

A. 期刊論文

2018

1. Chen, M.-R. and J.-S. Hwang*, 2018. The Swimming Behavior of *Calanus sinicus* Under Different Food Concentrations. *Zoological Studies*, 57: 13 (SCI). IF:1.008; Ranking: 85/163 Zoology. doi:10.6620/ZS.2018.57-13
2. Dahms, H.-U., N. V. Schizas, R. A. James, L. Wang and J.-S. Hwang*, 2018. Marine hydrothermal vents as templates for global change scenarios. *Hydrobiologia*, (818) : 1-10. (SCI).
3. Hwang, J.-S., H.-U. Dahms, K. L. Huang, M.-Y. Huang, X.-J. Liu, J. S. Khim and C. K. Wong, 2018. Bioaccumulation of trace metals in octocorals depends on age and tissue compartmentalization. *PLoS ONE* 13(4): e0196222.
4. Molinero, J. C., L.-C. Tseng, C. L. Abbate, E. Ramirez-Romero and J.-S. Hwang*, 2018. Interannual changes in zooplankton echo subtropical and high latitude climate effects in the southern East China Sea. *PLoS ONE* 13(5): e0197382.
5. Benelli, G., F. Maggi, R. Pavela, K. Murugan, M. Govindarajan, B. Vaseeharan, R. Petrelli, L. Cappellacci, S. Kumar, A. Hofer, M. R. a Youssefi, A. A. Alarfaj, J.-S. Hwang and A. Higuchi, 2018. Mosquito control with green nanopesticides: towards the One Health approach? A review of non-target effects. *Environmental Science and Pollution Research* 25(11):10184-10206 (SCI). DOI 10.1007/s11356-017-9752-4.
6. Murugan, K., U. Suresh, C. Panneerselvam, R. Rajaganesh, M. Roni, A. Aziz, J.-S. Hwang, K. Sathishkumar, A. Rajasekar, S. Kumar, et al. Managing wastes as green resources: cigarette butt-synthesized pesticides are highly toxic to malaria vectors with little impact on predatory copepods. *Environmental Science and Pollution Research* 25(11):10456-10470 (SCI). DOI: 10.1007/s11356-017-0074-3
7. Tseng, L.-C., P. Limviriyakul, P.-H. Ho and J.-S. Hwang*, 2018. The presence of *Macromedaeus distinguendus* (De Haan, 1835) (Brachyura, Xanthidae) in the shallow hydrothermal vent system off northeastern Taiwan. *Crustaceana*. 91(7): 879–895. (SCI)
8. Pan, Y.-J., I. Sadovskaya, J.-S. Hwang* and S. Souissi, 2018. Assessment of the fecundity, population growth and fatty acid composition of *Apocyclops royi* (Cyclopoida, Copepoda) fed on different microalgal diets. *Aquaculture Nutrition* 24 : 970-978. (SCI). DOI: 10.1111/anu.12633
9. Lee, P.-W., L.-C. Tseng and J.-S. Hwang*, 2018. Comparison of mesozooplankton mortality impacted by the cooling systems of two nuclear power plants at the northern Taiwan coast, southern East China Sea. *Marine Pollution Bulletin*, (In press). (SCI).

2017

10. Kalimuthu, K., C. Panneerselvam, C. Chou, S.-M. Lin, L.-C. Tseng, K.-H. Tsai, K. Murugan and J.-S. Hwang*, 2017. Predatory efficiency of the copepod *Megacyclops formosanus* and toxic effect of the red alga *Gracilaria firma* synthesized silver nanoparticles against the dengue vector *Aedes aegypti*. *Hydrobiologia*. 785:359-372 (SCI).
11. Pan, Y.-J., A. Souissi, J.-S. Hwang* and S. Souissi, 2017. Artificially cold-induced quiescent egg viability of the tropical copepod *Acartia bilobata* (Copepoda, Calanoida). *Aquaculture Research*, 48(4):1974-1979. (SCI). doi:10.1111/are.12968
12. Rayner, T. A., Højgaard, J. K., Hansen, B. W. and Hwang*, J. S., 2017, Density effect on the ovigerous rate of the calanoid copepod *Pseudodiaptomus annandalei* (Sewell 1919): implications for aquaculture. *Aquaculture Research*. 48:4573–4577. doi:10.1111/are.13082.
13. Wang, L., M. K. Cheung, R. Liu, C. K. Wong, H. S. Kwan and J.-S. Hwang, 2017. Diversity of Total Bacterial Communities and Chemoautotrophic Populations in Sulfur-Rich Sediments of Shallow-Water Hydrothermal Vents off Kueishan Island, Taiwan. *Microbial Ecology*. 73:571-582. doi:10.1007/s00248-016-0898-2" (SCI).
14. Dahms, H.-U., S. H. Lee, D.-J. Huang, W.-Y. Chen and J.-S. Hwang*, 2017. The challenging role of life cycle monitoring: evidence from bisphenol A on the copepod *Tigriopus japonicus*. *Hydrobiologia*, 784(1):81-91. (SCI).
15. Franco, P., H.-U. Dahms, W.-T. Lo and J.-S. Hwang*, 2017. Pelagic tunicates in the China Seas. *Journal of Natural History*, 51(15-16):917-936. (SCI).

16. Sujitha, V., K. Murugan, D. Dinesh, A. Pandiyan, R. Aruliah, J.-S. Hwang, K. Kalimuthu, C. Panneerselvam, A. Higuchi, A. Aziz, S. Kumar, A. A. Alarfaj, B. Vaseeharan, A. Canale and G. Benelli, 2017. Green-synthesized CdS nano-pesticides: Toxicity on young instars of malaria vectors and impact on enzymatic activities of the non-target mud crab *Scylla serrata*. *Aquatic Toxicology*, 188:100-108. DOI: 10.1016/j.aquatox.2017.04.015
17. Ho, T. W., J.-S. Hwang, M. K. Cheung, H. S. Kwan and C. K. Wong, 2017. DNA-based study of the diet of the marine calanoid copepod *Calanus sinicus*. *Journal of Experimental Marine Biology and Ecology*. 494:1-9. (SCI). DOI: 10.1016/j.jembe.2017.04.004
18. Rayner, T. A., Hansen, B. W. and Hwang, J. S., 2017. Minimizing the use of fish oil enrichment in live feed by use of a self-enriching calanoid copepod *Pseudodiaptomus annandalei*. *Journal of Plankton Research* 39(6):1004-1011 (SCI).
19. Rayner, T. A., J.-S. Hwang and B. W. Hansen, 2017. Anticipating the free amino acid concentrations in newly hatched pelagic fish larvae based on recently fertilized eggs and temperature. *Journal of Plankton Research*, 39(6): 1012–1019. (SCI).
20. Zhou, Y. Y., W. X. Jing, H. U. Dahms, J. S. Hwang, and L. Wang, 2017. Oxidative damage, ultrastructural alterations and gene expressions of hemocytes in the freshwater crab *Sinopotamon henanense* exposed to cadmium. *Ecotoxicology and Environmental Safety*. 138:130-138. (SCI).
21. Murugan, K., J. Anitha, U. Suresh, R. Rajaganesh, C. Panneerselvam, A. T. Aziz, L.-C. Tseng, K. Kalimuthu, M. S. Alsalhi, S. Devanesan, M. Nicoletti, S. K. Sarkar, G. Benelli, and J.-S. Hwang*, 2017. Chitosan-fabricated Ag nanoparticles and larvivorous fishes: a novel route to control the coastal malaria vector *Anopheles sundaicus*? *Hydrobiologia*, 797:335-350. (SCI).
22. Pan, Y.-J. A. Souissi, I. Sadovskaya, B. W. Hansen, J.-S. Hwang* and S. Souissi, 2017. Effects of cold selective breeding on the body length, fatty acid content, and productivity of the tropical copepod *Apocyclops royi* (Cyclopoida, Copepoda). *Journal of Plankton Research*, 39(6):994-1003. (SCI).
23. Dahms, H.-U., L.-C. Tseng and J.-S. Hwang*, 2017. Are vent crab behavioral preferences adaptations for habitat choice? *PLoS ONE* 12(9): e0182649. (SCI).
24. Blanda, E., G. Drillet, C.-C. Huang, J.-S. Hwang, J. K. Højgaard, H. H. Jakobsen, T. A. Rayner, H. M. Su and B. W. Hansen, 2017. An analysis of how to improve production of copepods as live feed from tropical Taiwanese outdoor aquaculture ponds. *Aquaculture*, 479: 432-441. (SCI).
25. Kalimuthu, K., C. Panneerselvam, C. Chou, L.-C. Tseng, K. Murugan, K.-H. Tsai, A. A. Alarfaj, A. Higuchi, A. Canale, J.-S. Hwang and G. Benelli, 2017. Control of dengue and Zika virus vector *Aedes aegypti* using the predatory copepod *Megacyclops formosanus*: Synergy with *Hedychium coronarium*-synthesized silver nanoparticles and related histological changes in targeted mosquitoes. *Process Safety and Environmental Protection*, 109: 82-96. (SCI).
26. Das, S., L.-C. Tseng, L. Wang and J.-S. Hwang*, 2017. Burrow characteristics of the mud shrimp *Austinopecten edulis*, an ecological engineer causing sediment modification of a tidal flat. *PLoS ONE* 12(12): e0187647. (SCI).
27. Kadiene, E. U., C. Bialais, B. Ouddane, J.-S. Hwang* and S. Souissi, 2017. Differences in lethal response between male and female calanoid copepods and life cycle traits to cadmium toxicity. *Ecotoxicology* (2017) 26:1227–1239. (SCI).
28. Li, N., P. Xu, W.-X. Jing, J.-S. Hwang and L. Wang, 2017. Toxic effects of Pb²⁺ entering sperm through Ca²⁺ channels in the freshwater crab *Sinopotamon henanense*. *Aquatic Toxicology* 192 (2017) 24–29. (SCI).
29. Lang, L., Z. Zhang, W. Jing, J.-S. Hwang, S. C. Lee and L. Wang, 2017. Identification of a novel toll gene (Shtoll3) from the freshwater crab *Sinopotamon henanense* and its expression pattern changes in response to cadmium followed by *Aeromonas hydrophila* infection. *Fish Shellfish Immunology*, 71:177-190. (SCI). doi: 10.1016/j.fsi.2017.10.013. Epub 2017 Oct 7.
30. Højgaard, J. K., B. W. Hansen and J.-S. Hwang, 2017. Prey capture capabilities by juveniles of the false percula clownfish (*Amphiprion ocellaris*) fed calanoid nauplii vs.

adults. *Marine and Freshwater Behaviour and Physiology*, 50(5–6): 387-396. (SCI).

2016

31. Buttino, I. J.-S. Hwang, G. Romano, C.-K. Sun, T.-M. Liu, D. Pellegrini, A. Gaion and D. Sartori, 2016. Detection of malformations in sea urchin plutei exposed 1 to mercuric chloride using different fluorescent techniques. *Ecotoxicology and Environmental Safety*. 123:72-80. (SCI).
32. Pan, Y.-J., A. Souissi, S. Souissi and J.-S. Hwang*, 2016. Effects of salinity on the reproductive performance of *Apocyclops royi* (Copepoda, Cyclopoida). *Journal of Experimental Marine Biology and Ecology*, 475:108-113. (SCI).
33. Kumar, P. M., K. Murugan, P. Madhiyazhagan, K. Kovendan, D. Amerasan, B. Chandramohan, D. Dinesh, U. Suresh, M. Nicoletti, M. S. Alsali, S. Devanesan, H. Wei, K. Kalimuthu, J. S. Hwang, A. Lo Iacono and G. Benelli, 2016. Biosynthesis, characterization, and acute toxicity of *Berberis tinctoria*-fabricated silver nanoparticles against the Asian tiger mosquito, *Aedes albopictus*, and the mosquito predators *Toxorhynchites splendens* and *Mesocyclops thermocyclopoides*. *Parasitology Research*, 115(2):751-759. (SCI). DOI: 10.1007/s00436-015-4799-y
34. Anbu, P., K. Murugan, P. Madhiyazhagan, D. Dinesh, J. Subramaniam, C. Panneerselvam, U. Suresh, A. A. Alarfaj, M. A. Munusamy, A. Higuchi, J.-S. Hwang, S. Kumar, M. Nicoletti and G. Benelli, 2016. Green-synthesised nanoparticles from *Melia azedarach* seeds and the cyclopoid crustacean *Cyclops vernalis*: an eco-friendly route to control the malaria vector *Anopheles stephensi*? *Natural Product Research Formerly Natural Product Letters*. 30(18): 2077-2084. (SCI).
35. Souissi, A., S. Souissi and J.-S. Hwang, 2016. Evaluation of the copepod *Eurytemora affinis* life history response to temperature and salinity increases. *Zoological Studies*, 55:4 (SCI).
36. Limviriyakul, P., L.-C. Tseng, J.-S. Hwang* and T.-W. Shih, 2016. Anomuran and brachyuran symbiotic crabs in coastal areas between the southern Ryukyu arc and the Coral Triangle. *Zoological Studies*, 55:7 (SCI).
37. Mahjoub, M. S., G. Dur, S. Souissi, F.G. Schmitt and J.S. Hwang, 2016. Multifractal anisotropic swimming: the optimal foraging behaviour of grouper larvae. *Journal of Fish Biology*, 88(5):1835-1846 (SCI). doi:10.1111/jfb.12948
38. Tseng, L.-C., S.-H. Hsiao, S. K. Sarkar, B. D. Bhattacharya, Q.-C. Chen, J.-S. Hwang*, 2016. Influence of Kuroshio water on the annual copepod community structure in an estuary in the northwest Pacific Ocean. *Continental Shelf Research*, 118: 165-176. (SCI).
39. Molinero, J. C., L.-C. Tseng, L. Lopez-Lopez, U. Sommer, S. Souissi and J.-S. Hwang*, 2016. Climate driven winter variations of *Calanus sinicus* abundance in the East China Sea. *Fisheries Oceanography*, 25(6):555-564. (doi:10.1111/fog.12172) (SCI).
40. Murugan, K., J. Anitha, D. Dinesh, U. Suresh, R. Rajaganesh, B. Chandramohan, J. Subramaniam, M. Paulpandi, C. Vadivalagan, P. Amuthavalli, L. Wang, J.-S. Hwang, H. Wei, M. S. Alsali, S. Devanesan, S. Kumar, K. Pugazhendy, A. Higuchi, M. Nicoletti, G. Benelli, 2016. Fabrication of nano-mosquitocides using chitosan from crab shells: impact on non-target organisms in the aquatic environment. *Ecotoxicology and Environmental Safety*. 132:318-328. (SCI). ISSN: 0147-6513.
41. Limviriyakul, P., L.-C. Tseng, T.-W. Shih and J.-S. Hwang*, 2016. Host selection and preferences of coral symbiotic crab *Tetralia rubridactyla*. *Journal of Experimental Marine Biology and Ecology*. 485:24-34. (SCI).
42. 林文龍、曾立鈞、施彤偉、黃將修*, 2016, 臺灣東北角礁區的共生十足目甲殼動物, 海洋及水下科技, 26(2): 13-24。
43. 開汀妮、譚漢詩、黃將修*, 2016, 海底熱泉中的橈足類：精簡回顧, 海洋及水下科技, 26(2): 25-32。
44. 姍妮、黃將修*, 2016, 甲殼亞門十足目動物的生物擾動行為對海洋底泥的影響, 海洋及水下科技, 26(2): 33-39。
45. 皇金貌、譚漢詩、宋克義、黃將修*, 2016, 東沙環礁大洋性被囊類生物作為水團運動生物指標研究, 海洋及水下科技, 26(2): 40-48。
46. Alizard, G、宋克義、黃將修、譚漢詩, 2016, 從攝食行為實驗探討營養群的多樣性,

47. Franco, P., H. J. Chen and J.-S. Hwang*, 2016. Taxonomic Composition and Seasonal Distribution Changes of Pelagic Tunicates in the Waters Off Nuclear Power Plants in Northern Taiwan in Relation to Environmental Conditions. *Zoological Studies*, 55: 28 (SCI).
48. Wang, Q., L. L. Luan, L. D. Chen, D. N. Yuan, S. Liu, J.-S. Hwang and Y. F. Yang, 2016. Recruitment from an egg bank into the plankton in Baisha Bay, a mariculture base in Southern China. *Estuarine Coastal and Shelf Science*. 181: 312-318. (SCI) DOI: 10.1016/j.ecss.2016.08.040
49. Murugan, K., C. Panneerselvam, J. Subramaniam, P. Madhiyazhagan, J.-S. Hwang, L. Wang, D. Dinesh, U. Suresh, M. Roni, A. Higuchi, M. Nicoletti and G. Benelli, 2016. Eco-friendly drugs from the marine environment: spongeweed-synthesized silver nanoparticles are highly effective on *Plasmodium falciparum* and its vector *Anopheles stephensi*, with little non-target effects on predatory copepods. *Environmental Science and Pollution Research*. 23(16): 16671-16685. (SCI)
- 2015**
50. Bhattacharya, B. D., J.-S. Hwang, S. K. Sarkar, D. Rakhsit, K. Murugan and L.-C. Tseng, 2015. Community Structure of Mesozooplankton in Coastal Waters of Sundarban Mangrove Wetland, India: A Multivariate Approach. *Journal of Marine Systems*, 141: 112-121. (SCI).
51. Awasthi, A. K., J. C. Molinero, C.-H. Wu, K.-H. Tsai, C.-C. King and J.-S. Hwang*, 2015. Behavioral changes in mosquito larvae induced by copepods predation. *Hydrobiologia*, 749:113-123. (SCI).
52. Tseng, L.-C., J.-J. Hung, J. C. Molinero, Q.-C. Chen and J.-S. Hwang*, 2015. Indicator species and seasonal succession of planktonic copepod assemblages driven by the interplay of subtropical and temperate waters in the southern East China Sea. *Crustaceana*, 88(1):96-112. (SCI).
53. Lee, M.-T., J.-S. Hwang, C.-Y. Hsu and Y.-C. Chang, 2015. Combining a locomotion indicator and data mining to analyze the interactive patterns between copepods and ciliates. *Ecological Informatics*, 26:27-35. (SCI).
54. Rayner, T. A., N. O. G. Jørgensen, E. Blanda, C.-H. Wu, C. C. Huang, J. Mortensen, J.-S. Hwang and B. W. Hansen, 2015. Biochemical Composition of the Promising Live Feed Tropical Calanoid Copepod *Pseudodiaptomus annandalei* (Sewell 1919) Cultured in Taiwanese Outdoor Aquaculture Ponds. *Aquaculture*, 441:25-34. (SCI).
55. Dhanker, R., J. C. Molinero, R. Kumar, L.-C. Tseng, A. Ianora and J.-S. Hwang*, 2015. Responses of the estuarine copepod *Pseudodiaptomus annandalei* to diatom polyunsaturated aldehydes: Reproduction, survival and postembryonic development. *Harmful Algae*, 43: 74-81. (SCI).
56. Dahms, H.-U., L.-C. Tseng and J.-S. Hwang*, 2015. Biogeographic distribution of the cyclopoid copepod genus *Oithona*—from mesoscales to global scales. *Journal of Experimental Marine Biology and Ecology*, 467: 26-32. (SCI).
57. Murugan, K., G. Benelli, C. Panneerselvam, J. Subramaniam, T. Jeyalalitha, D. Dinesh, M. Nicoletti, J.-S. Hwang, U. Suresh and P. Madhiyazhagan, 2015. *Cymbopogon citratus*-synthesized gold nanoparticles boost the predation efficiency of copepod *Mesocyclops aspericornis* against malaria and dengue mosquitoes. *Experimental Parasitology*, 153:129-138. (SCI).doi: 10.1016/j.exppara.2015.03.017.
58. Subramaniam, J., K. Murugan, K. Kovendan, P. Mahesh Kumar, D. Amerasan, C. Panneer Selvam, T. Nataraj, D. Dinesh, B. Chandramohan, R. Chandrasekar and J.-S. Hwang, 2015. Evaluation of Sustainable and Eco-friendly Approaches of Indian Seaweeds against Coastal Malarial Vector, *Anopheles sundaicus* (Diptera: Culicidae). *Utilisation and Management of Medicinal Plants*, Vol. 3: 261-286.
59. Radha, R., K. Murugan, P. Madhiyazhagan, T. Nataraj, A. Nareshkumar, J.-S. Hwang, Wei Hui and R. Chandrasekar, 2015. Insecticidal Activity of Essential Oils and Entomopathogenic Fungi against Cowpea Bruchid, *Callosobruchus maculatus* (f.) (Insecta: Coleoptera: Bruchidae). *Utilisation and Management of Medicinal Plants*, Vol. 3: 287-302.

60. Pugazhendy, K., A. Revathi, S. Prabakaran, K. Murugan and J.-S. Hwang, 2015. Convalesce consequence of *Pisonia alba* and *Cardiospermum halicacabum* aligned with the atrazine inebriated on antioxidant enzymes and histological changes in liver tissue of *Rattus norvegicus*. *International Journal of Advanced Life Sciences*, 8(1):10-19.
61. Blanda, E., G. Drillet, C.-C. Huang, J.-S. Hwang, H. H. Jakobsen, T. A. Rayner, H.-M. Su, C.-H. Wu and B. W. Hansen, 2015. Trophic interactions and productivity of copepods as live feed from tropical Taiwanese outdoor aquaculture ponds. *Aquaculture*, 445:11-21. (SCI).
62. Tseng, L.-C., C. Chou, Q.-C. Chen and J.-S. Hwang*, 2015. Jellyfish assemblages are related to interplay waters in the southern east China Sea. *Continental Shelf Research*. 103: 33-44. (SCI).
63. Murugan, K., G. Benelli, S. Ayyappan, D. Dinesh, C. Panneerselvam, M. Nicoletti, J.-S. Hwang, P. M. Kumar, J. Subramaniam and U. Suresh, 2015. Toxicity of seaweed-synthesized silver nanoparticles against the filariasis vector *Culex quinquefasciatus* and its impact on predation efficiency of the cyclopoid crustacean *Mesocyclops longisetus*. *Parasitology Research*, 114:2243-2253. (SCI).
64. Pugazhendy, K., A. Revathi, K. Murugan and J.-S. Hwang, 2015. Chelating properties of *Cardiospermum halicacabum* against Cadmium toxicity on antioxidant enzyme activities in the Fresh water Crab, *Paratelphusa hydrodromaus*. *International Journal of Advanced Research in Biological Sciences*. 2(5): 183-188.
65. Nathiya, V., P. Saravana Bhavan, K. Murugan, C. Panneerselvam, U. Suresh, C. Vadivalagan, K. Pugazhendy and J.-S. Hwang, 2015. Predatory ability of *Mesocyclops Aspericornis* on the larvae of *Culex Quinquefasciatus* under monocrotophos polluted condition. *International Journal of Modern Research and Reviews*. 3(3): 630-634.
66. Lauritano, C., Y. Carotenuto, V. Vitiello, I. Buttino, G. Romano, J.-S. Hwang and A. Ianora, 2015. Effects of the oxylipin-producing diatom *Skeletonema marinoi* on gene expression levels of the calanoid copepod *Calanus sinicus*. *Marine Genomics*, 24:89-94. (SCI).
67. Wang, L., M. K. Cheung, H. S. Kwan, J.-S. Hwang and C. K. Wong, 2015. Microbial diversity in shallow-water hydrothermal sediments of Kueishan Island, Taiwan as revealed by pyrosequencing. *Journal of Basic Microbiology*, 55:1-11. (SCI).
68. Kumar, R., P. Muhid, H.-U. Dahms, J. Sharma and J.-S. Hwang*, 2015. Biological mosquito control is affected by alternative prey. *Zoological Studies*, 54:55. (SCI).
69. Ho, T. W., J.-S. Hwang, M. K. Cheung, H. S. Kwan and C. K. Wong, 2015. Dietary analysis on the shallow-water hydrothermal vent crab *Xenograpsus testudinatus* using Illumina sequencing. *Marine Biology*, 162: 1787-1798. (SCI).
70. Pugazhendy, K., A. Revathi, K. Murugan and J.-S. Hwang, 2015. Protective effect of *Cardiospermum halicacabum* against Cadmium toxicity induced oxidative damage and biomarker enzymes alterations in the Fresh water Crab, *Paratelphusa hydrodromaus*. *Journal of Pharmacy Research*, 9(5): 337-342.
71. Murugan, K., M. A. Labeeba, C. Panneerselvam, D. Dinesh, U. Suresh, J. Subramaniam, P. Madhiyazhagan, J.S. Hwang, L. Wang, M. Nicoletti and G. Benelli, 2015. *Aristolochia indica* green-synthesized silver nanoparticles: A sustainable control tool against the malaria vector *Anopheles stephensi*? *Research in Veterinary Science*, 102: 127-135. DOI: 10.1016/j.rvsc.2015.08.001
72. Murugan, K., J. S. E. Venus, C. Panneerselvam, S. Bedini, B. Conti, M. Nicoletti, S. K. Sarkar, J. S. Hwang, J. Subramaniam, P. Madhiyazhagan, P. M. Kumar, D. Dinesh, U. Suresh and G. Benelli, 2015. Biosynthesis, mosquitocidal and antibacterial properties of *Toddalia asiatica*-synthesized silver nanoparticles: do they impact predation of guppy *Poecilia reticulata* against the filariasis mosquito *Culex quinquefasciatus*? *Environmental Science and Pollution Research* 22(21): 17053-17064. DOI: 10.1007/s11356-015-4920-x
73. Subramaniam, J., K. Murugan, C. Panneerselvam, K. Kovendan, P. Madhiyazhagan, P. M. Kumar, D. Dinesh, B. Chandramohan, U. Suresh, M. Nicoletti, A. Higuchi, J. S. Hwang, S. Kumar, A. A. Alarfaj, M. A. Munusamy, R. H. Messing and G. Benelli, 2015. Eco-friendly control of malaria and arbovirus vectors using the mosquitofish *Gambusia affinis* and ultra-low dosages of *Mimusops elengi*-synthesized silver nanoparticles:

towards an integrative approach? Environmental Science and Pollution Research 22(24): 20067-20083. DOI: 10.1007/s11356-015-5253-5 IF:2.384; Ranking: 54/223 Environmental Sciences.

2014

74. Hwang, J.-S. *, L. López-López, J. C. Molinero, L.-C. Tseng, Q.-C. Chen and J.-J. Hung, 2014. Copepod assemblages in the northern South China Sea during inter-monsoon transition periods, Journal of Sea Research, 86: 43-48. (SCI).
75. Dahms, H.-U., L.-C. Tseng and J.-S. Hwang*, 2014. Marine invertebrate larval distribution at the hydrothermal vent site of Gueishandao. Journal of Marine Science and Technology-Taiwan, 22(1): 67-74. (SCI).
76. Dahms, H.-U., L.-C. Tseng, D. M.-C. Shim and J.-S. Hwang*, 2014. Hydrothermal vent effluents affect life stages of the copepod *Tisbe* sp. Journal of Marine Science and Technology-Taiwan, 22(1): 82-88. (SCI).
77. Pan, Y.-J., S. Souissi, A. Souissi, C.-H. Wu, S.-H. Cheng and J.-S. Hwang*, 2014. Dietary effects on egg production, egg-hatching rate and female life span of the tropical calanoid copepod *Acartia bilobata*. Aquaculture Research, 45: 1659-1671. (SCI). IF:1.320; Ranking: 22/50 Fisheries. doi:10.1111/are.12113
78. Kâ, S., Y. Carotenuto, G. Romano, J.-S. Hwang, I. Buttino and A. Ianora, 2014. Impact of the diatom-derived polyunsaturated aldehyde 1 2-trans, 4-trans decadienal on the feeding, survivorship and reproductive success of the calanoid copepod *Temora stylifera*. Marine Environmental Research, 93:31-37. (SCI).
79. Kalimuthu, K., S.-M. Lin, L.-C. Tseng, K. Murugan and J.-S. Hwang*, 2014. Bio-efficacy potential of seaweed *Gracilaria firma* with copepod, *Megacyclops formosanus* for the control larvae of dengue vector *Aedes aegypti*. Hydrobiologia, 741(1):113-123. (SCI).
80. Chan, I., J.-J. Hung, S.-H. Peng, L.-C. Tseng, T.-Y. Ho and J.-S. Hwang*, 2014. Comparison of metal accumulation in the azooxanthellate scleractinian coral (*Tubastraea coccinea*) from different polluted environments. Marine Pollution Bulletin, 85: 648-658. (SCI).
81. Mahjoub, M.-S., C. H. Wu, A. Leeper, J.-S. Hwang and G. Drillet, 2014. Population density and mate selection in the copepod *Acartia tonsa*. Journal of Plankton Research, 36(3): 872-876. (SCI).
82. Beyrend-Dur, D., G. Dur, S. Souissi and J.-S. Hwang*, 2014. Dormant eggs of a calanoid copepod from tropical brackish aquaculture ponds. Crustaceana, 87(3): 284-290. (SCI).
83. Aarthi, N., G. J. Pitchai, K. Murugan, P. Madhiyazhagan, T. Nataraj, A. Nareshkumar, K. Kalimuthu, J.-S. Hwang, D. R. Barnard, H. Wei, R. Chandrasekar and A. Amsath, 2014. Studies on the effect of *Sida Acuta* and *Vetiveria Zizanioides* against the malarial vector, *Anopheles Stephensi* and malarial parasite, *Plasmodium Berghei*. International Journal of Pure and Applied Zoology, 2(1): 51-60.
84. Murugan, K., G. J. Pitchai, P. Madhiyazhagan, T. Nataraj, A. Nareshkumar, R. Chandrasekar, J.-S. Hwang, M. Nicoletti, A. Amsath and R. Bhagooli, 2014. Larvicidal, repellent and smoke toxicity effect of neem products against malarial vector, *Anopheles Stephensi*. International Journal of Pure and Applied Zoology, 2(2): 71-83.
85. Rajeswary, M., M. Govindarajan, K. Murugan, J.-S. Hwang, D. R. Barnard, A. Amsath, K. Veerakumar and U. Muthukumaran, 2014. Mosquito ovicidal properties of *Ageratina Adenophora* (Family: Asteraceae) against filariasis vector, *Culex Quinquefasciatus* (Diptera: Culicidae). International Journal of Pure and Applied Zoology, 2(2): 182-186.
86. Tseng, L.-C., C.-H. Wu, W.-H. Twan, Z.-C. Tang and J.-S. Hwang*, 2014. Hydroids (Cnidaria, Hydrozoa) from marine environments in Taiwan. Zoological Studies 53:29. doi:10.1186/s40555-014-0029-z (SCI).
87. Rajeswary, M., M. Govindarajan, K. Murugan, J.-S. Hwang, D. R. Barnard, A. Amsath and U. Muthukumaran, 2014. Ovicidal efficacy of *Ageratina Adenophora* (Family: Asteraceae) against *Anopheles Stephensi* (Diptera: Culicidae). International Journal of Pure and Applied Zoology, 2(3): 196-199.
88. Radha, R., K. Murugan, H. Wei, D. Amerasan, P. Madhiyazhagan, F. Chen, K. Kovendan, T. Nataraj, A. Nareshkumar, J.-S. Hwang and M. Govindarajan, 2014. Insecticidal Activity of Essential Oils and Entomopathogenic Fungi Against Cowpea Bruchid,

- Callosobruchus maculatus* (f.) (Insecta: Coleoptera: bruchidae). Journal of Current Innovation Research, 1(1):11-19.
89. Rajeswary, M., M. Govindarajan, K. Murugan, J.-S. Hwang, D. R. Barnard and U. Muthukumar, 2014. Ovicidal Activity of *Ageratina adenophora* (Family: Asteraceae) Against Dengue Vector, *Aedes aegypti* (Diptera: Culicidae). International Journal of Current Innovation Research, 1(1):20-23.
 90. Schizas, N. V., H.-U. Dahms, M. Ricaurte Chica and J.-S. Hwang*, 2014. Population genetic patterns of the copepod *Calanus sinicus* in the northwest Pacific. Hydrobiologia, 741(1):153-165. (SCI). (DOI) 10.1007/s10750-014-2011-5
 91. Cai, L.-Z., J.-S. Hwang, H.-U. Dahms, S.-J. Fu, Y. Zhuo and T. Guo, 2014. Effect of the invasive bivalve *Mytilopsis sallei* on the macrofaunal fouling community and the environment of Yundang Lagoon, Xiamen, China. Hydrobiologia, 741(1):101-111. (SCI).
 92. Bhattacharya, B. D., J.-S. Hwang, L.-C. Tseng, Sarkar S. K., Rakshit D. and S. Mitra, 2014. Bioaccumulation of trace elements in dominant mesozooplankton group inhabiting in the coastal regions of Indian Sundarban mangrove wetland. Marine Pollution Bulletin, 87:345-351. (SCI). (DOI: 10.1016/j.marpolbul.2014.07.050).
 93. Lo, W.-T., H.-U. Dahms and J.-S. Hwang*, 2014. Water mass transport through the northern Bashi Channel in the northeastern South China Sea affects copepod assemblages of the Luzon Strait. Zoological Studies, 53:66. (SCI).
 94. Hwang, J.-S. and K. Martens, 2014. Preface - Proceeding of International Conference on Challenges in Aquatic Sciences. Hydrobiologia 741: 1. DOI: 10.1007/s10750-014-2064-5
- 2013**
95. Dahms, H.-U., L.-C. Tseng, S.-H. Hsiao, Q.-C. Chen, J.-S. Hwang*, 2013. A model study for an Oceania watershed: Spatio-temporal changes of mesozooplankton in riverine and estuarine parts of the Lanyang River in Taiwan. Ecological Research 28:345-357 (SCI). DOI: 10.1007/s11284-012-1026-5
 96. Murugan, K., P. R. Philips, K. Kovendan, S. Vincent, J.-S. Hwang and R. Donald Barnard, 2014. Effect of *Aloe vera* on Larvicidal, Pupicidal and Bacterial Larvicides of Malarial Vector, *Anopheles Stephensi* Liston. Journal of Advances in Developmental Research.
 97. Chitra, T., K. Murugan, A. N. Kumar, P. Madhiyazhagan, T. Nataraj, D. Indumathi, J.-S. Hwang, 2013. Laboratory and field efficacy of *Pedalium murex* and predatory copepod, *Mesocyclops longisetus* on rural malaria vector, *Anopheles culicifacies*. Asian Pacific Journal of Tropical Disease. 3(2): 111-118.
 98. Roni, M., K. Murugan, C. Panneerselvam, J. Subramaniam, J.-S. Hwang, 2013. Evaluation of leaf aqueous extract and synthesized silver nanoparticles using *Nerium oleander* against *Anopheles stephensi* (Diptera: Culicidae). Parasitology Research 112(3):981-990. (SCI).
 99. Suganya, A., K. Murugan, K. Kovendan, P. M. Kumar and J.-S. Hwang, 2013. Green synthesis of silver nanoparticles using *Murraya koenigii* leaf extract against *Anopheles stephensi* and *Aedes aegypti*. Parasitology Research 112(4):1385-1395. (SCI). DOI 10.1007/s00436-012-3269-z
 100. Tseng, L.-C., H.-U. Dahms, R. Kumar, Q.-C. Chen and J.-S. Hwang*, 2013. Autumn community structure in the shallow mixed layer of the subtropical South China Sea reveals a peculiar copepod and zooplankton assemblage. Journal of Natural History, 47(5-12):667-683. (SCI).
 101. Hsiao, Y.-H., H.-U. Dahms and J.-S. Hwang*, 2013. Ecology of swarming in the planktonic copepod *Dioithona* sp. (Crustacea: Copepoda) Journal of Natural History, 47(5-12):739-752. (SCI).
 102. Mantha, G., A. K. Awasthi, A. M. Al-Aidaros and J.-S. Hwang*, 2013. Diversity and abnormalities of cyclopoid copepods around hydrothermal vent fluids, Kueishantao Island, north-eastern Taiwan. Journal of Natural History, 47(5-12):685-697. (SCI). DOI: 10.1080/00222933.2012.747638
 103. López-López, L., J. C. Molinero, L.-C. Tseng, Q.-C. Chen and J.-S. Hwang*, 2013. Seasonal variability of the gelatinous carnivore zooplankton community in Northern Taiwan. Journal of Plankton Research 35(3):677-683. (SCI).

104. Michalec, F.-G., M. Holzner, D. Menu, J.-S. Hwang and S. Souissi, 2013. Behavioral responses of the estuarine calanoid copepod *Eurytemora affinis* to sub-lethal concentrations of waterborne pollutants, *Aquatic Toxicology*, 138-139: 129-138. (SCI).
105. Murugan, K., K. Kalimuthu, P. M. Kumar, J.-S. Hwang and M. N. Phytoparasitica, 2013. Larval and pupal toxicity effects of *Plectranthus amboinicus*, *Bacillus sphaericus* and predatory copepods for the control of the dengue vector, *Aedes aegypti*. *Phytoparasitica*. 41(3): 307-316. (SCI). DOI 10.1007/s12600-013-0291-3
106. Souissi, A., S. Souissi and J.-S. Hwang, 2013. The effect of epibiont ciliates on the behavior and mating success of the copepod *Eurytemora affinis*. *Journal of Experimental Marine Biology and Ecology*, 445:38-43. (SCI).
107. Tseng, L.-C., J.-J. Hung, Q.-C. Chen and J.-S. Hwang*, 2013. Seasonality of the copepod assemblages associated with interplay waters off northeastern Taiwan. *Helgoland Marine Research*, 67(3):507-520. (SCI). DOI: 10.1007/s10152-012-0339-7
108. Dhanker, R., R. Kumar and J.-S. Hwang*, 2013. How effective are *Mesocyclops aspericornis* (Copepoda: Cyclopoida) in controlling mosquito immatures in the environment with an application of phytochemicals? *Hydrobiologia*, 716(1):147-162. (SCI).
109. Kalimuthu, K., C. Panneerselvam, K. Murugan and J.-S. Hwang, 2013. Green synthesis of silver nanoparticles using *Cadaba indica* lam leaf extract and its larvicidal and pupicidal activity against *Anopheles stephensi* and *Culex quinquefasciatus*. *Journal of Entomological and Acarological Research*, 45:e11.
110. Beyrend-Dur, D., S. Souissi and J.-S. Hwang*, 2013. Population dynamics of calanoid copepods in the subtropical mesohaline Danshuei Estuary (Taiwan) and typhoon effects. *Ecological Research* 28(5):771-780 (SCI). IF:1.513; Ranking: 89/140 Ecology. DOI 10.1007/s11284-013-1052-y
111. Dur G., R. Jimenez-Melero, D. Beyrend-Dur, J.-S. Hwang and S. Souissi, 2013. Individual-based model of the phenology of egg-bearing copepods application to *Eurytemora affinis* from the Seine estuary, France. *Ecological Modelling*. 269: 21-36. (SCI). DOI information: 10.1016/j.hal.2013.09.002
112. Panneerselvam, C., K. Murugan, K. Kovendan, P. M. Kumar, S. Ponarulselvam, D. Amerasan, J. Subramaniam and J.-S. Hwang, 2013. Larvicidal efficacy of *Catharanthus roseus* Linn. (Family: Apocynaceae) leaf extract and bacterial insecticide *Bacillus thuringiensis* against *Anopheles stephensi* Liston. *Asian Pacific Journal of Tropical Medicine*, 6(11): 847-853. (SCI) DOI:10.1016/S1995-7645(13)60151-0
113. Dahms, H.-U. and J.-S. Hwang*, 2013. Mortality in the Ocean - with lessons from Hydrothermal vents off Kueishan tao, NE-Taiwan. *Journal of Marine Science and Technology-Taiwan*, 21(6): 711-715. (SCI).
114. Michalec, F.-G., Ka, S., Holzner, M., Souissi, S., Ianora, A. and J.-S. Hwang*, 2013. Changes in the swimming behavior of *Pseudodiaptomus annandalei* (Copepoda, Calanoida) adults exposed to the diatom toxin 2-*trans*, 4-*trans* decadienal. *Harmful Algae*, 30: 56-64. (SCI).
115. Dhanker, R., R. Kumar, L.-C. Tseng and J.-S. Hwang*, 2013. Ciliate (*Euplotes* sp.) predation by *Pseudodiaptomus annandalei* (Copepoda: Calanoida) and effects of mono- and pluri-algal diets. *Zoological Studies*, 52(1):34-44 (SCI).
116. 周琪、曾立鈞、陳清潮、黃將修*, 2013。台灣北部海灣環境中橈足類群聚結構之年間季節變化。海洋及水下科技, 23(3): 9-19。
117. 譚漢詩、黃將修*, 2013。階段性浮游生物-大型底棲動物群之幼體。海洋及水下科技, 23(3): 48-54。
118. 譚漢詩、黃將修*, 2013。熱泉海域之海洋浮游動物的調查與研究。海洋及水下科技, 23(3): 55-59。
119. 曾立鈞、連光山、黃將修*, 2013。夏季南海北部海灣環境中浮游動物與浮游性橈足類之群聚結構。海洋及水下科技, 23(3): 60-68。
120. Dahms, H.-U., L.-C. Tseng and J.-S. Hwang*, 2013. Life history of the copepod *Paramphiascella* sp. affected by hydrothermal vent effluents. *Journal of Marine Science and Technology-Taiwan*, 21(Suppl): 297-303. (SCI).

121. Cai, L.-Z., J.-S. Hwang*, H.-U. Dahms, S.-J. Fu, X.-W. Chen and C. Wu, 2013. Does high organic matter content affect polychaete assemblages in a Shenzhen Bay mudflat, China? *Journal of Marine Science and Technology-Taiwan*, 21(Suppl): 274-284. (SCI).
122. Kalimuthu, K., K. Murugan, L.-C. Tseng, J.-S. Hwang*, 2013. Mosquitocidal activity of *Hedychium coronarium* rhizome extract and copepod *Megacyclops formosanus* for the control of dengue vector *Aedes aegypti*. *Journal of Marine Science and Technology-Taiwan*, 21(Suppl): 258-266. (SCI).
123. Dhanker, R. and J.-S. Hwang*, 2013. Predation by *Apocyclops royi* (Cyclopoid: Copepod) on Ciliates and Rotifers. *Journal of Marine Science and Technology-Taiwan*, 21(Suppl): 246-251. (SCI).
124. Wei, T.-P., H.-C. Chen, Y.-C. Lee, M.-L. Tsai, J.-S. Hwang, S.-H. Peng and Y.-W. Chiu, 2013. Gall polymorphism of coral-inhabiting crabs (Decapoda, Cryptochiridae): a new perspective. *Journal of Marine Science and Technology-Taiwan*, 21(Suppl): 304-307. (SCI).
125. Kalimuthu, K., C.-H. Wang, S.-M. Liu, L.-C. Tseng, K. Murugan, J.-S. Hwang*, 2013. Mosquito larvicidal activity of *Broussonetia papyrifera* compound marmesin by blocking protein AESCP-2, docking strategies, and combined effect of copepod *Megacyclops formosanus* against dengue vector *Aedes aegypti* (Diptera: Culicidae). *Journal of Marine Science and Technology-Taiwan*, 21(Suppl): 308-315. (SCI).
126. Tseng, L.-C., H.-U. Dahms, Q.-C. Chen, J.-S. Hwang*, 2013. Geospatial variability of autumn community structure on epipelagic zooplankton in the upper layer of the northern South China Sea. *Zoological Studies* 52(2):2-13 (SCI).
127. Chan, I., L.-C. Tseng, H.-U. Dahms and J.-S. Hwang*, 2013. Population and growth of queen conch (*Lobatus gigas* Linnaeus, 1758) in the Sapodilla Cayes Marine Reserve of Belize. *Zoological Studies* 52(1):46. (SCI).

2012

128. 曾立鈞、林志銘、陳清潮、黃將修*、吳健德、蔡顯修、李建平，2012. 核電廠溫排水之排放是否對浮游動物之分佈與含量產生不利之影響？*台電工程月刊*，761(1):46-56.
129. Chan, I., L.-C. Tseng, S. Kâ, C.-F. Chang and J.-S. Hwang*, 2012. An Experimental Study of the Response of the Gorgonian Coral *Subergorgia suberosa* to Polluted Seawater from a Former Coastal Mining Site in Taiwan. *Zoological Studies*, 51(1): 27-37. (SCI).
130. Dhanker, R., R. Kumar and J.-S. Hwang, 2012. Predation by *Pseudodiaptomus annandalei* (Copepoda: Calanoida) on rotifer prey: Size selection, egg predation and effect of algal diet. *Journal of Experimental Marine Biology and Ecology*, (414-415): 44-53. (SCI).
131. Dahms, H.-U., L.-C. Tseng, S.-H. Hsiao, Q.-C. Chen, B.-R. Kim and J.-S. Hwang*, 2012. Biodiversity of Planktonic Copepods in the Lanyang River (Northeastern Taiwan), a Typical Watershed of Oceania. *Zoological Studies*, 51(2): 160-174. (SCI).
132. Mahjoub, M.-S., R. Kumar, S. Souissi, F. G. Schmitt and J.-S. Hwang*, 2012. Turbulence effects on the feeding dynamics in European sea bass (*Dicentrarchus labrax*) larvae. *Journal of Experimental Marine Biology and Ecology*, (416-417): 61-67. (SCI).
133. Mantha, G., M. S. N. Moorthy, K. Altaff, H.-U. Dahms, W. O. Lee, K. Sivakumar and J.-S. Hwang*, 2012. Seasonal shifts of meiofaunal community structures on sandy beaches along the Chennai coast, India. *Crustaceana*, 85(1): 27-53. (SCI).
134. Kumar, R., S. Souissi and J.-S. Hwang, 2012. Vulnerability of carp larvae to copepod predation as a function of larval age and body length. *Aquaculture*, (338-341): 274-283. (SCI).
135. Kovendan, K., K. Murugan, A. Naresh Kumar, S. Vincent and J.-S. Hwang, 2012. Bioefficacy of larvicidal and pupicidal properties of *Carica papaya* (Caricaceae) leaf extract and bacterial insecticide, spinosad, against chikungunya vector, *Aedes aegypti* (Diptera: Culicidae). *Parasitology Research*, 110(2): 669-678. (SCI).
136. Chen, M.-R., M. Moison, J. C. Molinero and J.-S. Hwang*, 2012. Assessing the effect of food and light on *Calanus sinicus* swimming behavior through video-recording experiments. *Journal of Experimental Marine Biology and Ecology*, (422-423): 14-19. (SCI).

137. Mantha, G., M. S. N. Moorthy, K. Altaff, H. U. Dahms, K. Sivakumar and J.-S. Hwang*, 2012. Community structure of Harpacticoida (Crustacea: Copepoda) from the coast of Chennai, India. *Zoological Studies*, 51(4):463-475. (SCI).
138. Michalec, F.-G., M. Holzner, J.-S. Hwang and S. Souissi, 2012. Three dimensional observation of salinity-induced changes in the swimming behavior of the estuarine calanoid copepod *Pseudodiaptomus annandalei*, *Journal of Experimental Marine Biology and Ecology*, 438: 24-31. (SCI).
139. Dur, G., S. Souissi, F. G. Schmitt, S.-H. Cheng and J.-S. Hwang*, 2012. Sex ratio and mating behavior in the calanoid copepod *Pseudodiaptomus annandalei*. *Zoological Studies*, 51(5):589-597. (SCI).
140. López-López, L., J. C. Molinero, L.-C. Tseng, Q.-C. Chen, J.-W. Hwang and J.-S. Hwang*, 2012. Effects of typhoons on gelatinous carnivore zooplankton off Northern Taiwan. *Cahiers de Biologie Marine*, 53(3):349-355. (SCI).
141. Kumar, K. P., K. Murugan, K. Kovendan, A. N. Kumar, J.-S. Hwang and D. R. Barnard, 2012. Combined effect of seaweed (*Sargassum wightii*) and *Bacillus thuringiensis* var. *israelensis* on the coastal mosquito, *Anopheles sundanicus*, in Tamil Nadu, India. *ScienceAsia*, 38(2):141-146. (SCI).
142. Chang, H.-Y., S.-H. Wu, K.-T. Shao, W.-Y. Kao, C.-J. W. Maa, R.-Q. Jan, L.-L. Liu, C.-S. Tzeng, J.-S. Hwang, H.-L. Hsieh, S.-J. Kao, Y.-K. Chen and H.-J. Lin, 2012. Longitudinal variation in food sources and their use by aquatic fauna along the length of a subtropical river in Taiwan. *Freshwater Biology*, 57(9):1839-1853. (SCI).
143. Kalimuthu, K., K. Murugan, C. Panneerselvam and J.-S. Hwang, 2012. Mosquito larvicidal activity of *Cadaba indica* lam leaf extracts against the dengue vector, *Aedes aegypti*. *Asian Journal of Plant Science and Research*, 2 (5):633-637.
144. Priyadarshini, K. A., K. Murugan, C. Panneerselvam, S. Ponarulselvam, J.-S. Hwang and M. Nicoletti, 2012. Biolarvicidal and pupicidal potential of silver nanoparticles synthesized using *Euphorbia hirta* against *Anopheles stephensi* Liston (Diptera: Culicidae). *Parasitology Research*, 111(3):997-1006. (SCI).
145. Murugan, K., P. M. Kumar, K. Kovendan, D. Amerasan, J. Subramaniam and J.-S. Hwang, 2012. Larvicidal, pupicidal, repellent and adulticidal activity of Citrus sinensis orange peel extract against *Anopheles stephensi*, *Aedes aegypti* and *Culex quinquefasciatus* (Diptera: Culicidae). *Parasitology Research*, 111(4):1757-1769. (SCI).
146. Kovendan, K., K. Murugan, S. P. Shanthakumar, S. Vincent and J.-S. Hwang, 2012. Larvicidal activity of *Morinda citrifolia* L. (Noni) (Family: Rubiaceae) leaf extract against *Anopheles stephensi*, *Culex quinquefasciatus*, and *Aedes aegypti*. *Parasitology Research*, 111(4):1481-1490. (SCI).
147. Tseng, L.-C., H.-U. Dahms, Q.-C. Chen and J.-S. Hwang*, 2012. Mesozooplankton and copepod community structures in the southern East China Sea: the status during the monsoonal transition period in September. *Helgoland Marine Research*, 66(4):621-634. (SCI). (DOI: 10.1007/s10152-012-0296-1)
148. 黃將修、吳政翰、Dahms, Hans-Uwe, 2012。以橈足類做為海水養殖仔稚魚之活餌飼料。海洋及水下科技, 22(3): 35-39。
149. 黃將修、曾立鈞、Dahms, Hans-Uwe, 2012。以中華哲水蚤 (*Calanus sinicus* (Brodsky, 1962)) 作為海流之指標及其在台灣周圍海域之生物資源的重要性之回顧。海洋及水下科技, 22(3): 40-49。
150. Amerasan, D., K. Murugan, K. Kovendan, P. M. Kumar, C. Panneerselvam, J. Subramaniam, S. J. William and J.-S. Hwang, 2012. Adulticidal and repellent properties of *Cassia tora* Linn. (Family: Caesalpinaceae) against *Culex quinquefasciatus*, *Aedes aegypti*, and *Anopheles stephensi*. *Parasitology Research*, 111(5):1953-1964. (SCI).
151. Murugan, K., P. Madhiyazhagan, A. Nareshkumar, T. Nataraj, D. Dinesh, J.-S. Hwang and M. Nicoletti, 2012. Mosquitocidal and water purification properties of *Ocimum sanctum* and *Phyllanthus emblica*. *Journal of Entomological and Acarological Research*, 44:e17.
152. Awasthi, A. K., C.-H. Wu, K.-H. Tsai, C.-C. King and J.-S. Hwang*, 2012. How does ambush predatory copepod *Megacyclops formosanus* (Harada 1931) capture mosquito larvae, *Aedes aegypti*? *Zoological Studies*, 51(7):927-936. (SCI).

153. Awasthi, A. K., C.-H. Wu and J.-S. Hwang*, 2012. Diving as an anti-predator behavior in mosquito pupae. *Zoological Studies*, 51(8):1225-1234. (SCI).
154. Chan, I., S.-H. Peng, C.-F. Chang, J.-J. Hung and J.-S. Hwang*, 2012. Effects of acidified seawater on the skeleton structure of the scleractinian coral, evidence identified by SEM. *Zoological Studies*, 51(8):1319-1331. (SCI).
155. Chou, C., L.-C. Tseng, C.-H. Ou, Q.-C. Chen, J.-S. Hwang*, 2012. Seasonal succession of planktonic copepods in bight environments of Northeastern Taiwan. *Zoological Studies*, 51(8):1380-1396. (SCI).

2011

156. Kâ, S. and J.-S. Hwang*, 2011. Mesozooplankton Distribution and Composition on the Northeastern Coast of Taiwan during Autumn: Effects of the Kuroshio Current and Hydrothermal Vents. *Zoological Studies*, 50(2): 155-163. (SCI).
157. Sanoamuang, L.-O. and J.-S. Hwang (eds.), 2011. Preface of Copepoda: Biology and Ecology, Proceedings of 10th International Conference on Copepoda. *Hydrobiologia*, 666(1): 1. (SCI).
158. Hwang, J.-S. and K. Martens (eds.), 2011. Preface of Zooplankton Behavior and Ecology, Proceedings of the conference on “Zooplankton behavior, ecology and aquaculture”. *Hydrobiologia*, 666(1): 179. (SCI).
159. Buttino, I., J.-S. Hwang, C.-K. Sun, C.-T. Hsieh, T.-M. Liu, D. Pellegrini, A. Ianora, D. Sartori, G. Romano, S.-H. Cheng and A. Miralto, 2011. Apoptosis to predict copepod mortality: state of the art and future perspectives. *Hydrobiologia*, 666: 257-264. (SCI).
160. Cailleaud, K., F. G. Michalec, J. Forget-Leray, H. Budzinski, J.-S. Hwang, F. G. Schmitt, and S. Souissi, 2011. Changes in the swimming behavior of *Eurytemora affinis* (Copepoda, Calanoida) in response to a sub-lethal exposure to nonylphenols. *Aquatic Toxicology*, 112: 228-231. (SCI).
161. Mahjoub, M. S., S. Souissi, F. G. Schmitt, F.-H. Nan and J.-S. Hwang, 2011. Anisotropy and shift of search behavior in Malabar grouper (*Epinephelus malabaricus*) larvae in response to prey availability. *Hydrobiologia*, 666: 215-222. (SCI).
162. Chang, Y.-C., J.-C. Yan, J.-S. Hwang, C.-H. Wu and M.-T. Lee, 2011. Data-Oriented Analyses of Ciliate Foraging Behaviors. *Hydrobiologia*, 666: 223-237. (SCI).
163. Tseng, L.-C., H.-U. Dahms, J.-J. Hung, Q.-C. Chen and J.-S. Hwang*, 2011. Can different mesh sizes affect the results of copepod community studies? *Journal of Experimental Marine Biology and Ecology*, 398: 47-55. (SCI).
164. Dur, G., S. Souissi, F. Schmitt, F.G. Michalec, M.S. Mahjoub and J.-S. Hwang*, 2011. Effects of animal density, volume, and the use of 2D / 3D recording on behavioral studies of copepods. *Hydrobiologia*, 666: 197-214. (SCI).
165. Tseng, L.-C., R. Kumar, Q.-C. Chen and J.-S. Hwang*, 2011. Summer distribution of *Noctiluca scintillans* and mesozooplankton in the Western and Southern East China Sea prior to the Three Gorges Dam operation. *Hydrobiologia*, 666: 239-256. (SCI).
166. Tseng, L.-C., H.-U. Dahms, N.-J. Hsu and J.-S. Hwang*, 2011. Effects of sedimentation on the gorgonian *Subergorgia suberosa* (Pallas, 1766). *Marine Biology*, 158: 1301-1310. (SCI).
167. Lee, C.-H., H.-U. Dahms, S.-H. Cheng, S. Souissi, F. G. Schmitt, R. Kumar and J.-S. Hwang*, 2011. Mating behaviour of *Pseudodiaptomus annandalei* (Copepoda, Calanoida) at calm and hydrodynamically disturbed waters. *Marine Biology*, 158: 1085-1094. (SCI).
168. Cheng, S.-H., S. Kâ, R. Kumar, C.-S. Kuo and J.-S. Hwang*, 2011. Effects of salinity, food level and the presence of microcrustacean zooplankters on the population dynamics of rotifer *Brachionus rotundiformis*. *Hydrobiologia*, 666: 289-299. (SCI).
169. Tseng, L.-C., R. Kumar, Q.-C. Chen and J.-S. Hwang*, 2011. Faunal shift between two copepod congeners (*Temora discaudata* and *T. turbinata*) in the vicinity of two Nuclear Power Plants in Southern East China Sea: Spatiotemporal patterns of Population trajectories over a decade. *Hydrobiologia*, 666: 301-315. (SCI).
170. Hsiao, S.-H., S. Kâ, T.-H. Fang and J.-S. Hwang*, 2011. Zooplankton assemblages as indicators of seasonal changes in water masses in the boundary waters between the East China Sea and the Taiwan Strait. *Hydrobiologia*, 666: 317-330. (SCI).

171. Murugan, K., J.-S. Hwang*, K. Kovendan, K. Prasanna Kumar, C. Vasugi and A. Naresh Kumar, 2011. Use of Plant Products and Copepods for Control of the Dengue Vector, *Aedes aegypti*. *Hydrobiologia*, 666: 331-338. (SCI).
 172. Wu, C.-H., H.-U. Dahms, S.-H. Cheng and J.-S. Hwang*, 2011. Effects of food and light on naupliar swimming behavior of *Apocyclops royi* and *Pseudodiaptomus annandalei* (Crustacea, Copepoda). *Hydrobiologia*, 666: 167-178. (SCI).
 173. Dur, G., S. Souissi, F. G. Schmitt, D. Beyrend-Dur and J.-S. Hwang*, 2011. Mating and mate choice in *Pseudodiaptomus annandalei* (Copepoda: Calanoida). *Journal of Experimental Marine Biology and Ecology*, 402: 1-11. (SCI).
 174. Beyrend-Dur, D., R. Kumar, T. R. Rao, S. Souissi, S.-H. Cheng and J.-S. Hwang, 2011. Demographic parameters of adults of *Pseudodiaptomus annandalei* (Copepoda: Calanoida): Temperature-salinity and generation effects. *Journal of Experimental Marine Biology and Ecology*, 404: 1-14. (SCI).
 175. Mahjoub, M.-S., S. Souissi, F.-G. Michalec, F. G. Schmitt and J.-S. Hwang, 2011. Swimming kinematics of *Eurytemora affinis* (Copepoda, Calanoida) reproductive stages and differential vulnerability to predation of larval *Dicentrarchus labrax* (Teleostei, Perciformes). *Journal of Plankton Research*, 33(7): 1095-1103. (SCI).
 176. Peng, S.-H., J.-J. Hung and J.-S. Hwang, 2011. Bioaccumulation of trace metals in the submarine hydrothermal vent crab *Xenograpsus testudinatus* off Kueishan Island, Taiwan. *Marine Pollution Bulletin*, 63: 396-401. (SCI).
 177. Hsiao, S.-H., J.-S. Hwang and T.-H. Fang, 2011. Copepod species and their trace metal contents in coastal northern Taiwan. *Journal of Marine Systems*, 88: 232-238. (SCI).
 178. Chang, Y.-S., T.-C. Chen, W.-J. Liu, J.-S. Hwang, G.-H. Kou and C.-F. Lo, 2011. Assessment of the Roles of Copepod *Apocyclops royi* and Bivalve Mollusk *Meretrix lusoria* in White Spot Syndrome Virus Transmission. *Marine Biotechnology*, 13(5): 909-917. (SCI).
 179. Hsiao, S.-H., T.-H. Fang, C.-t. Shih and J.-S. Hwang*, 2011. Effects of the Kuroshio Current on Copepod Assemblages in Taiwan. *Zoological Studies*, 50(4): 475-490. (SCI).
 180. Murugan, K., A. N. Kumar, K. Kovendan, K. Prasannakumar, J.-S. Hwang and D. R. Barnard, 2011. Integration of botanicals and microbial insecticides for the control of dengue vector, *Aedes aegypti* (Insecta: Diptera: Culicidae): In Perspectives in Animal Ecology and Reproduction Ed. By V. K. Gupta, Anil K. Verma and G. D. Singh, Vol.8. Daya Publishing House, Delhi, India, pp.34-82.
 181. Buttino, I., D. Pellegrini, G. Romano, J.-S. Hwang, T.-M. Liu, D. Sartori, C.-K. Sun, S. Macchi and A. Ianora, 2011. Study of apoptosis induction using fluorescent and higher harmonic generation microscopy techniques in *Acartia tonsa* nauplii exposed to chronic concentrations of nickel. *Chemistry and Ecology*, 27(Supplement 2): 97-104. (SCI).
- 2010**
182. Hsiao, S.-H., J.-S. Hwang and T.-H. Fang, 2010. The heterogeneity of the contents of trace metals in the dominant copepod species in the seawater around northern Taiwan. *Crustaceana*, 83(2): 179-194. (SCI).
 183. Yang, W.-X., I. Mirabdullayev, H.-U. Dahms, S. Chullasorn and J.-S. Hwang*, 2010. Karyology of *Cyclops insignis*, *Thermocyclops crassus*, and *Megacyclops viridis* (Copepoda, Cyclopoida). *Crustaceana*, 83(2): 223-231. (SCI).
 184. Dahms, H.-U. and J.-S. Hwang*, 2010. Perspectives of underwater optics in biological oceanography and plankton ecology studies. *Journal of Marine Science and Technology-Taiwan*, 18(1): 112-121. (SCI).
 185. Dur, G., S. Souissi, F. G. Schmitt, S.-H. Cheng and J.-S. Hwang*, 2010. The different aspects in motion of the three reproductive stages of *Pseudodiaptomus annandalei* (Copepoda, Calanoida). *Journal of Plankton Research*, 32(4): 423-440. (SCI).
 186. Wu, C.-H., H.-U. Dahms, E. J. Buskey, J. R. Strickler and J.-S. Hwang*, 2010. Behavioral interactions of the copepod *Temora turbinata* with potential ciliate prey. *Zoological Studies*, 49(2): 157-168. (SCI).
 187. Hwang*, J.-S., R. Kumar, H.-U. Dahms, L.-C. Tseng and Q.-C. Chen, 2010. Interannual, seasonal, and diurnal variation in vertical and horizontal distribution patterns of 6 *Oithona*

- spp. (Copepoda: Cyclopoida) in the South China Sea. *Zoological Studies*, 49(2): 220-229. (SCI).
188. Alekseev, V. R., A. Markrushin and J.-S. Hwang*, 2010. Does the survivorship of activated resting stages in toxic environments provide cues for ballast water treatment? *Marine Pollution Bulletin*, 61: 254-258. (SCI).
 189. Hwang*, J.-S., R. Kumar, C.-W. Hsieh, A. Y. Kuo, S. Souissi, M.-H. Hsu, J.-T. Wu, W.-C. Liu, C.-F. Wang and Q.-C. Chen, 2010. Patterns of zooplankton distribution along the marine, estuarine and riverine portions of the Danshuei ecosystem in northern Taiwan. *Zoological Studies*, 49(3): 335-352. (SCI).
 190. Vandromme, P., F. G. Schmitt, S. Souissi, E. J. Buskey, J. R. Strickler, C.-H. Wu and J.-S. Hwang*, 2010. Symbolic Analysis of Plankton Swimming Trajectories: Case Study of *Strobilidium* sp. (PROTISTA) Helical Walk under Various Food Conditions. *Zoological Studies*, 49(3): 289-303. (SCI).
 191. Souissi, A., S. Souissi, D. Devreker and J.-S. Hwang, 2010. Occurrence of intersexuality in a laboratory culture of the copepod *Eurytemora affinis* from the Seine estuary (France). *Marine Biology*, 157(4): 851-861. (SCI).
 192. Michalec, F.-G., S. Souissi, G. Dur, M.-S. Mahjoub, F. G. Schmitt and J.-S. Hwang, 2010. Differences in behavioral responses of *Eurytemora affinis* (Copepoda, Calanoida) reproductive stages to salinity variations. *Journal of Plankton Research*, 32(6): 805-813. (SCI).
 193. Chen, M.-R., S. Kâ and J.-S. Hwang*, 2010. Diet of the copepod *Calanus sinicus* Brodsky, 1962 (Copepoda, Calanoida, Calanidae) in northern coastal waters of Taiwan during the Northeast Monsoon period. *Crustaceana*, 83(7): 851-864. (SCI).
 194. Souissi, S., F.-G. Michalec, G. Dur, M.-S. Mahjoub, F. G. Schmitt and J.-S. Hwang, 2010. How does salinity influence the swimming speed of the estuarine calanoid copepod *Eurytemora affinis*? Reply, *Journal of Plankton Research*, 32(8): 1227-1229. (SCI).
 195. Lee, C.-H., H.-U. Dahms, S.-H. Cheng, S. Souissi, F. G. Schmitt, R. Kumar and J.-S. Hwang*, 2010. Predation on *Pseudodiaptomus annandalei* (Copepoda: Calanoida) by the grouper fish larvae *Epinephelus coioides* under different hydrodynamic conditions. *Journal of Experimental Marine Biology and Ecology*, 393: 17-22. (SCI).
 196. 曾立鈞、Isani Chan、彭紹宏、黃將修*, 2010。海洋環境污染對軟木軟柳珊瑚之衝擊。海洋及水下科技, 20(3): 42-49。
 197. 譚漢詩、黃將修*, 2010。台灣龜山島海域熱泉湧出的天然污染物對浮游生物所產生的衝擊。海洋及水下科技, 20(3): 50-56。
 198. 譚漢詩、吳政翰、黃將修*, 2010。浮游生物在污染環境中的行為研究。海洋及水下科技, 20(3): 57-62。
- 2009**
199. Chullasorn, S., W. X. Yang, H.-U. Dahms, P. Kangtia, M. Holinska, W. Anansatitporn, L. O. Sanoamuang and J.-S. Hwang*, 2009. Naupliar Development of *Eucyclops* cf. *serrulatus tropicalis*, *Euc.* cf. *spatulatus*, and *Ectocyclops medius* Kiefer, 1930 (Copepoda, Cyclopidae). *Zoological Studies*, 48(1): 12-32. (SCI).
 200. Hwang*, J.-S., S. Souissi, H.-U. Dahms, L.-C. Tseng, F. G. Schmitt and Q.-C. Chen, 2009. Rank-Abundance Allocations as a Tool to Analyze Planktonic Copepod Assemblages off the Danshuei River Estuary (Northern Taiwan). *Zoological Studies*, 48(1): 49-62. (SCI).
 201. Yang, W. X., I. Mirabdullayev, H.-U. Dahms and J.-S. Hwang*, 2009. Karyology of *Acanthocyclops* Kiefer, 1927 (Copepoda, Cyclopoida), – including the first karyological reports on *Acanthocyclops Trajani* Mirabdullayev & Defaye, 2002, and *A. EINSLEI* Mirabdullayev & Defaye, 2004. *Crustaceana*, 82(4): 487-492. (SCI).
 202. Dur, G., S. Souissi, D. Devreker, V. Ginot, F. G. Schmitt and J.-S. Hwang, 2009. An individual based model to study the reproduction of egg bearing copepods: application to *Eurytemora affinis* (Copepoda Calanoida) from the Seine estuary, France. *Ecological Modelling*, 220: 1073-1089. (SCI).
 203. Moison, M., F. G. Schmitt, S. Souissi, L. Seuront and J.-S. Hwang, 2009. Symbolic dynamics and entropies of copepod behaviour under non-turbulent and turbulent conditions. *Journal of Marine Systems*, 77: 388-396. (SCI).

204. Beyrend-Dur, D., S. Souissi, D. Devreker, G. Winkler and J.-S. Hwang, 2009. Life Cycle Traits of Two Transatlantic Populations of *Eurytemora affinis* (Copepoda: Calanoida): Salinity effects. *Journal of Plankton Research*, 31(7): 713-728. (SCI).
 205. Hwang*, J.-S., R. Kumar and C.-S. Kuo, 2009. Impact of predation by the copepod, *Mesocyclops pehpeiensis* on life table demography and population dynamics of four cladoceran species: a comparative laboratory study. *Zoological Studies*, 48(6): 738-752. (SCI).
 206. Tseng, L.-C., H.-U. Dahms, Q.-C. Chen and J.-S. Hwang*, 2009. Copepod feeding study in the upper layer of the subtropical South China Sea. *Helgoland Marine Research*, 63(4): 327-337. (SCI).
 207. Ki, J.-S., H.-U. Dahms, J.-S. Hwang* and J.-S. Lee, 2009. The complete mitogenome of the hydrothermal vent crab *Xenograpsus testudinatus* (Decapoda, Brachyura) and comparison with brachyuran crabs. *Comparative Biochemistry and Physiology, Part D*, 4(4): 290-299. (SCI).
 208. Liu, P.-J., K.-T. Shao, H.-J. Lin, T.-Y. Fan, R.-Q. Jan, S.-L. Wong, J.-S. Hwang, J.-P. Chen and C.-C. Chen, 2009. A trophic model of fringing coral reefs in Nanwan Bay, southern Taiwan suggests overfishing. *Marine Environmental Research*, 68: 106-117. (SCI).
- 2008**
209. Tseng, L.-C., H.-U. Dahms, Q.-C. Chen and J.-S. Hwang*, 2008. Copepod assemblages of the northern South China Sea. *Crustaceana*, 81(1): 1-22. (SCI).
 210. Tseng, L.-C., R. Kumar, H.-U. Dahms, Q.-C. Chen and J.-S. Hwang*, 2008. Monsoon driven seasonal succession of copepod assemblages in the coastal waters of the northeastern Taiwan Strait. *Zoological Studies*, 47(1): 46-60. (SCI).
 211. Tseng, L.-C., S. Souissi, H.-U. Dahms, Q.-C. Chen and J.-S. Hwang*, 2008. Copepod communities related to water masses in the southwest East China Sea. *Helgoland Marine Research*, 62(2): 153-165. (SCI).
 212. Hwang*, J.-S., H.-U. Dahms and V. Alekseev, 2008. Novel nursery habitat of hydrothermal vent crabs. *Crustaceana*, 81(3): 375-380. (SCI).
 213. Cheng, S.-H., C.-H. Lee, H.-U. Dahms and J.-S. Hwang*, 2008. Homosexual mating in the planktonic copepod *Pseudodiaptomus Annandalei* (COPEPODA: CALANOIDA). *Journal of Crustacean Biology*, 28(3): 580-582. (SCI).
 214. Kumar, R. and J.-S. Hwang*, 2008. Ontogenetic shifts in the ability of the cladoceran, *Moina macrocopa* Straus and *Ceriodaphnia cornuta* SARS to utilize ciliated protists as food source. *International Review of Hydrobiology*, 93(3): 284-296. (SCI).
 215. Tse, P., S. Souissi, J.-S. Hwang, Q.-C. Chen and C.-K. Wong, 2008. Spatial and seasonal variations in chaetognath assemblages in the subtropical coastal waters of Hong Kong. *Zoological Studies*, 47(3): 258-267. (SCI).
 216. Tseng, L.-C., R. Kumar, H.-U. Dahms, Q.-C. Chen and J.-S. Hwang*, 2008. Copepod gut contents, ingestion rates and feeding impact in relation to their size structure in the southeastern Taiwan strait. *Zoological Studies*, 47(4): 402-416. (SCI).
 217. Tseng, L.-C., R. Kumar, H.-U. Dahms, C.-T. Chen, Q.-C. Chen and J.-S. Hwang*, 2008. Epipelagic mesozooplankton succession and community structure above a marine outfall in the northeastern South China Sea. *Journal of Environmental Biology*, 29(3): 275-280. (SCI).
 218. Tseng, L.-C., R. Kumar, H.-U. Dahms, C.-T. Chen, S. Souissi, Q.-C. Chen and J.-S. Hwang*, 2008. Copepod community structure over a marine outfall area in the northeastern South China Sea. *Journal of the Marine Biological Association UK*, 88(5): 955-966. (SCI).
 219. Mahjoub, M. S., O. Anneville, J. C. Molinero, S. Souissi and J.-S. Hwang*, 2008. Feeding Mechanism and capture success of European whitefish (*Coregonus Lavaretus* L.) Larvae. *Knowledge and Management of Aquatic Ecosystems (BFPP-Connaissance et Gestion du Patrimoine Aquatique)*, 388(5): 1-14. (SCI).
 220. Yang, W. X., H.-U. Dahms and J.-S. Hwang*, 2008. A Review of karyological studies on the cyclopoida (copepoda). *Crustaceana*, 81(10): 1229-1240. (SCI).
 221. Kumar, R., P. Muhid, H.-U. Dahms, L.-C. Tseng and J. S. Hwang*, 2008. The potential of

three aquatic predators to control mosquitoes in the presence of alternative prey: a comparative experimental assessment. *Marine and Freshwater Research*, 59: 817-835. (SCI).

222. Malajvin, S., N. Berezina and J.-S. Hwang, 2008. A finding of *Chelicorophium curvispinum* (Amphipoda, Crustacea) in the Gulf of Finland (the Baltic Sea). *Zoologicheskyy Zhurnal*, 87(6): 643-649. (SCI).

2007

223. Twan, W.-H., Y.-H. Lee, H.-F. Wu, W.-S. Yueh, S.-R. Jeng, J.-S. Hwang and C.-F. Chang, 2007. Conserved roles of hormones in the reproduction of the scleractinian coral *Euphyllia ancora*. *Journal of Fisheries Society of Taiwan*, 34: 1-9.
224. Dur, G., J.-S. Hwang*, S. Souissi, L. C. Tseng, C. H. Wu, S. H. Hsiao and Q. C. Chen, 2007. An overview of the influence of hydrodynamics on the spatial and temporal patterns of calanoid copepod communities around Taiwan. *Journal of Plankton Research*, 29(1): i97-i116. (SCI).
225. Hwang*, J.-S., R. Kumar, H.-U. Dahms, L.-C. Tseng and Q.-C. Chen, 2007. Meshsize affects abundance estimates of *OITHONA* spp. (Copepoda, Cyclopoida). *Crustaceana*, 80(7): 827-837. (SCI).
226. Dahms, H.-U., Q.-F. Gao and J.-S. Hwang*, 2007. Optimized maintenance and larval production of the bryozoan *Bugula neritina* (Bryozoa) in the laboratory. *Aquaculture*, 265: 169-175. (SCI).
227. Wang, C. F., M. H. Hsu, W. C. Liu, J.-S. Hwang, J. T. Wu and A. Y. Kuo, 2007. Simulation of Water Quality and Plankton Dynamics in the Danshuei River Estuary, Taiwan. *Journal of Environmental Science and Health, Part A*, 42(7): 933-953. (SCI).
228. Dahms, H.-U.、黃將修*, 2007。以遙控載具追蹤南極磷蝦。海洋及水下科技, 17(2): 3-8。
229. Dahms, H.-U.、Bernd Mueller、黃將修*, 2007。聲波探測小型浮游動物-以橈足類幼生為例。海洋及水下科技, 17(2): 37-39。
230. Dahms, H.-U., S. Chullasorn, P. Kangtia, F. D. Ferrari and J.-S. Hwang*, 2007. Naupliar development of *Tigriopus japonicus* Mori, 1932 (Harpacticidae, Copepoda). *Zoological Studies*, 46(6): 746-759. (SCI).
231. Hwang*, J.-S., H.-U. Dahms, L.-C. Tseng and Q.-C. Chen, 2007. Intrusions of the Kuroshio Current in the northern South China Sea affect copepod assemblages of the Luzon Strait. *Journal of Experimental Marine Biology and Ecology*, 352: 12-27. (SCI).

2006

232. Fang, T.-H., J.-S. Hwang, S.-H. Shiao and H.-Y. Chen, 2006. Trace metals in seawater and copepods in the ocean outfall area off the northern Taiwan coast. *Marine Environmental Research*, 61: 224-243. (SCI).
233. Schmitt, F. G., L. Seuront, J.-S. Hwang, S. Souissi and L.-C. Tseng, 2006. Scaling of swimming sequences in copepod behavior: data analysis and simulation. *Physica A: Statistical Mechanics and its Applications*, 364: 287-296. (SCI).
234. Peng, S.-H., J.-S. Hwang, T.-H. Fang and T.-P. Wei, 2006. Trace metals in *Austinopecten edulis* (Ngoc-Ho & Chan) (decapoda, thalassinidea, upogebidae) and its habitat sediment from the central western Taiwan coast. *Crustaceana*, 79(3): 263-273. (SCI).
235. Hsiao, S.-H., T.-H. Fang and J.-S. Hwang, 2006. The bioconcentration of trace metals in dominant copepod species off the northern Taiwan coast. *Crustaceana*, 79(4): 459-474. (SCI).
236. Hwang*, J.-S., S. Souissi, L.-C. Tseng, L. Seuront, F.G. Schmitt, L.-S. Fang, S.-H. Peng, C.-H. Wu, S.-H. Hsiao, W.-H. Twan, T.-P. Wei, R. Kumar, T.-H. Fang, Q.-C. Chen and C. K. Wong, 2006. A 5-year study of the influence of the northeast and southwest monsoons on copepod assemblages in the boundary coastal waters between the East China Sea and the Taiwan Strait. *Journal of Plankton Research*, 28(10): 943-958. (SCI).
237. Wong, C. K., X. J. Liu, Y. Y. Siu and J.-S. Hwang, 2006. Study of selective feeding in the marine cladoceran *Penilia avirostris* by HPLC pigment analysis. *Journal of*

Experimental Marine Biology and Ecology, 331 (1): 21-32. (SCI).

238. Twan, W.-H., J.-S. Hwang, Y.-H. Lee, H.-F. Wu, Y.-S. Tung and C.-F. Chang, 2006. Hormones and reproduction in scleractinian corals. *Comparative Biochemistry and Physiology A-Molecular & Integrative Physiology*, 144(3): 247-253. (SCI).
239. Twan, W.-H., J.-S. Hwang, Y.-H. Lee, S.-R. Jeng, W.-S. Yueh, Y.-H. Tung, H.-F. Wu, S. Dufour and C.-F. Chang, 2006. The presence and ancestral role in reproduction of GnRH-like in Scleractinian coral, *Euphyllia ancora*. *Endocrinology*, 147(1): 397-406 (SCI).
240. 黃將修*、吳政翰、魏翠萍、陳俊德、李昭興，2006。潛水調查技術之應用：龜山島島嶼生態之研究。海洋及水下科技，15(4): 31-34。
241. Hwang*, J.-S. and J. R. Strickler, 2006. The underwater applications of Scubar skill and optical technology on zooplankton research in coral reef environments, Ken-Ting, Taiwan. *Journal of Ocean and Underwater Technology, Taiwan*, 15: 35-38.
242. 黃將修*、Hans-Uwe Dahms，2006。高速攝影光學科技在浮游動物行為與生態研究上之應用。海洋及水下科技，16(2): 36-39。
243. 黃將修*、Rudi Strickler，2006。雷射光學科技在海洋浮游動物與底棲固著生物之研究：回顧與前瞻。海洋及水下科技，16(2): 40-45。
244. 黃將修*、Hans-Uwe Dahms、Gael Dur，2006。海底錄影在生物海洋學的應用。海洋及水下科技，16(2): 46-48。
245. Alekseev, V. R., J. S. Hwang and M. H. Tseng, 2006. Diapause in Aquatic Invertebrates: What's Known and What's Next in Research and Medical Application? *Journal of Marine Science and Technology-Taiwan*, 14(4): 269-286. (SCI).
246. Kumar, R. and J.-S. Hwang*, 2006. Larvicidal efficiency of aquatic predators: a perspective in mosquito biocontrol. *Zoological Studies*, 45(4): 447-466. (SCI).

2005

247. Hwang*, J.-S. and C. K. Wong, 2005. The China Coastal Current as a driving force for transporting *Calanus sinicus* (Copepoda: Calanoida) from its population centers to waters of Taiwan and Hong Kong during the winter northeast monsoon period. *Journal of Plankton Research*, 27(2): 205-210. (SCI).
248. 張金標、黃將修、連光山、唐森銘，2005。台灣南灣秋末冬初浮游管水母類多樣性和數量分佈。熱帶海洋學報，24(1): 41-49。
249. Wei, T.-P., J.-S. Hwang*, M.-L. Tsai and L.-S. Fang, 2005. New records of Gall Crabs (Decapoda, Cryptochiridae) from orchid island, Taiwan, Northwestern Pacific. *Crustaceana*, 78(9): 1063-1077. (SCI).
250. Twan, W.-H., H.-F. Wu, J.-S. Hwang, Y.-H. Lee and C.-F. Chang, 2005. Corals have already evolved the vertebrate-type hormone system in the sexual reproduction. *Fish Physiology and Biochemistry*, 31(2-3): 111-115. (SCI).

2004

251. 黃將修*、黃國根、劉兆昕、陳明裕、孫啟光，2004。非侵入式光電倍頻顯微術在浮游橈足類上的研究。海洋技術季刊，13(4): 17-21。
252. Strickler, J. R., J.-S. Hwang*, E. Malkiel, J. Katz and A. Arnodin, 2004. Observing Zooplankters in situ using Optical Signal Processors. *J. Sea Technology (Taiwan)* 13 (4): 31-44. (in Chinese)
253. 陳禾張、黃將修*、連光山，2004。台灣北部附近海域春末浮游動物的組成及分佈特徵。台灣海峽期刊，23(1): 62-68。
254. Lo, W. T., C. T. Shih and J.-S. Hwang, 2004. Diel vertical migration of the planktonic copepods at an upwelling station north of Taiwan, western North Pacific. *Journal of Plankton Research*, 26(1): 89-97. (SCI).
255. Hsiao, S. H., C.-Y. Lee, C. T. Shih and J.-S. Hwang, 2004. Calanoid copepods of the Kuroshio Current east of Taiwan, with notes on the presence of *Calanus jashnovi* Hulseman, 1994. *Zoological Studies*, 43(2): 323-331. (SCI).

- 256.Lo, W. T., J.-S. Hwang and Q. C. Chen, 2004. Spatial distribution of copepods in surface waters of the southeastern Taiwan Strait. *Zoological Studies*, 43(2): 218-228. (SCI).
- 257.Chen, Q.-C., J.-S. Hwang* and J. J. Yin, 2004. A new species of *Tortanus* (Copepoda, Calanoida) from the Nansha Archipelago in the South China Sea. *Crustaceana*, 77(2): 129-135.(SCI).
- 258.Wu, C. H., J.-S. Hwang and J. S. Yang, 2004. Diet of Three Copepods (Poecilostomatoida) in the Southern Taiwan Strait. *Zoological studies*, 43(2): 388-392. (SCI).
- 259.Lo, W. T., C. T. Shih and J.-S. Hwang, 2004. Copepod assemblages and diel vertical migration in the East China Sea, north of Taiwan. *Crustaceana*, 77(8): 955-972. (SCI).
- 260.彭紹宏、黃將修*、熊同銘、黃慕也，2004。四種重金屬離子對側扁軟柳珊瑚的毒性及其攝食行為的影響。台灣海峽期刊，23(3): 293-301。
- 261.Seuront, L., J.-S. Hwang, L.-C. Tseng, F. G. Schmitt, S. Souissi and C.-K. Wong, 2004. Individual variability in the swimming behavior of the sub-tropical copepod *Oncaea venusta* (Copepoda: Poecilostomatoida). *Marine Ecology Progress Series*, 283: 199-217. (SCI).
- 262.Fang, T.-H., J.-F. Chen, Y.-Y. Tu, J.-S. Hwang and W.-T. Lo, 2004. Hydrographical studies of waters adjacent to nuclear power plants I and II in northern Taiwan. *Journal of Marine Science and Technology-Taiwan*, 12(5): 364-371. (SCI).
- 263.Lo, W.-T., J.-J. Hwang, P.-K. Hsu, H.-Y. Hsieh, Y.-Y. Tu, T.-H. Fang and J.-S. Hwang, 2004. Seasonal and Spatial Distribution of Phytoplankton in the Waters off Nuclear Power Plants, North of Taiwan. *Journal of Marine Science and Technology-Taiwan*, 12(5): 372-379. (SCI).
- 264.Hwang*, J.-S., Y.-Y. Tu, L.-C. Tseng, L.-S. Fang, S. Souissi, T.-H. Fang, W.-T. Lo, W.-H. Twan, S.-H. Hsaio, C.-H. Wu, S.-H. Peng, T.-P. Wei and Q.-C. Chen, 2004. Taxonomic composition and seasonal distribution of copepod assemblages from waters adjacent to nuclear power plant I and II in Northern Taiwan. *Journal of Marine Science and Technology-Taiwan*, 12(5): 380-391. (SCI).
- 265.Lin, H.-J., K.-T. Shao, J.-S. Hwang, W.-T. Lo, I.-J. Cheng and L.-H. Lee, 2004. A trophic model for Kuosheng Bay - a system exposed to a nuclear power plant. *Journal of Marine Science and Technology-Taiwan*, 12(5): 424-432. (SCI).

2003

- 266.Hwang, J.-S., Q. C. Chen and C. K. Wong, 2003. Taxonomic Composition, Density and Biomass of Free-Living Copepods in the Coastal Waters of Southwestern Taiwan. *Crustaceana*, 76(2): 193-206. (SCI).
- 267.Twan, W. H., J.-S. Hwang and C. F. Chang, 2003. Sex Steroids in Scleractinian Coral, *Euphyllia ancora*: The Implication in Mass Spawning. *Biology of Reproduction* 68: 2255-2260. (SCI).
- 268.黃克莉、黃將修*、黃慕也，2003。台灣北部近岸海域柳珊瑚體內金屬蓄積之研究。台灣海峽期刊，22(3): 311-318。
- 269.黃將修、張金標、連光山，2003。台灣南灣秋末冬初水螅水母類的組成與分佈。台灣海峽期刊，22(4): 23-30。
- 270.張金標、黃將修、連光山，2003。台灣南灣秋末冬初海樽類的種類組成和數量分佈。海洋通報，22(6): 9-16。
- 271.黃克莉、黃將修*、黃慕也，2003。台灣北部四種軟珊瑚體內十八種金屬累積於共肉組織與中軸骨骼含量之特性分析。台灣海峽期刊，22(4): 499-504。

1987-2002

- 272.Fang, L.-S. and J.-S. Hwang, 1987. Dual mechanisms of energy input into an oyster farm at the Peng-hu Island, *Bulletin of the institute of Zoology, Academia Sinica*, 26(2): 157-163. (SCI).
- 273.Trager*, G. C., J.-S. Hwang and J. R. Strickler, 1990. Barnacle suspension-feeding in variable flow. *Marine Biology*, 105: 117-127. (SCI). (C: 58)

- 274.Hwang*, J.-S., J. T. Turner, J. H. Costello, D. J. Coughlin and J. R. Strickler, 1993. A cinematographic comparison of behavior by the calanoid copepod *Centropages hamatus*: Tethered versus free-swimming animals. *Journal of Experimental Marine Biology and Ecology*, 167: 277-288. (SCI). (C: 29)
- 275.Hwang, J.-S., J. H. Costello and J. R. Strickler, 1994. Copepod grazing in a turbulent flow: elevated foraging behavior and habituation of escape responses. *Journal of Plankton Research*, 16(5): 421-431. (SCI). (C: 50)
- 276.Hwang*, J.-S. and J. R. Strickler, 1994. Effects of periodic turbulent events upon escape responses of a calanoid copepod, *Centropages hamatus*. *Bulletin of Plankton Society of Japan*, 41(2): 117-130. (C: 18)
- 277.Fautin, D.G., C.C. Guo and J.-S. Hwang, 1995. Costs and benefits of the anemoneshrimps *Periclimenes brevicarpalis* and its host *Entacmaea quadricolor*. *Marine Ecology Progress Series*, 129: 77-84. (SCI).
- 278.Hwang, J.-S. and J. T. Turner, 1995. Behavior of Cyclopoid, Harpacticoid and Calanoid copepods from coastal waters of Taiwan. *Marine Ecology-An Evolutionary Perspective*, 16(3): 207-216. (SCI).
- 279.Hong, E., C.-H. Tsai, J.-S. Hwang and C.-H. Ou, 1995. A preliminary geological survey off the Tanshui Estuary. *Ti-Chih*, 15(1): 49-67.
- 280.Guo, C. C., J.-S. Hwang and D. G. Fautin, 1996. Host Selection by Shrimps Symbiotic With Sea Anemones: a Field Survey and Experimental Laboratory Analysis. *Journal of Experimental Marine Biology and Ecology*, 202: 165-176. (SCI).
- 281.Hong, E., J.-S. Hwang, C. H. Tsai and C. H. Ou, 1996. A Study on the Bathymetry and Sediment Distribution off the Tanshui Estuary, *Acta Oceanographica Taiwanica*, 35(1):41-54.
- 282.Hwang*, J.-S., Q. C. Chen and C. K. Wong, 1998. Taxonomic Composition and Grazing Rates of Calanoid Copepods in Coastal Waters of Northern Taiwan. *Crustaceana*, 71(4): 378-389. (SCI).
- 283.Chen, Q. C., J.-S. Hwang and C. K. Wong, 1998. Characteristic of Zooplankton in Northern Coastal Taiwan During NE Monsoon Initial Period. *Journal of Oceanography in Taiwan Strait (In Chinese)*, 17(1): 87-90.
- 284.Sun, R., J.-S. Hwang and Q. C. Chen, 1998. Notes on Some Pelagic Polychaeta from the North-Eastern and North-Western Coastal Water of Taiwan. *Journal of Oceanography in Taiwan Strait (In Chinese)*, 17(3): 351-354.
- 285.Hwang, J.-S., 1998. The Action Patterns of *Centropages hamatus* Using a Tethering Techniques. *Journal of the Fisheries Society of Taiwan*, 25(1): 57-71.
- 286.Wong, C. K., J.-S. Hwang* and Q. C. Chen, 1998. Taxonomic Composition and Grazing Impact of Calanoid Copepods in Coastal Waters Near Nuclear Power Plants in Northern Taiwan. *Zoological Studies*, 37(4): 330-339. (SCI).
- 287.黃將修, J. Yen and J. R. Strickler, 1998。從橈足類的微觀與宏觀世界談起。 生命科學簡訊 (Life Sciences Newsletter, NSC), 12(7): 6-8。
- 288.Chen, Q. C. and J.-S. Hwang*, 1999, A New Species of *Tortanus* (Copepoda: Calanoida) from Taiwan, *Crustaceana*, 72(3): 265-271. (SCI)
- 289.黃將修*、施明昌, 1999。水下無人載具與雷射影像技術在海洋微生物研究的應用。 海下技術, 9(2): 30-36。
- 290.Strickler, J. R. and J.-S. Hwang, 1999. Matched Spatial Filters in Long Working Distance Microscopy of Phase Objects, Wu, J. L., P. P. Hwang, G. Wong, H. Kim, P. C. Cheng, Ed. by, *Focus on Multidimensional Microscopy*, World Scientific Publishing Co., Singapore, 2: 217-239.
- 291.Hwang*, J.-S., Q. C. Chen, W. T. Lo and M. P. Chen, 2000. Taxonomic Composition and Abundance of the Copepods in the Northern South China Sea. *Journal of Taiwan Museum*, 10: 101-108.
- 292.Lo, W. T. and J.-S. Hwang, 2000. The Diel Vertical Distribution of Zooplankton in the Northern South China Sea. *Journal of Taiwan Museum*, 10: 59-73.
- 293.Shih, C. T., J.-S. Hwang and W. B. Huang, 2000. Planktonic Copepods from an Upwelling Station North of Taiwan, Western North Pacific. *Journal of Taiwan*

Museum, 10: 19-35.

294. Shih, M. C. and J.-S. Hwang*, 2000. Modified Phase Contrast Microscopy and its Applications to the Observation of Marine Biological Objects. *Journal of Marine Science and Technology-Taiwan*, 8 (1): 61-64. (SCI).
295. Hwang*, J.-S. and J. R. Strickler, 2001. Can Copepods Differentiate Prey from Predator Hydromechanically? *Zoological Studies*, 40(1): 1-6 (SCI). IF:1.014; Ranking: 76/152 Zoology.
296. Lo, W. T., J.-S. Hwang and Q. C. Chen, 2001. Identity and abundance of surface dwelling, coastal copepods of southwestern Taiwan. *Crustaceana*, 74(10): 1139-1157. (SCI). IF:0.473; Ranking: 95/103 Marine & Freshwater Biology.
297. Dai, C. F., K. Soong, C. A. Chen, J.-S. Hwang, T. Y. Fan, H. Y. Hsieh and J. S. Chang, 2002. The status of coral reefs in Taiwan and the conservation problems. *Proceedings of the Fourth Conference on the Protected Areas of East Asia*, p.265-276.

B. 研討會論文

2018 年

1. Lin, C.-M., H.-Y. Lo, L.-C. Tseng, G.-S. Lian and J.-S. Hwang, 2018. Effects of diel vertical migration on assemblage of planktonic copepods in reef environments of southern Taiwan. 2018 台灣水產學會學術論文發表會論文摘要集，台灣，高雄，1 月 19 日，APN-04。
2. Tseng, L.-C., L. Wang, C. Chou, S.-Y. Lo, Y.-N. Wang and J.-S. Hwang, 2018. Responses from the economical bivalve molluscs exposed to the diatom toxin 2-trans, 4-trans decadienal: Biochemical, survival and histological examinations. 2018 台灣水產學會學術論文發表會論文摘要集，台灣，高雄，1 月 19 日，APN-05。
3. 黃仕豪、黃將修、曾立鈞，2018，臺灣龜山島淺海熱泉區烏龜怪方蟹的棲地選擇及偏好。2018 台灣水產學會學術論文發表會論文摘要集，台灣，高雄，1 月 19 日，AP-26。
4. Hwang, J.-S., 2018. An overview on the ecological and biological role of *Calanus sinicus* in the western Pacific Ocean. 第四屆海峽兩岸海洋生物多樣性研討會，8 月 13 - 14 日，中國大陸、廈門。

2017 年

5. Lee, P.-W., L.-C. Tseng and J.-S. Hwang, 2017. The impact of northern nuclear power plant thermal pollution on the zooplankton mortality. 2016 台灣水產學會學術論文發表會論文摘要集，台灣，基隆，1 月 17 日。
6. Chan, Y.-C., E. Blanda, T. A. Rayner, J. K. Højgaard, C.-C. Huang, H.-M. Su and J.-S. Hwang, 2017. Grazing rate of *Pseudodiaptomus annandalei* (Copepoda: Calanoida) differs with rearing density. 2016 台灣水產學會學術論文發表會論文摘要集，台灣，基隆，1 月 17 日。
7. Das, S., L.-C. Tseng and J.-S. Hwang, 2017. Architectural crafts of mud---shrimp *Austinopecten edulis* (Crustacea: Decapoda) in industrial area of Western Taiwan. 2016 台灣水產學會學術論文發表會論文摘要集，台灣，基隆，1 月 17 日。
8. Kadiene, E., C. Bialais, B. Ouddane, J.-S. Hwang and S. Souissi, 2017. Difference in lethal response between male and female calanoid copepod *Eurytemora affinis* and *Pseudodiaptomus annandalei* to cadmium toxicity. 2016 台灣水產學會學術論文發表會論文摘要集，台灣，基隆，1 月 17 日。
9. Hwang, J.-S., L.-C. Tseng, I. Chan and H.-U. Dahms, 2017. Shallow hydrothermal vents as templates for climate change phenomena. 2017 海洋科學年會，高雄、台灣，4-5 May,

10. Tseng, L.-C., Y.-W. Chiu, P. Limviriyakul, P.-H. Ho, C.-Y. Su, C. Chou and J.-S. Hwang, 2017. Diversity and ecological investigation of macrobenthos in acidified seawater environment from the shallow hydrothermal vent area of northwest Pacific Ocean. 2017 海洋科學年會，高雄、台灣，4-5 May, PP-71.
11. Das, S., L.-C. Tseng and J.-S. Hwang, 2017. Architectural craft of mud-shrimp *Austinopecten edulis*(Crustacea: Decapoda) in industrial area of Western Taiwan. 2017 海洋科學年會，高雄、台灣，4-5 May, PP-154.
12. 李佩玟、曾立鈞、黃將修, 2017. 北部核電廠熱污染對浮游動物之影響. 2017 海洋科學年會，高雄、台灣，4-5 May, PP-230.
13. Chan, Y.-C., E. Blanda, T. A. Rayner, J. K. Højgaard, C.-C. Huang, H.-M. Su and J.-S. Hwang, 2017. Grazing rate of *Pseudodiaptomus annandalei* (Copepoda: Calanoida) differs with rearing density. 2017 海洋科學年會，高雄、台灣，4-5 May, PP-250.
14. Hwang, J.-S. L.-C. Tseng and H.-U. Dahms, 2017. Shallow hydrothermal vents affect the marine fauna in Turtle Island off northeastern Taiwan. 第 11 屆海峽兩岸海洋科學研討會。中國山東泰安。8 月 21-24 日。S1-1。
15. Tseng, L.-C., C.-H. Wu, G.-S. Lian and J.-S. Hwang, 2017. Effects of climate change on planktonic copepod community in the north South China Sea. 第 11 屆海峽兩岸海洋科學研討會。中國山東泰安。8 月 21-24 日。S1-11。
16. Tseng, L.-C., S.-H. Hsiao, Q.-C. Chen, K.-T. Shao and J.-S. Hwang, 2017. Dynamic patterns of zooplankton and fish communities in response to climate change in subtropical waters of Northern Taiwan, southern East China Sea. International French-Taiwanese workshop: Challenges in Aquatic Ecosystems: Multidisciplinary Approaches. Keelung, Taiwan, October 24-25, 2017. P.16.
17. Pan, Y.-J. A. Souissi, J.-S. Hwang and S. Souissi, 2017. Key copepod species used for aquaculture in Taiwan: general characteristics and aquaculture potentials. International French-Taiwanese workshop: Challenges in Aquatic Ecosystems: Multidisciplinary Approaches. Keelung, Taiwan, October 24-25, 2017. P.29.
18. Souissi, A., Y.-J. Pan, E. Déposé, B.-W. Hansen, J.-S. Hwang and S. Souissi, 2017. Selective breeding and upscaling techniques in copepod aquaculture. International French-Taiwanese workshop: Challenges in Aquatic Ecosystems: Multidisciplinary Approaches. Keelung, Taiwan, October 24-25, 2017. P.30.
19. Tseng, L.-C., L. Wang, C. Chou, S.-Y. Lo, Y.-N. Wang and J.-S. Hwang, 2017. Responses from the economical bivalve molluscs exposed to the diatom toxin 2-trans, 4-trans decadienal: Biochemical, survival and histological examinations. International French-Taiwanese workshop: Challenges in Aquatic Ecosystems: Multidisciplinary Approaches. Keelung, Taiwan, October 24-25, 2017. P.51.
20. Lee, P.-W., L.-C. Tseng and J.-S. Hwang, 2017. Mortality of mesozooplankton as a results of thermal effluent of two nuclear power plants on the coast of northern Taiwan, southern East China Sea. International French-Taiwanese workshop: Challenges in Aquatic Ecosystems: Multidisciplinary Approaches. Keelung, Taiwan, October 24-25, 2017. P.52.
21. Kadiene, E. U., C. Bialais, B. Ouddane, J.-S. Hwang, S. Souissi, 2017. Cadmium toxicity in calanoid copepods: different response in sexes, reproductive stages and life cycle traits. International French-Taiwanese workshop: Challenges in Aquatic Ecosystems: Multidisciplinary Approaches. Keelung, Taiwan, October 24-25, 2017. P.53.
22. Das, S., L.-C. Tseng and J.-S. Hwang, 2017. Effects of cadmium exposure on antioxidant enzymes and histological alterations in the mud-shrimp *Austinopecten edulis*. International French-Taiwanese workshop: Challenges in Aquatic Ecosystems: Multidisciplinary

Approaches. Keelung, Taiwan, October 24-25, 2017. P.55.

23. Huang, S.-H., L.-C. Tseng and J.-S. Hwang, 2017. Ecological selection and preferences of the *Xenograpsus testudinatus* at shallow hydrothermal vent in Kueishantao Island, Taiwan. International French-Taiwanese workshop: Challenges in Aquatic Ecosystems: Multidisciplinary Approaches. Keelung, Taiwan, October 24-25, 2017. P.59.

2016 年

24. Das, S. and J.-S. Hwang, 2016. Review on behavioral stages and mating of the mud shrimp. 2015 台灣水產學會學術論文發表會論文摘要集，台灣，屏東，1 月 19 日。
25. Kadiene, E., C. Bialais, B. Ouddane, S. Souissi and J.-S. Hwang, 2016. Difference in response between male and female calanoid copepod (*Eurytemora affinis*, seine) to cadmium toxicity. 11th Asian Fisheries and Aquaculture Forum Bangkok, Thailand, 3-7 August 2016. P. 112.
26. Tseng, L.-C., C.-H. Wu, R. Kumar, G.-S. Lian and J.-S. Hwang, 2016. Six years of observations on seasonality of planktonic copepod assemblages driven by the interplay waters of Kuroshio and South China Sea in a mixed semi-enclosed embayment in the southern Taiwan. 11th Asian Fisheries and Aquaculture Forum Bangkok, Thailand, 3-7 August 2016. P. 131.
27. Lin, C.-M., H.-Y., Lo, L.-C. Tseng, Q.-C. Chen and J.-S. Hwang, 2016. Effects of Interplay waters on geospatial and temporal distribution of mesozooplankton and copepods in the southern East China Sea. 11th Asian Fisheries and Aquaculture Forum Bangkok, Thailand, 3-7 August 2016. P. 383.
28. Pan, Y.-J., A. Souissi, J.-S. Hwang and S. Souissi, 2016. Evaluations of aquaculture potential in tropical copepods: examples from free-spawning and egg-bearing copepods. Aquaculture Europe 2016, 21st- 23rd September, Edinburgh, UK, p739.
29. Pan, Y.-J., A. Souissi, J.-S. Hwang, B. W. Hansen, S. Souissi. Evaluations of morphological and physiological changes in copepods *Eurytemora affinis* and *Apocyclops royi* after thermal selective breeding. Aquaculture Europe 2016, 21st- 23rd September, Edinburgh, UK, p741.
30. Hwang, J.-S. and J. R. Strickler, 2016. A pilot study of underwater laser video optical technology on zooplankton and organisms in coral reef behavioural research. International Symposium Environmental Research of Marginal Seas and Coasts, Vladivostok, Russia, 4-6 October, 2016, P. 27.
31. Franco, P., H. J. Chen and J.-S. Hwang, 2016. Taxonomic Composition and Seasonal Distribution Changes of Pelagic Tunicates in the Waters Off Nuclear Power Plants in Northern Taiwan in Relation to Environmental Conditions. BIT's 5th Annual World Congress of Ocean-2016, Qingdao, China.
32. Lee, P.-W., L.-C. Tseng and J.-S. Hwang, 2017. The impact of northern nuclear power plant thermal pollution on the zooplankton mortality. 2016 台灣水產學會學術論文發表會論文摘要集，台灣，基隆，1 月 17 日。
33. Chan, Y.-C., E. Blanda, T. A. Rayner, J. K. Højgaard, C.-C. Huang, H.-M. Su and J.-S. Hwang, 2017. Grazing rate of *Pseudodiaptomus annandalei* (Copepoda: Calanoida) differs with rearing density. 2016 台灣水產學會學術論文發表會論文摘要集，台灣，基隆，1 月 17 日。
34. Das, S., L.-C. Tseng and J.-S. Hwang, 2017. Architectural crafts of mud---shrimp *Austinopecten edulis* (Crustacea: Decapoda) in industrial area of Western Taiwan. 2016 台灣水產學會學術論文發表會論文摘要集，台灣，基隆，1 月 17 日。
35. Kadiene, E., C. Bialais, B. Ouddane, J.-S. Hwang and S. Souissi, 2017. Difference in lethal response between male and female calanoid copepod *Eurytemora affinis* and

Pseudodiaptomus annandalei to cadmium toxicity. 2016 台灣水產學會學術論文發表會論文摘要集，台灣，基隆，1月17日。

2015 年

36. Hwang, J.-S., 2015. Environmental biotechnological applications for studying the marine animal behavior and Ecology. International Conference on Recent Biotechnological Advancement and Utilization of Natural Resources for Betterment of Mankind. January 20, 2015. India. P.1.
37. Hwang, J.-S., S. Souissi, L.-C. Tseng, J. C. Molinero, Q.-C. Chen and C. K. Wong, 2015. Effects of NE monsoon and seasonality on the distribution and abundance of *Calanus sinicus* in the waters of Taiwan, western North Pacific Ocean. International Congress on Chemical, Biological and Environmental Sciences (ICCBES2015), Kyoto, Japan. 7-9 May. P. 105.
38. Hwang, J.-S., 2015. Potential uses of aquatic larvasonic and biological weapon in the control of mosquito larvae in Taiwan. The 4th International Forum for Surveillance and Control of Mosquitoes and Mosquito-borne Diseases (IFSCMMD) Guangzhou, China, May 25-28, 2015.
39. Murugan, K., D. Dinesh and J.-S. Hwang, 2015. Seaweed (*Gracilaria verrucosa*) synthesized silver nanoparticles against the coastal malaria vector, *Anopheles sundaicus* and its Effect on predation efficiency of the cyclopoid crustacean *Mesocyclops longisetus*. International Conference on Multidisciplinary Biology, June 14-17, 2015, Keelung, Taiwan, P.16.
40. Sarkar, S. K., B. D. Bhattacharya, J.-S. Hwang and K. Murugan, 2015. Community structure, decadal changes and impact of severe tropical cyclone 'Aila' on mesozooplankton in a vulnerable mangrove wetland. International Conference on Multidisciplinary Biology, June 14-17, 2015, Keelung, Taiwan, P.17.
41. Molinero, J. C., L.-C. Tseng and J.-S. Hwang, 2015. Climate driven temporal patterns of *Calanus sinicus*. Implications for fisheries and the carbon pump in the East China Sea. International Conference on Multidisciplinary Biology, June 14-17, 2015, Keelung, Taiwan, P.19.
42. Pitchai, J. G., K. Murugan, and J.-S. Hwang, 2015. Use of biological insecticides and copepods for the management of dengue vector at the different agro-climatic regions of Tamil Nadu, India. International Conference on Multidisciplinary Biology, June 14-17, 2015, Keelung, Taiwan, P.24.
43. Pitchai, J. G., K. Murugan, J. Subramaniam and J.-S. Hwang, 2015. The combined effect of microbial insecticide, *Spinosad* on the predatory copepods *Mesocyclops aspericornis*, against the dengue and Chikungunya vector, *Aedes albopictus*. International Conference on Multidisciplinary Biology, June 14-17, 2015, Keelung, Taiwan, P.25.
44. Murugan, K., D. Dinesh, J. Subramaniam, P. Madhiyazhagan, K. Kalimuthu and J.-S. Hwang, 2015. Green-synthesized mosquitocidal nanoparticles and copepods for the control of dengue vector, *Aedes aegypti* and *Aedes albopictus*. International Conference on Multidisciplinary Biology, June 14-17, 2015, Keelung, Taiwan, P.27.
45. Tseng, L.-C., K.-T. Shao, W.-T. Lo, I.-J. Chen and J.-S. Hwang, 2015. Parallel trends of species richness across four marine trophic levels in response to climate change in the southern East China Sea. International Conference on Multidisciplinary Biology, June 14-17, 2015, Keelung, Taiwan, P.41.
46. Tseng, L.-C., Q.-C. Chen and J.-S. Hwang, 2015. Spatial structure of gelatinous zooplankton communities related to the boundary area between East China Sea and Pacific Ocean during the monsoon transition period. International Conference on Multidisciplinary Biology, June 14-17, 2015, Keelung, Taiwan, P.49.

47. Kalimuthu, K., C. Panneerselvam, C. Chou, L.-C. Tseng, K.-H. Tsai, K. Murugan and J.-S. Hwang, Combined effect of the predatory copepod *Megacyclops formosanus* and the toxicity of synthesized silver nanoparticles *Hedychium coronarium* on the dengue vector *Aedes aegypti*. International Conference on Multidisciplinary Biology, June 14-17, 2015, Keelung, Taiwan, P.51.
48. Kalimuthu, K., L.-C. Tseng, K. Murugan, J.-S. Hwang, 2015. Adverse body tissues infect of aquatic larvasonic on mosquito larva. International Conference on Multidisciplinary Biology, June 14-17, 2015, Keelung, Taiwan, P.52.
49. Chen, M.-R. and J.-S. Hwang, 2015. Feeding behavior of the marine calanoid copepod *Calanus sinicus* under different food concentration. International Conference on Multidisciplinary Biology, June 14-17, 2015, Keelung, Taiwan, P.58.
50. Limviriyakul, P., L-C. Tseng, T.-W. Shih, J.-S. Hwang, 2015. Symbiotic caridean shrimps in coastal area of northeastern Taiwan. International Conference on Multidisciplinary Biology, June 14-17, 2015, Keelung, Taiwan, P.66.
51. Franco, P. and J.-S. Hwang, 2015. Taxonomic composition and seasonal distribution of pelagic tunicates in the waters adjacent to the nuclear plants in northern Taiwan. International Conference on Multidisciplinary Biology, June 14-17, 2015, Keelung, Taiwan, P.67.
52. Højgaard, J. K., B. W. Hansen, J. S. Hwang, 2015. The prey field for juvenile clownfish when fed different size copepods. International Conference on Multidisciplinary Biology, June 14-17, 2015, Keelung, Taiwan, P.68.
53. Rayner, T.A., J.K. Højgaard, B.W. Hansen and J.S. Hwang, 2015. Density Effect on the Ovigerous Rate of Aquaculture Pond Copepods in Southern Taiwan. International Conference on Multidisciplinary Biology, June 14-17, 2015, Keelung, Taiwan, P.69.
54. Muthulingam, M., K. Murugan and J.-S. Hwang, 2015. Effect of sublethal concentrations of heavy metal, Lead acetate on transaminases and histological alterations in gill and liver of Edible exotic fish *Cyprinus carpio* (Linn.). International Conference on Multidisciplinary Biology, June 14-17, 2015, Keelung, Taiwan, P.75.
55. Maruthappan, V., M. Ramesh and J. S. Hwang, 2015. Toxicity and Behavioural Changes in Freshwater Fish *Cyprinus carpio* Exposed to Paper Mill Effluent. International Conference on Multidisciplinary Biology, June 14-17, 2015, Keelung, Taiwan, P.76.
56. Ramasubramanian, V., J.-S. Hwang and M. Sankar, 2015. Studies on the Nutritional Evaluation and Bio-enrichment of *Mesocyclops thermocyclopoides* for *Brachydamio rerio* rearing. International Conference on Multidisciplinary Biology, June 14-17, 2015, Keelung, Taiwan, P.79.
57. Subramaniam, J., K. Murugan, C. Panneerselvam, K. kovendan, P. Madhiyazhagan, P. M. Kumar, K. Kalimuthu, D. Dinesh, U. Suresh and J.-S. Hwang, 2015. Biological control: *Mimusops elengi*-synthesized silver nanoparticles boost the predation efficiency of copepod *Mesocyclops thermocyclopoides* against the *Aedes albopictus* vector of chikungunya and dengue fever. International Conference on Multidisciplinary Biology, June 14-17, 2015, Keelung, Taiwan, P.82.
58. Panneerselvam, C., K. Murugan, M. Roni, K. Kalimuthu, J. Subramaniam, D. Amerasan and J-S Hwang, 2015. Mosquitocidal and antiplasmodial activity of *Pteridium aquilinum*-synthesized silver nanoparticles against *Anopheles stephensi* and *Plasmodium falciparum*. International Conference on Multidisciplinary Biology, June 14-17, 2015, Keelung, Taiwan, P.83.
59. Hwang J.-S. and J. R. Strickler, 2015. A pilot study of underwater laser video optical technology on zooplankton behaviour research. 第三屆海峽兩岸海洋生物多樣性研討會，8月31-9月4日，中國大陸、廈門。

60. Tseng, L.-C., J. C. Molinero, Q.-C. Chen and J.-S. Hwang, 2015. Spatial structure of zooplankton assemblages in the East China Sea during the monsoon transition period. 第三屆海峽兩岸海洋生物多樣性研討會，8月31-9月4日，中國大陸、廈門。
61. Limviriyakul, P., L.-C. Tseng, T.-W. Shih, J.-S. Hwang, 2015. Commensal shrimps of northeastern Taiwan. 第三屆海峽兩岸海洋生物多樣性研討會，8月31-9月4日，中國大陸、廈門。
62. Hwang, J.-S., 2015. Effects of shallow waters of hydrothermal vents on Marine organisms from Kueishan Tao, Taiwan. 5th Low Carbon Earth Summit-2015. September 23-26, Xi'an, China.
63. Hwang J.-S., 2015. A pilot study of underwater laser video optical technology on crustaceana behaviour research. 中國甲殼動物學會第十三次學術研討會，10月23-25日，中國大陸、山西太原。
64. Tseng, L.-C., C.-M. Lin, G.-S. Lian and J.-S. Hwang, 2015. Effects of diel vertical migration on assemblage of planktonic copepods in reef environments of southern Taiwan. 中國甲殼動物學會第十三次學術研討會，10月23-25日，中國大陸、山西太原。
65. Das, S. and J.-S. Hwang, 2015. Mud shrimp burrows: Not a mere extension of the tidal flat surface. 中國甲殼動物學會第十三次學術研討會，10月23-25日，中國大陸、山西太原。
66. Kadiene, E. U. and J.-S. Hwang, 2015. Copepods in Hydrothermal Vents: A Review. 中國甲殼動物學會第十三次學術研討會，10月23-25日，中國大陸、山西太原。

2014 年

67. 曾立鈞、周琪、陳清潮、黃將修, 2014。東北台灣海域海灣內的毛顎類群聚變動與水團的相互作用。2013 台灣水產學會學術論文發表會論文摘要集，台灣，嘉義，1月18日，P.150。
68. Parinya Limviriyakul, Thon Thamrongnawasawat, 黃將修, 2014。真蝦（甲殼亞門：十足目）在泰國珊瑚礁區的分佈。2013 台灣水產學會學術論文發表會論文摘要集，台灣，嘉義，1月18日，P.151。
69. Pan, Y.-J., A. Souissi, J.-S. Hwang and S. Souissi, 2014. The microalgal dietary effects on the egg production, female life span; and the hatching rate of the cold-storage egg of *Acartia bilobata*. AQUACULTURE AMERICA 2014, February 9-12, 2014 – Seattle, Washington.
70. Hwang, J.-S., C.-H. Lee, H.-U. Dahms, S.-H. Cheng, F. G. Schmitt and S. Souissi, 2014. Effects of turbulence on The grouper fish fry predation on copepods: aquaculture perspective. AQUACULTURE AMERICA 2014, February 9-12, 2014 – Seattle, Washington.
71. Kalimuthu, K., K. Murugan, L. C. Tseng and J. S. Hwang, 2014. Potensial uses of aquatic in the control of mosquito larvae. The 6th UCAS Postgraduate Symposium, 11-14 March 2014, Hong Kong, P.57.
72. Huang, C. C., E. Blanda and J. S. Hwang, 2014. The seasonal impact and external influence on population dynamics of *Pseudodiaptomus annandalei* in Aquaculture Ponds in the southern Taiwan, Tongkung. The 6th UCAS Postgraduate Symposium, 11-14 March 2014, Hong Kong, P.72.
73. Tseng, L.-C., J. C. Molinero, Q.-C. Chen and J.-S. Hwang, 2014. Spatial structure of zooplankton assemblages related to the boundary area between East China Sea and Pacific Ocean during the monsoon transition period. 「2014 年海洋年會」暨「第十屆海洋科學研討會」，台灣、台北，2014/04/27~2014/05/01。

74. Wong, C. K., L. Wang, M. K. Cheung, J.-S. Hwang and H. S. Kwan, 2014. Microbial diversity of shallow-water hydrothermal sediments in Gueishan island, Taiwan as analyzed by 454 pyrosequencing. The 10th Asia-Pacific Marine Biotechnology Conference, May 4-8, 2014, Taipei, Taiwan. P.213.
75. Sarkar, S. K., B. D. Bhattacharya, J.-S. Hwang, L.-C. Tseng and D. Rakshit, 2014. Trace metal accumulation in marine Copepods from Sundarban Mangrove Wetland, India and Northern Taiwan Coast. 12th International Conference on Copepoda, July 14-18, 2014. Souel, Korea. P.29.
76. Panneerselvam, C., K. Murugan, P. M. Kumar, G. D. Devi, J.-S. Hwang and K. Kalimuthu, 2014. Mosquito larvicidal activity of *Pteridium aquilinum* and predatory copepod *Mesocyclops aspericornis* against dengue vector *A. aegypti*. 12th International Conference on Copepoda, July 14-18, 2014. Souel, Korea. P.42.
77. Murugan, K., P. Mahesh kumar, G. James Pitchai, S. Sivapriyajothi, J. Subramaniam, J.-S. Hwang, G. Durga Devi, D. Dinesh, B. Chandramohan, A. Priya and K. Kalimuthu, 2014. Predatory efficiency of *Mesocyclops thermocyclopodes*, combined with seaweed mediated silver nano particles using *Codium tomentosum* against dengue vector, *Aedes aegypti*. 12th International Conference on Copepoda, July 14-18, 2014. Souel, Korea. P.43.
78. Sarkar, S. K., B. D. Bhattacharya, J.-S. Hwang and L.-C. Tseng, 2014. A comparison of copepod community structure in Indian Sundarban mangrove estuary and Danshuei estuary, northern Taiwan. 12th International Conference on Copepoda, July 14-18, 2014. Souel, Korea. P.111.
79. Tseng, L.-C., C.-M. Lin, S.-Y. Lo, G.-S. Lian and J.-S. Hwang, 2014. Effects of diel vertical migration on community structure of planktonic copepods in reef environments of southern Taiwan. 12th International Conference on Copepoda, July 14-18, 2014. Souel, Korea. P.132.
80. Chandramohan, B., K. Murugan, G. James Pitchai, P. Mahesh Kumar, D. Dinesh, P. Madhiyazhagan, K. Kovendan, J. Subramaniam, T. Nataraj, A. Priya, J.-S. Hwang, M. Nicoletti, Kalimuthu K and U.Suresh, 2014. Biosynthesis of silver nano particle from *Azadirachtin* (*Meliacea*) on the predatory efficiency of *Mesocyclops edax* against dengue vector *Aedes aegypti*. 12th International Conference on Copepoda, July 14-18, 2014. Souel, Korea. P.147.
81. Nataraj, T., K. Murugan, G. James Pitchai, Kalimuthu K, P. Madhiyazhagan, P. Mahesh Kumar, J. Subramaniam, A. Naresh Kumar, D. Dinesh, B. Chandramohan, A. Priya, J.-S. Hwang and M. Nicoletti, 2014. Copepod as biocontrol agent of rural malarial vector, *Anopheles culicifacies*. 12th International Conference on Copepoda, July 14-18, 2014. Souel, Korea. P.148.
82. Murugan, K., Mahesh kumar P, James Pitchai G, Sivapriyajothi S, J. Subramaniam, J.-S. Hwang, Durga Devi G, D. Dinesh, B. Chandramohan and K. Kalimuthu, 2014. Laboratory and field efficacy of Biosynthesized Silver nanoparticles from *Aloe vera* and predatory copepod, *Mesocyclops aspericornis* for the control of malarial vector, *Anopheles stephensi*. 12th International Conference on Copepoda, July 14-18, 2014. Souel, Korea. P.149.
83. Kandasamy, K., P. Mahesh Kumar, L.-C. Tseng, K. Murugan and J.-S. Hwang, 2014. The predatory efficiency of copepod *Mesocyclops aspericornis* and toxicity effect of *Madhuca longifolia* cake against dengue vector, *Aedes aegypti*. 12th International Conference on Copepoda, July 14-18, 2014. Souel, Korea. P.151.
84. Kandasamy, K., K. Murugan, L.-C. Tseng and J.-S. Hwang, 2014. Mosquitocidal activity of *Hedychium coronarium* rhizome extract and copepod *Megacyclops formosanus* for the control of dengue vector *Aedes aegypti*. 12th International Conference on Copepoda, July 14-18, 2014. Souel, Korea. P.152.

85. Tseng, L.-C., S.-H. Hsiao, S. K. Sarkar, Q.-C. Chen and J.-S. Hwang, 2014. Annual changes in the copepod community structure at the Lanyang River Estuary in northeastern Taiwan. 12th International Conference on Copepoda, July 14-18, 2014. Souel, Korea. P.157.
86. Limviriyakul, P., L.-C. Tseng, Q.-C. Chen and J.-S. Hwang, 2014. Interplay waters shape the geospatial distribution of mesozooplankton and copepods in the southern East China Sea. 12th International Conference on Copepoda, July 14-18, 2014. Souel, Korea. P.164.
87. Lee, P.-W., L.-C. Tseng and J.-S. Hwang, 2014. Mortality of planktonic copepods in the Danshuei river estuary and waters adjacent to nuclear power plants in Northern Taiwan. 12th International Conference on Copepoda, July 14-18, 2014. Souel, Korea. P.168.
88. Shen, P.-T., Y.-J. Pan and J.-S. Hwang, 2014. Effects of acute and chronic toxicities of copper and zinc on the copepod *Pseudodiaptomus annandalei*. 12th International Conference on Copepoda, July 14-18, 2014. Souel, Korea. P.170.
89. Kumar, R., R. Dhanker, K. Samba and J.-S. Hwang, 2014. Demographic parameters of *Acartia bilobata* as a function of salinity and temperature. 12th International Conference on Copepoda, July 14-18, 2014. Souel, Korea. P.172.
90. Dhanker, R., J.-S. Hwang and R. Kumar, 2014. Prey selection between rotifer and ciliate prey by the omnivorous copepod *Pseudodiaptomus annandalei*. 12th International Conference on Copepoda, July 14-18, 2014. Souel, Korea. P.173.
91. Dhanker, R. and J.-S. Hwang, 2014. Impact of diatom aldehydes on the reproductive biology of estuarine copepods. 12th International Conference on Copepoda, July 14-18, 2014. Souel, Korea. P.174.
92. Chan, Y.-C., E. Blanda, T. A. Rayner, J. K. Højgaard, C.-C. Huang, G. Drillet, H.-M. Su, B. W. Hansen and J.-S. Hwang, 2014. Grazing rate of *Pseudodiaptomus annandalei* (Copepoda: Calanoida) differs with rearing density. 12th International Conference on Copepoda, July 14-18, 2014. Souel, Korea. P.196.
93. Pan, Y.-J., J.-S. Hwang and S. Souissi, 2014. The salinity effects on the reproductive performances of *Apocyclops royi* (Copepoda, Cyclopoida). 12th International Conference on Copepoda, July 14-18, 2014. Souel, Korea. P.197.
94. Hwang, J.-S., 2014. Recent Trend in Marine Biology Research. International Symposium on Research Innovation for Quality Improvement in Higher Education, 10-11 October, 2014. Coimbatore, India.
95. Hwang, J.-S., 2014. Zooplankton and coral biodiversity for the sustainable management marine ecosystem. International Conference on Herbal Medicine and Neuro-endocrinology, 13 October, 2014. Tamil Nadu, India. P. i.
96. Hwang, J.-S., 2014. Ultrasonic device and nanotechnology for the management of dengue vector and virus: a novel approach. International Conference on "Physiology and Medicine-2014", 15-17 October, 2014. Tamil Nadu, India. P. 3.

2013 年

97. Awasthi, A. K.、吳政翰、黃將修, 2013。捕食者與獵物之間的互動研究以魚、橈足類和蚊子幼蟲為例。101 年度台灣水產學會學術論文發表會論文摘要集, 台灣, 基隆, 1 月 19 日, P.65。
98. Dhanker, R.、R. Kumar、曾立鈞、黃將修, 2013。異營原生生物(Cilophora : Hypotrichia)作為河口性橈足類(*Pseudodiaptomus annandalei*)的食物源以及純藻類飲食對纖毛蟲的獵食消耗影響。101 年度台灣水產學會學術論文發表會論文摘要集, 台灣, 基隆, 1 月 19 日, P.65。
99. Kalimuthu, K.、黃將修、林綉美、K. Murugan、曾立鈞, 2013。兩種不同性別底棲性

- 猛水蚤行為模式之先驅研究。101 年度台灣水產學會學術論文發表會論文摘要集，台灣，基隆，1 月 19 日，P.156。
- 100.曾立鈞、陳清潮、黃將修, 2013。西太平洋黑潮水中浮游性橈足類的地理空間差異。101 年度台灣水產學會學術論文發表會論文摘要集，台灣，基隆，1 月 19 日，P.156。
- 101.吳政翰、H.-U. Dahms、黃將修, 2013。兩種不同性別底棲性猛水蚤行為模式之先驅研究。101 年度台灣水產學會學術論文發表會論文摘要集，台灣，基隆，1 月 19 日，P.157。
- 102.Awasthi, A. K. and J.-S. Hwang, 2013. THE IMPORTANCE OF PREY-PREDATION INTERACTIONS IN MOSQUITO CONTROL: AN INTRIGUING QUESTION IN AQUATIC ECOSYSTEM. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. OP6-1 P.92.
- 103.Pitchai, G. J., K. Murugan, K. Govindarajalu and J.-S. Hwang, 2013. IMPACT OF FISH POND EFFLUENT IRRIGATIONS ON SOIL PROPERTIES AND YIELD OF RICE. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. OP9-3 P.108.
- 104.Schizas, N. V., Dahms, H.-U., Martha, R. C. and J.-S. Hwang, 2013. ITS-1 GENE REVEALS POPULATION DIFFERENCES OF THE COPEPOD CALANUS SINICUS IN THE NW-PACIFIC. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. OP12-4 P.121.
- 105.Subramaniam, J., K. Murugan and J.-S. Hwang, 2013. EVALUATION OF SUSTAINABLE AND ECO-FRIENDLY APPROACHES OF INDIAN SEAWEED AGAINST THE COSTAL MALARIAL VECTOR, ANOPHELES SUNDAICUS. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. OP18-4 P.150.
- 106.Blanda, E., C.-C. Huang, J.-S Hwang, Rayner, T. A., H.-M. Su, C.-H. Wu and B. W. Hansen, 2013. PERFORMANCE OF SEMI-EXTENSIVE COPEPOD AQUACULTURAL PONDS IN TAIWAN: A BASIC FOOD WEB STUDY. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. OP19-1 P.151.
- 107.Cai, L.-Z., J.-S. Hwang, H.-U. Dahms, S.-J. Fu and H.-S. Lin, 2013. EFFECT OF THE INVASIVE BIVALVE MYTILOPSIS SALLEI, ON SESSILE ORGANISMS AND THE AQUATIC ECOSYSTEM OF YUNDANG LAGOON, XIAMEN, CHINA. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. OP24-1 P.169.
- 108.Murugan, K. A. Naresh kumar, T. Nataraj, K. Prasanna Kumar, K. Kalimuthu P. Madhiyazhagan, and J.-S. Hwang, 2013. CLIMATE CHANGE ON THE MOSQUITO PREVALENCE IN AQUATIC SYSTEMS AND THEIR MANAGEMENT BY USING BIOLOGICAL INSECTICIDES. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. OP25-3 P.175.
- 109.Nyberg, H., J.-S. Hwang and L.-C. Tesng, 2013. THE ANATOMICAL CHARACTERISTICS OF MOSQUITO LARVAE LENDING SUSCEPTIBILITY TO ACOUSTIC LARVICIDE. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. OP28-1 P.187.
- 110.Bhattacharya, B. D., D. C. Nayek, S. K. Sarkar, S. N. Biswas, K. Murugan and J.-S. Hwang, 2013. DISTRIBUTION OF DISSOLVED TRACE METALS IN COASTAL REGIONS OF THE SUNDARBAN MANGROVE WETLAND, WEST BENGAL, INDIA. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P1-01 P.193.

- 111.Chen, Q.-C., J.-S. Hwang and L.-C. Tseng, 2013. TOWARDS ESTUARY CONSERVATION IN CHINA. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P1-10 P.201.
- 112.Subramaniam, J., K. Murugan, K. Kovendan, P. M. Kumar, J.-S. Hwang and K. Kalimuthu, 2013. CONTROL OF MOSQUITO VECTORS, AEADES AEGYPTI, ANOPHELES STEPHENSI AND CULEX QUINQUEFASCIATUS USING SEAWEED, VALONIOPSIS PACHYNEMA. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P1-13 P.204.
- 113.Chan, I., S.-H. Peng, C.-F. Chang, J.-S. Hwang and J.-J. Hung, 2013. EFFECTS OF ACIDIFIED SEAWATER ON THE SKELETON STRUCTURE OF THE SCLERACTINIAN CORAL, EVIDENCE IDENTIFIED BY SEM. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P3-01 P.216.
- 114.Molinero, J. C., D. Garbe-Schönberg, Y. Yen, J. S. Hwang and Kueishantao consortium, 2013. THE KUEISHANTAO HYDROTHERMAL VENTS AS A NATURAL LABORATORY FOR OCEAN ACIDIFICATION. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P3-09 P.223.
- 115.Huang, Y.-H. and J.- S. Hwang, 2013. RELATING ABUNDANCES AND THE TROPHIC STRUCTURE OF FISH ASSEMBLAGES TO THEIR REEF SCAPE HABITAT AT TURTLE ISLAND, TAIWAN. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P5-06 P.230.
- 116.Lo, W.-T., H.-U. Dahms and J.-S. Hwang, 2013. WATER MASS TRANSPORT THROUGH THE BASHI CHANNEL IN THE NORTHERN SOUTH CHINA SEA AFFECTS COPEPOD ASSEMBLAGES OF THE LUZON STRAIT. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P5-07 P.231.
- 117.Chen, M.-R. and J.-S. Hwang, 2013. EFFECT OF FOOD ON CALANUS SINICUS SWIMMING BEHAVIOR. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P5-09 P.233.
- 118.Tseng, L.-C., C. Chou, Q.-C. Chen and J.-S. Hwang, 2013. ASSEMBLAGES OF JELLYFISH AND CHAETOGNATH RELATED TO INTERPLAY WATERS IN THE EMBAYMENT OF NORTHEASTERN TAIWAN. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P5-20 P.244.
- 119.Wang, L., M. K. Cheung, C. K. Wong, H. S. Kwan and J.-S. Hwang, 2013. PROKARYOTIC DIVERSITY IN SHALLOW-WATER HYDROTHERMAL VENT SEDIMENTS OF KUEISHAN ISLAND AS REVEALED BY 454 PYROSEQUENCING. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P5-23 P.247.
- 120.Wei, T.-P., M.-L. Tsai, S.-H. Peng, J.-S. Hwang, Y.-W. Chiu and H.-C. Chen, 2013. GALL POLYMORPHISM OF THE CORAL-INHABITED CRABS (DECAPODA, CRYPTOCHIRIDAE): CRAB, NOT HOST CORAL, MANIPULATES GALL MORPHOLOGY. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P5-29 P.253.
- 121.Peng, S.-H., J.-J. Hung, J.-S. Hwang, C.-T. Arthur Chen and T.-P. Wei, 2013. ZOOPLANKTON COMMUNITY STRUCTURE AND DISTRIBUTION OFF KUEISHAN ISLET AND THEIR RELATIONSHIPS WITH ENVIRONMENTAL CONDITIONS. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P5-30 P.254.
- 122.Wang, L., J.-S. Hwang, H. S. Kwan and C. K. Wong, 2013. BACTERIA IN THE GUT

CONTENTS OF THE HYDROTHERMAL CRAB XENOGRAPSUS TESTUDINATUS. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P6-06 P.268.

123. Tseng, L.-C., Q.-C. Chen and J.-S. Hwang, 2013. INTERPLAY WATERS SHAPE THE GEOSPATIAL DISTRIBUTION OF MESOZOOPLANKTON AND COPEPODS IN THE SOUTHERN EAST CHINA SEA. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P9-06 P.281.
124. Molinero, J.-C., L. López-López, L.-C. Tseng and J.-S. Hwang, 2013. GELATINOUS CARNIVORE ZOOPLANKTON UNDER VARYING TEMPERATURE REGIMES AND CONTRASTING FOOD WEB CONFIGURATIONS. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P10-07 P.290.
125. Dhanker, R., L.-C. Tseng, R. Kumar and J.-S. Hwang, 2013. SUSCEPTIBILITY OF ESTUARINE COPEPODS (*PSEUDODIAPTOMUS ANNANDALEI* AND *APOCYCLOPS ROYI*) TO POLYUNSATURATED ALDEHYDES (HEPTADIENAL, OCTADIENAL, AND DECADIENAL). International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P12-01 P.306.
126. Kalimuthu, K., J.-S. Hwang, S.-M. Lin, K. Murugan and L.-C. Tseng, 2013. BIOEFFICACY POTENTIAL OF SEAWEED *GRACILARIA FIRMA* WITH COPEPOD, *MEGACYCLOPS FORMOSANUS* FOR THE CONTROL OF DENGUE VECTOR *AEDES AEGYPTI*. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P15-06 P.316.
127. Pan, Y.-J., J.-S. Hwang, L.-C. Tseng and S. Souissi, 2013. EFFECTS OF VARIOUS SALINITIES AND MICROALGAL FOODS ON THE POPULATION GROWTH AND FECUNDITY OF THE CYCLOPOIDA COPEPOD, *Apocyclops royi*. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P15-15 P.324.
128. Wu, C.-H., H.-U. Dahms and J.-S. Hwang, 2013. THE BEHAVIOR PATTERN OF 2 BENTHIC INTERTIDAL ZONE HARPACTICIDS. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P15-19 P.328.
129. Michalec, F.-G. M. Holzner, D. Menu, J.-S. Hwang and S. Souissi, 2013. BEHAVIORAL RESPONSES OF THE ESTUARINE CALANOID COPEPOD *EURYTEMORA AFFINIS* TO SUB-LETHAL CONCENTRATIONS OF WATERBORNE POLLUTANTS. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P15-28 P.337.
130. Souissi, A., S. Souissi and J.-S. Hwang, 2013. ROLE OF THE REPRODUCTIVE TRADE-OFFS OF AN ESTUARINE COPEPOD UNDER DIFFERENT THERMAL REGIMES. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P15-41 P.350.
131. Twan, W.-H., L.-C. Tseng and J.-S. Hwang, 2013. THE SYMBIOTIC RELATIONSHIP AMONG ANEMONE SHRIMPS *PERICLIMENES BREVICARPALIS* AND *P. ORNATUS* SYMBIOTIC WITH SEA ANEMONE *ENTACMAEA QUADRICOLOR*. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P15-43 P.352.
132. Panneerselvam, C., S. Ponarulselvam, K. Murugan, K. Kalimuthu, D. Amerasan and J.-S. Hwang, 2013. GREEN SYNTHESIS OF SILVER NANOPARTICLES USING *ANDROGRAPHIS PANICULATA* (ACANTHACEAE) FOR MANAGEMENT OF COASTAL MALARIA VECTOR *ANOPHELES SUNDAICUS*. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P15-47 P.356.
133. Moison, M., C.-H. Wu, J. C. Molinero and J.-S. Hwang, 2013. MECHANISTIC

UNDERSTANDING OF SURVIVAL STRATEGIES IN EARLY NAUPLIAR STAGES OF PSEUDODIAPTOMUS ANNANDALEI. International Conference on Challenges in Aquatic Sciences, Keelung, Taiwan. March 15-18, 2013. P15-50 P.359.

- 134.Hwang, J.-S., S. Souissi, L.-C. Tseng, J. C. Molinero, Q.-C. Chen and C. K. Wong, 2013. Effects of NE monsoon on the distribution of *Calanus sinicus* in the western North Pacific Ocean. 10th Asian Fisheries and Aquaculture Forum (10AFAF), Yeosu, Korea, 30 April – 1 May.
- 135.Hwang, J.-S., S. Souissi, L.-C. Tseng, J. C. Molinero, Q.-C. Chen and C. K. Wong, 2013. Rise and fall of *Calanus Sinicus*: A peridodic model. 2013 台灣地球科學聯合學術研討會，桃園、台灣，13-17 May, OBE3-4A-05.
- 136.Tseng, L.-C., Q.-C. Chen and J.-S. Hwang, 2013. Interplay waters influence on diversity and geospatial distribution of mesozooplankton community in boundary area of southeastern East China Sea. 2013 台灣地球科學聯合學術研討會，桃園、台灣，13-17 May, PP-992.
- 137.Molinero, J. C. and J.-S. Hwang, 2013. Rise and fall of jellyfish. A Meta-analysis. 2013 台灣地球科學聯合學術研討會，桃園、台灣，13-17 May, PP-993.
- 138.Hwang, J.-S., 2013. Meiofauna in particular aquatic habitats—hydrothermal vents, deep sea, caves, coral reefs, and polar waters. 15th International Meiofauna Conference in Korea, 22-26 July 2013, Hanyang University (ERICA), Korea.
- 139.Tseng, L.-C., G.-S. Lian and J.-S. Hwang, 2013. Effects of diel vertical migration on community structure and abundance of planktonic copepods in the reef environments of southern Taiwan. 第五屆海峽兩岸珊瑚礁研討會，臺北、臺灣，7月6~8日。
- 140.Chan, I., S.-H. Peng, C.-F. Chang, J.-J. Hung and J.-S. Hwang, 2013. The impact of low pH vent waters on the scleractinian coral micro-skeleton structure erosion, evidence identified by SEM. 第五屆海峽兩岸珊瑚礁研討會，臺北、臺灣，7月6~8日。
- 141.Molinero, J.-C., L.-C. Tseng, Q.-C. Chen and J.-S. Hwang, 2013. Jellyfish dynamics under varying forcing factors in the coral reef environments of northern Taiwan coasts. 第五屆海峽兩岸珊瑚礁研討會，臺北、臺灣，7月6~8日。
- 142.Molinero, J.-C., L.-C. Tseng and J.-S. Hwang, 2013. Couplings of climate and plankton in the southern East China Sea. 9th International Conference on the Marine Biodiversity and Environmental Fisheries Science of the East China Sea, Keelung, Taiwan, September 29-October 1, 2013. P.49.
- 143.Hwang, J.-S., S. Souissi, L.-C. Tseng, J. C. Molinero, Q.-C. Chen and C. K. Wong, 2013. Effects of NE monsoon on the distribution of *Calanus sinicus* in the western North Pacific Ocean. 9th International Conference on the Marine Biodiversity and Environmental Fisheries Science of the East China Sea, Keelung, Taiwan, September 29-October 1, 2013. P.50.
- 144.Dahms, H.-U., L.-C. Tseng and J.-S. Hwang, 2013. Life history of the copepod *Paramphiascella* sp. affected by hydrothermal vent effluents. 9th International Conference on the Marine Biodiversity and Environmental Fisheries Science of the East China Sea, Keelung, Taiwan, September 29-October 1, 2013. P.82.
- 145.Shim, D. M.-C., H.-U. Dahms, J.-S. Hwang and S. A. Lee, 2013. Can RNA:DNA ratios be used as a biomarker for environmental disturbance in aquatic organisms? 9th International Conference on the Marine Biodiversity and Environmental Fisheries Science of the East China Sea, Keelung, Taiwan, September 29-October 1, 2013. P.83.
- 146.Hwang, J.-S., L.-Z. Cai, S.-J. Fu, T. Guo, Y. Zhuo and H.-U. Dahms, 2013. Meiofauna and macrofauna in subtidal zone in Kueishan Tao, Taiwan. 9th International Conference on the Marine Biodiversity and Environmental Fisheries Science of the East China Sea,

- Keelung, Taiwan, September 29-October 1, 2013. P.86.
- 147.Cai, L.-Z., J.-S. Hwang, H.-U. Dahms, S.-J. Fu and X.-W. Chen, 2013. Polychaete response to high organic matter content in Shenzhen Bay mudflat, South China Coast. 9th International Conference on the Marine Biodiversity and Environmental Fisheries Science of the East China Sea, Keelung, Taiwan, September 29-October 1, 2013. P.87.
- 148.Dhanker, R. and J.-S. Hwang, 2013. A study of reproduction and postembryonic developmental rates of the Calanoid Copepod *Pseudodiaptomus Annandalei* (Swell 1919) fed on different microalgal diets. 9th International Conference on the Marine Biodiversity and Environmental Fisheries Science of the East China Sea, Keelung, Taiwan, September 29-October 1, 2013. P.146.
- 149.Lin, C.-Y. and J.-S. Hwang, 2013. Effects of Heavy Metal on Gamete Development of the Scleractinia Coral *Tubastraea* sp. in Yin-Yang Sea Northeastern Taiwan. 9th International Conference on the Marine Biodiversity and Environmental Fisheries Science of the East China Sea, Keelung, Taiwan, September 29-October 1, 2013. P.147.
- 150.Huang, C.-C. and J.-S. Hwang, 2013. The Impact Externality on the Population Dynamics of *Pseudodiaptomus annandalei* in Aquaculture Ponds in the Southern Taiwan, Tongkung. 9th International Conference on the Marine Biodiversity and Environmental Fisheries Science of the East China Sea, Keelung, Taiwan, September 29-October 1, 2013. P.148.
- 151.Lee, P.-W. and J.-S. Hwang, 2013. The Impact of Thermal Pollution of Nuclear Power Plant for Copepods in Northern Taiwan. 9th International Conference on the Marine Biodiversity and Environmental Fisheries Science of the East China Sea, Keelung, Taiwan, September 29-October 1, 2013. P.150.
- 152.Kalimuthu, K., K. Murugan, L.-C. Tseng and J.-S. Hwang, 2013. Mosquitocidal Activity of *Hedychium coronarium* Rhizome Extract and Copepod *Megacyclops formosanus* for the Control of Dengue Vector *Aedes aegypti*. 9th International Conference on the Marine Biodiversity and Environmental Fisheries Science of the East China Sea, Keelung, Taiwan, September 29-October 1, 2013. P.151.
- 153.Molinero, J. C., L.-C. Tseng, Q.-C. Chen and J.-S. Hwang, 2013. Non-stationary Climate Forcing Uncovered by Abundance Changes of *Calanus sinicus* in the Southern East China Sea. 9th International Conference on the Marine Biodiversity and Environmental Fisheries Science of the East China Sea, Keelung, Taiwan, September 29-October 1, 2013. P.164.
- 154.Hsiao, S.-H. and J.-S. Hwang, 2013. Can *Calanus sinicus* Occur in the Main Stream of Kuroshio Current? 9th International Conference on the Marine Biodiversity and Environmental Fisheries Science of the East China Sea, Keelung, Taiwan, September 29-October 1, 2013. P.169.
- 155.Chan, I. and J. S. Hwang, 2013. A peculiar ahermatypic coral *Tubastraea coccinea*, tolerance to Kueishan Island hydrothermal venting emission. ECSA 53: Estuaries and coastal areas in times of intense change, 13 – 17 October 2013, Shanghai, China.
- 156.Chan, I., J. J. Hung, S. H. Peng, L. C. Tseng, T. Y. Ho and J. S. Hwang, 2013. Comparative study on metal accumulation in the stony coral (*Tubastraea coccinea*) from various polluted habitats. ECSA 53: Estuaries and coastal areas in times of intense change, 13 – 17 October 2013, Shanghai, China.
- 157.Molinero, J. C., L. C. Tseng, Q. C. Chen and J. S. Hwang, 2013. Couplings of climate and plankton in the northern Taiwan coast. ECSA 53: Estuaries and coastal areas in times of intense change, 13 – 17 October 2013, Shanghai, China.
- 158.Hwang, J. S., S. Souissi, L. C. Tseng, J. C. Molinero, Q. C. Chen and C. K. Wong, 2013. Effects of NE monsoon on the distribution and abundance of *Calanus sinicus* in the waters of Taiwan, western North Pacific Ocean. ECSA 53: Estuaries and coastal areas in times of

intense change, 13 – 17 October 2013, Shanghai, China.

159. Molinero, J. C., L. C. Tseng, Q. C. Chen and J.S. Hwang, 2013. Assessing jellyfish dynamics under varying forcing factors in northern Taiwan coasts. ECSA 53: Estuaries and coastal areas in times of intense change, 13 – 17 October 2013, Shanghai, China.
160. Pan, Y.-J., A. Souissi, J.-S. Hwang and S. Souissi, 2013. The effects of algal diet on the egg production, female life span; and the hatching success rate of the cold-storage egg of *Acartia bilobata*. Aquaculture conference: To the Next 40 Years of Sustainable Global Aquaculture, Las Palmas de Gran Canaria, Spain, November 3-7, 2013.
161. Hwang, J.-S., K. Murugan, H. Nyberg, L.-C. Tseng, K. Kalimuthu, J. C. Moninero, A. K. Awasthi and C.-H. Wu, 2013. Mosquito Larval Control in Taiwan: Copepod and Acoustic Larvicide Approaches. 3rd International Congress on Global Warming on Biodiversity of Insects: Management and Conservation Strategies (GW-BIMC), Coimbatore, India, 26th to 28th November 2013, P.1.
162. Kalimuthu K., S.-M. Lin, C. Panneerselvam, L.-C. Tseng, K. Murugan and J.-S. Hwang, 2013. Seaweed biosynthesis of silver nanoparticles using *Gracilaria firma* for its malarial vector against *Anopheles stephensi*. 3rd International Congress on Global Warming on Biodiversity of Insects: Management and Conservation Strategies (GW-BIMC), Coimbatore, India, 26th to 28th November 2013, P.51.
163. Dhanker, R., L.-C. Tseng, R. Kumar and J.-S. Hwang, 2013. Combined Effects of Temperature–Salinity on Demographic Parameters of *Apocyclops royi* (Copepoda: Cyclopoida). 3rd International Congress on Global Warming on Biodiversity of Insects: Management and Conservation Strategies (GW-BIMC), Coimbatore, India, 26th to 28th November 2013, P.106.
164. Tseng, L.-C., K. Kalimuthu, C. Panneerselvam, K. Murugan and J.-S. Hwang, 2013. Synthesis of silver nanoparticles using rhizomes of *Hedychium coronarium* and their larvicidal and pupicidal activity against malaria vector *Anopheles stephensi*. 3rd International Congress on Global Warming on Biodiversity of Insects: Management and Conservation Strategies (GW-BIMC), Coimbatore, India, 26th to 28th November 2013, P.107.
165. Hwang, J.-S., C.-H. Lee, H.-U. Dahms, S.-H. Cheng, F. G. Schmitt and S. Souissi, 2013. The grouper fish fry predation on copepods in turbulence. Asian-Pacific Aquaculture 2013, Ho Chi Minh City, Vietnam, December 10 - 13, 2013.
166. Drillet, G., M.-S. Mahjoub, F. Lombard, M. Rais, A. Novac, P. M. Jepsen, J.-S. Hwang, C.-H. Wu, B. W. Hansen, 2013. Understanding how stocking density affects the productivity of copepods produced in intensive system. Asian-Pacific Aquaculture 2013, Ho Chi Minh City, Vietnam, December 10 - 13, 2013.

2012 年

167. Tseng, L.-C., J.-J. Hung, Q.-C. Chen and J.-S. Hwang, 2012. Diversity of copepods and hydrography of two volcanic islands during a period of monsoon transition in September. 2011 國科會海洋學門海洋科學成果發表會，台灣，高雄，4 月 10-11 日，P.91。
168. Hwang, J.-S., S. Souissi, L.-C. Tseng, J. C. Molinero, Q.-C. Chen and C. K. Wong, 2012. Long term study of monsoon effect on the distribution of *Calanus sinicus* in the waters of Taiwan, western North Pacific Ocean. European Geosciences Union General Assembly 2012, Vienna, Austria, April 22-27, 2012. NP 3.1- EGU2012-7211.
169. Chan, I., S.-H. Peng, A. K. Awasthi, C.-F. Chang, J.-S. Hwang and J.-J. Hung, 2012. Effects of acidified seawater on the calcium carbonate structure of the Scleractinian Coral, evidence identified by SEM: An implication of coral distribution in the acidic environment, 50th ECSA Conference: Today's science for tomorrow's Management, 3-7 June 2012, Venice, Italy. P110.

170. Hwang, J.-S., S. Souissi, L.-C. Tseng, J. C. Molinero, Q.-C. Chen and C. K. Wong, 2012. Long term study of monsoon effect on the distribution and seasonality of *Calanus sinicus* in the waters of Taiwan, western North Pacific Ocean. 2012 ASLO Aquatic Sciences Meeting: Voyages of Discovery, Lake Biwa, Otsu, Japan. July 8-13, 2012. P.39.
171. Beyrend-Dur, D., G. Dur, S. Souissi, F. G. Schmitt and J.-S. Hwang, 2012. Avoidance of heterospecific mating in the copepod *Pseudoiaptomus Annadalei*. 2012 ASLO Aquatic Sciences Meeting: Voyages of Discovery, Lake Biwa, Otsu, Japan. July 8-13, 2012. P.66.
172. Awasthi, A. K., C. H. Wu, K. H. Tsai, C. C. King and J. S. Hwang, 2012. Copepod as a mosquito biocontrol agent: a critical behavioral analysis. Workshop on Freshwater Invertebrates of Southeast Asia: Biodiversity and Origin, Maha Sarakham, Thailand, 20 July – 4 August 2012. P.59.
173. Hwang, J.-S., S. Souissi, L.-C. Tseng, J. C. Molinero, Q.-C. Chen and C. K. Wong, 2012. 東北季風對台灣海域、西北太平洋的中華哲水蚤其分佈影響之長期研究。第九屆海峽兩岸海洋科學研討會，福建、武夷山，August 31- September 3, 2012. P.59.
174. Chen, Q.-C., J.-S. Hwang, L.-C. Tseng, C.-K. Wong, C.-S. Zhu, J.-Q. Yin and K.-Z. Li, 2012. The Geography of *Acartia* (Copepod Calanoid) in China. The Second Cross-Straits Workshop on Marine Biodiversity, Keelung, Taiwan. October 12-14, 2012. P.23.
175. 王彥國、連光山、林茂、黃將修, 2012。中國海橈足類物種多樣性的研究。The Second Cross-Straits Workshop on Marine Biodiversity, Keelung, Taiwan. October 12-14, 2012. P.28.
176. Murugan, K., K. P. Kumar, P. M. Kumar, K. Kalimuthu, P. Madhiyazhagan and J.-S. Hwang, 2012. Integrative Use of Marine Seaweed, *Gracilaria Verrucosa*, Microbial Insecticide, Spinosad and Copepods for the Mosquito Vector Management – A sustainable Approach. The Second Cross-Straits Workshop on Marine Biodiversity, Keelung, Taiwan. October 12-14, 2012. P.41.
177. Dur, G., S. Souissi, D. Beyrend-Dur and J.-S. Hwang, 2012. Individual-Based Model for the Phenology of Egg-bearing Copepods: Application to *Eurytemora Affinis* from the Seine Estuary, France. The Second Cross-Straits Workshop on Marine Biodiversity, Keelung, Taiwan. October 12-14, 2012. P.45.
178. Beyrend-Dur, D., S. Souissi and J.-S. Hwang, 2012. Seasonal and Inter-annual Variations of the Population Structure of Dominant Copepods in the Subtropical Danshuei Estuary and Typhoon Effect. The Second Cross-Straits Workshop on Marine Biodiversity, Keelung, Taiwan. October 12-14, 2012. P.46.
179. Chen, M.-R. and J.-S. Hwang, 2012. The Swimming Behavior of *Calanus Sinicus* Under Various Food Concentrations. The Second Cross-Straits Workshop on Marine Biodiversity, Keelung, Taiwan. October 12-14, 2012. P.75.
180. Chan, I., S.-H. Peng, C.-F. Chang, J.-S. Hwang and J.-J. Hung, 2012. Effects of Acidified Seawater on the Skeleton Structure of the Scleractinian Coral, Evidence Identified by SEM. The Second Cross-Straits Workshop on Marine Biodiversity, Keelung, Taiwan. October 12-14, 2012. P.94.
181. Peng, S. H., J. J. Hung, J. S. Hwang, C.-T. Arthur Chen, T.-P. Wei, 2012. The Reproductive Migration of Vent Crab *Xenograpsus Testudinatus*. The Second Cross-Straits Workshop on Marine Biodiversity, Keelung, Taiwan. October 12-14, 2012. P.95.
182. 段文宏、孟培傑、黃將修、吳政翰、曾立均, 2012。臺灣小蘭嶼珊瑚礁區星野黑皮海綿(*Terpios hoshinota*)的分布及生長。The Second Cross-Straits Workshop on Marine Biodiversity, Keelung, Taiwan. October 12-14, 2012. P.96.
183. Kalimuthu, K., K. Murugan, J.-S. Hwang, 2012. Studies on Toxicity Effect of *Moringa Oleifera*, *Bacillus Sphaericus* and Predatory Efficiency of Copepod *Mesocyclops*

- Aspericornis against Dengue Vector, Aedes Aegypti. The Second Cross-Straits Workshop on Marine Biodiversity, Keelung, Taiwan. October 12-14, 2012. P.99.
184. Awasthi, A. K., C.-H. Wu, K.-H. Tsai, C.-C. King and J.-S. Hwang, 2012. A New Dimension in Prey-predator Interactions Ecology. The Second Cross-Straits Workshop on Marine Biodiversity, Keelung, Taiwan. October 12-14, 2012. P.101.
185. Awasthi, A. K., C.-H. Wu, K.-H. Tsai, C.-C. King and J.-S. Hwang, 2012. Predation Potential of Copepods on Immature Mosquito: A Biological Mosquito Control Perspective. The Second Cross-Straits Workshop on Marine Biodiversity, Keelung, Taiwan. October 12-14, 2012. P.102.
186. 伊帆、黃將修，2012。The Effects of Acidification Environment on the Survivor and Hatching Rate of Pseudodiaptomus Annandale. The Second Cross-Straits Workshop on Marine Biodiversity, Keelung, Taiwan. October 12-14, 2012. P.103.
187. 曾立鈞、洪佳章、陳清潮、黃將修，2012。季風轉換時期兩個火山島周圍水域的橈足類多樣性研究。The Second Cross-Straits Workshop on Marine Biodiversity, Keelung, Taiwan. October 12-14, 2012. P.104.
188. Dhanker, R., R. Kumar, L.-C. Tseng and J.-S. Hwang, 2012. Ciliated Protists as Food Source for the Estuarine Copepod (Pseudodiaptomus Annandalei) and Effects of Plurialgal Diets on Ciliate Ingestion. The Second Cross-Straits Workshop on Marine Biodiversity, Keelung, Taiwan. October 12-14, 2012. P.106.
189. Pan, Y.-J., S. Souissi, A. Souissi, C.-H. Wu, S.-H. Cheng and J.-S. Hwang, 2012. The Dietary Effects on the Egg Production, Egg Hatching Rate and Female Life Span of the Tropical Calanoid Copepod Acartia Bilobata. The Second Cross-Straits Workshop on Marine Biodiversity, Keelung, Taiwan. October 12-14, 2012. P.107.
190. 吳政翰、黃將修、Dahms, Hans-Uwe，2012。橈足類做為海水養殖仔稚魚活餌飼料之研究。The Second Cross-Straits Workshop on Marine Biodiversity, Keelung, Taiwan. October 12-14, 2012. P.108.
191. Dahms, H.-U., L.-C. Tseng and J.-S. Hwang, 2012. Are Vent Crab Behavioral Preferences Adaptations for Habitat Choice? The Second Cross-Straits Workshop on Marine Biodiversity, Keelung, Taiwan. October 12-14, 2012. P.157.
192. Shim, D. M.-C., H.-U. Dahms and J.-S. Hwang, 2012. Hydrothermal vent effluents affect the life stage of the copepods *Paramphiascella* sp. and *Tisbe* sp. The Korean Society of Oceanography 2012 Autumn Meeting, Korea, 1-2 November 2012. P.176.
193. Hwang J.-S., 2012. Zooplankton and copepod responses to anthropogenic disturbances in the field. The Korean Society of Oceanography 2012 Autumn Meeting, Korea, 1-2 November 2012. P.253.

2011 年

194. Hwang, J.-S., S. Souissi, L.-C. Tseng, J. C. Molinero, Q.-C. Chen and C. K. Wong, 2011. Effects of NE monsoon on the distribution and abundance of *Calanus sinicus* in the waters of Taiwan, western North Pacific Ocean. European Geosciences Union General Assembly 2011, Vienna, Austria, April 3-8, 2011. NP 3.1-EGU2011-5319.
195. Hwang, J.-S., H.-U. Dahms, I. Chan, J.-J. Hung and C.-F. Chang, 2011. The effects of hydrothermal vent on the corals, crabs and copepods in Turtle Island. 2011 國科會海洋學門海洋科學成果發表會，台灣，苗栗，4 月 13-15 日，3B01。
196. Tseng, L.-C., J.-J. Hung, S.-H. Peng, Q.-C. Chen and J.-S. Hwang, 2011. China Coastal Current may affect copepod assemblages in waters of Turtle Island during late NE monsoon. 2011 國科會海洋學門海洋科學成果發表會，台灣，苗栗，4 月 13-15 日，3B02。

- 197.彭紹宏、洪佳章、黃將修，2011。龜山島熱泉周圍海域浮游動物體內微量金屬之分佈。2011 國科會海洋學門海洋科學成果發表會，台灣，苗栗，4 月 13-15 日，E-54。
- 198.Awasthi, A. K., C.-H. Wu, K.-H. Tsai, C.-C. King and J.-S. Hwang, 2011. Does undersize predator induce behavioral modifications on slightly larger prey? 2011 國科會海洋學門海洋科學成果發表會，台灣，苗栗，4 月 13-15 日，E-56。
- 199.Chen, M.-R. and J.-S. Hwang, 2011. Effects of food and light on *Calanus sinicus* swimming behavior. 2011 國科會海洋學門海洋科學成果發表會，台灣，苗栗，4 月 13-15 日，E-57。
- 200.Hwang, J.-S., S. Souissi, L.-C. Tseng, J. C. Molinero, Q.-C. Chen and C. K. Wong, 2011. Effects of NE monsoon on the distribution of *Calanus sinicus* in the western North Pacific Ocean. 9th Asian Fisheries and Aquaculture Forum (9AFAF), Shanghai, China, 21-25 April, P.194.
- 201.Lin, C.-M., L.-C. Tseng, Y.-M. Yu, Q.-C. Chen and J.-S. Hwang, 2011. Mesozooplankton communities and copepod diversity in the surface water around Kueishantao Island, western North Pacific. 9th Asian Fisheries and Aquaculture Forum (9AFAF), Shanghai, China, 21-25 April, P.361.
- 202.Tseng, L.-C., Q.-C. Chen and J.-S. Hwang, 2011. A decadal survey of jellyfish assemblage in the coastal waters adjacent to Nuclear power plants in the southern East China Sea. 9th Asian Fisheries and Aquaculture Forum (9AFAF), Shanghai, China, 21-25 April, P.361.
- 203.Tseng, L.-C., Q.-C. Chen and J.-S. Hwang, 2011. Distribution patterns of planktonic copepod in the water of Kuroshio Current in western Pacific Ocean. 9th Asian Fisheries and Aquaculture Forum (9AFAF), Shanghai, China, 21-25 April, P.361.
- 204.Chan, I., L.-C. Tseng, C.-H. Wu, C.-F. Chang, S.-H. Peng, J.-J. Hung and J.-S. Hwang, 2011. The identification of *Tubastraea Coccinea* near the Kueishantao Island Hydrothermal Vent. 9th Asian Fisheries and Aquaculture Forum (9AFAF), Shanghai, China, 21-25 April, P.361.
- 205.Chan, I., L.-C. Tseng, C.-H. Wu, C.-F. Chang, S.-H. Peng, J.-J. Hung and J.-S. Hwang, 2011. Abundance and spread of the *Tubastraea Coccinea* in a heavy metal contaminated environment of a former coastal mining site in Taiwan. 9th Asian Fisheries and Aquaculture Forum (9AFAF), Shanghai, China, 21-25 April, P.361.
- 206.Pan, Y.-J., S.-H. Cheng and J.-S. Hwang, 2011. The effects of different algal diets on population growth of *Acartia bilobata*. 9th Asian Fisheries and Aquaculture Forum (9AFAF), Shanghai, China, 21-25 April, P.361.
- 207.Pan, Y.-J., S.-H. Cheng and J.-S. Hwang, 2011. The hatching rate of *Acartia bilobata* in different salinity environments. 9th Asian Fisheries and Aquaculture Forum (9AFAF), Shanghai, China, 21-25 April, P.361.
- 208.Yu, Y.-M., L.-C. Tseng and J.-S. Hwang, 2011. Width/Length-Weight relationships of the *Xenograpsus testudinatus* population living in a shallow thermal vent of Kueishantao Island. 9th Asian Fisheries and Aquaculture Forum (9AFAF), Shanghai, China, 21-25 April, P.361.
- 209.Chaudhary, R., R. Kumar and J.-S. Hwang, 2011. Does bird predation alter the top down effect by fish predation on zooplankton? 9th Asian Fisheries and Aquaculture Forum (9AFAF), Shanghai, China, 21-25 April, P.361.
- 210.Kumar, R., R. Chaudhary, S.-H. Cheng and J.-S. Hwang, 2011. Demographic characteristics of the copepod *Pseudodiaptomus annandalei* Sewell 1919 (Copepoda: Calanoida) fed plant and animal diets. 9th Asian Fisheries and Aquaculture Forum (9AFAF), Shanghai, China, 21-25 April, P.361.

211. Hwang, J.-S. and H.-U. Dahms, 2011. The effects of hydrothermal vents on distribution, abundance, and survivorship of marine life in Turtle Island (Kueishantao), Taiwan. BIT's 1st Annual Congress of Marine Biotechnology (WCMB-2011), Dalian, China, April 25-30, 2011.
212. Awasthi, A. K., C.-H. Wu, K.-H. Tsai, C.-C. King and J.-S. Hwang, 2011. Predation Mechanism of an Ambush Predatory Copepod *M. leuckarti*. The 2nd International Forum for Surveillance and Control of Mosquitoes and Mosquito-Borne Diseases, Beijing, China, May 23-27, 2011.
213. Hwang, J.-S., K. Murugan and V. Sampath, 2011. Bioactivities of *Delonix Elata* and *Mesocyclops Aspericornis* for the control of Dengue Vector, *Aedes Aegypti*. The 2nd International Forum for Surveillance and Control of Mosquitoes and Mosquito-Borne Diseases, Beijing, China, May 23-27, 2011.
214. Murugan, K., A. N. Kumar, M. Nicoletti and J.-S. Hwang, 2011. Mosquitocidal and Water Purification Properties of Botanicals for the control of Disease vectors. Malaria, Filariasis and Dengue and Water Reuse Technology, The Aquatic Ecosystem Puzzle: Threats, Opportunities & Adaptation. June 13-15, 2011. Siena Italy.
215. Hwang, J.-S., H.-U. Dahms, I. Chan, J.-J. Hung and C.-F. Chang, 2011. The effects of hydrothermal vent on the corals, crabs and copepods in Turtle Island. 臺澳紐三邊海洋生物、多樣性及生態研討會，台灣，基隆，6月20-21日。
216. Hwang, J.-S., S. Souissi, L.-C. Tseng, J. C. Molinero, Q.-C. Chen and C. K. Wong, 2011. Effects of NE Monsoon on the distribution of *Calanus sinicus* in the western north Pacific Ocean. 11th International Conference on Copepoda, Merida, Mexico, July 10-15. P.54.
217. Hwang, J.-S., J. C. Molinero, L.-C. Tseng, Q.-C. Chen and J. J. Hung, 2011. Spatial and temporal distributions of copepods in the South China Sea. 11th International Conference on Copepoda, Merida, Mexico, July 10-15. P.53.
218. Tseng, L.-C., H.-U. Dahms, Q.-C. Chen and J.-S. Hwang, 2011. Mesozooplankton and copepod community structures in the southern East China Sea during the monsoon transition period. 11th International Conference on Copepoda, Merida, Mexico, July 10-15. P.143.
219. Tseng, L.-C., H.-U. Dahms, R. Kumar, Q.-C. Chen and J.-S. Hwang, 2011. The shallow mixed layer of the subtropical South China Sea reveals a particular autumn copepod community structure. 11th International Conference on Copepoda, Merida, Mexico, July 10-15. P.144.
220. Wu, C.-H., E. J. Buskey, J. R. Strickler and J.-S. Hwang, 2011. The Behavioral Patterns of Copepoda *Acartia tonsa* in Toxic Algae *Karenia brevis*. 11th International Conference on Copepoda, Merida, Mexico, July 10-15. P.156.
221. Wu, C.-H., L.-C. Tseng, R. Kumar, T. Kao, G.-S. Lian and J.-S. Hwang, 2011. Six year's observations of copepod community structure in a mixed semi-enclosed embayment adjacent to tropical West Pacific. 11th International Conference on Copepoda, Merida, Mexico, July 10-15. P.157.
222. Awasthi, A. K., C.-H. Wu, K.-H. Tsai, C.-C. King and J.-S. Hwang, 2011. Does undersize predator induce behavioral modifications on larger prey? 11th International Conference on Copepoda, Merida, Mexico, July 10-15. P.8.
223. Awasthi, A. K., C.-H. Wu and J.-S. Hwang, 2011. Aiming and site specific attack by an ambush predator, *Mesocyclops leuckarti*, on their prey *Aedes aegypti*. 11th International Conference on Copepoda, Merida, Mexico, July 10-15. P.7.
224. Mantha, G., A. K. Awasthi and J.-S. Hwang, 2011. Comparative study on copepod distribution under three different mesh-sizes around Kueishentao Island, Taiwan. 11th International Conference on Copepoda, Merida, Mexico, July 10-15. P.76.

225. Mantha, G., A. K. Awasthi and J.-S. Hwang, 2011. Diversity and abnormalities of cyclopoid copepods around hydrothermal vent fluids, Kueishantao Island, Taiwan. 11th International Conference on Copepoda, Merida, Mexico, July 10-15. P.75.
226. Raunak, R. Kumar and J.-S. Hwang, 2011. Predation by *Pseudodiaptomus annandalei* (Copepoda: Calanoida) on rotifer prey: size selection, egg predation and effect of algal diet. 11th International Conference on Copepoda, Merida, Mexico, July 10-15. P.115.
227. Raunak, R. Kumar and J.-S. Hwang, 2011. Demographic responses of cyclopoid copepod (*Mesocyclops aspericornis*) to insecticidal phytochemical piperine ((E, E)-1-piperoyl-piperidine). 11th International Conference on Copepoda, Merida, Mexico, July 10-15. P.114.
228. Chen, M.-R., J.-C. Molinero, M. Moison and J.-S. Hwang, 2011. Effects of food and light on *Calanus sinicus* swimming behavior. 11th International Conference on Copepoda, Merida, Mexico, July 10-15. P.22.
229. Awasthi, A. K., C.-H. Wu, K.-H. Tsai, C.-C. King and J.-S. Hwang, 2011. Predation Mechanism of an Ambush Predatory Copepod *M. leuckarti*. 2nd International Congress of Global warming on biodiversity of insects: management and conservation, Coimbatore, India, August 24-26, 2011. P.8.
230. Chan, I., J.-J. Hung, S.-H. Peng and J.-S. Hwang, 2011. Identification of the ahermatypic coral *Tubastraea coccinea* in the bay of a former coastal mining site and its ability to accumulate heavy metals. 第四屆海峽兩岸珊瑚礁生物學與海洋保護區研討會，中國、廣州，9月3-7日，P.37.
231. Tseng, L.-C., H.-U. Dahms and J.-S. Hwang, 2011. Recovery from sedimentation of the gorgonian *Subergorgia suberosa* (Pallas, 1766). 第四屆海峽兩岸珊瑚礁生物學與海洋保護區研討會，中國、廣州，9月3-7日，P.54.
232. Chan, I., J.-J. Hung, S.-H. Peng, L.-C. Tseng, C.-H. Wu and J.-S. Hwang, 2011. A peculiar ahermatypic coral *Tubastraea coccinea*, tolerance to and acidic environment near the Kueishantao hydrothermal vent and its ability to accumulation heavy metals. 第四屆海峽兩岸珊瑚礁生物學與海洋保護區研討會，中國、廣州，9月3-7日，P.95.
233. Lopez-Lopez, L., J. C. Molinero, L.-C. Tseng, Q.-C. Chen and J.-S. Hwang, 2011. Hydro-climate as driver of gelatinous zooplankton distribution and abundance variability. MEECE Summer School- Marine ecosystems evolution in a changing environment (Ankara- Turkey, September 2011).
234. Hwang, J.-S., S. Souissi, L.-C. Tseng, J. C. Molinero, Q.-C. Chen and C. K. Wong, 2011. Effects of NE monsoon on the distribution of *Calanus sinicus* in the waters of Taiwan, western North Pacific Ocean. 「2011年兩岸生物多樣性學術研討會」, 11月14~15日，南投集集特生中心。
235. 余昱明、曾立鈞、黃將修，2011。台灣龜山島海底熱泉的烏龜怪方蟹(*Xenograpsus testudinatus*)之頭胸甲寬、體長、重量關係及族群分布之研究。2011 台灣水產學會學術論文發表會論文摘要集，台灣，高雄，12月3日，P.37。
236. 洪健文、黃將修，2011。矽藻二次代謝物對橈足類 *Acartia bilobata* 游泳行為之影響，2011 台灣水產學會學術論文發表會論文摘要集。台灣，高雄，12月3日，P.119。
237. 艾墨、洪佳章、彭紹宏、張清風、黃將修，2011。不同污染環境中無共生藻石珊瑚目短管星珊瑚體內金屬累積之比較。2011 台灣水產學會學術論文發表會論文摘要集，台灣，高雄，12月3日，P.120。
238. 陳銘仁、黃將修，2011。不同食物濃度下中華哲水蚤之游泳行為研究。2011 台灣水產學會學術論文發表會論文摘要集，台灣，高雄，12月3日，P.130。

- 239.Hwang, J.-S., I. Chan, H.-U. Dahms, J.-J. Hung, S.-H. Peng, L.-C. Tseng, A. K. Awasthi and C.-F. Chang, 2011. Effects of hydrothermal vent plumes on the survivorship and distribution of copepods and corals in Kueishan Island, Taiwan. 5th Kuroshio Symposium, Kaohsiung, Taiwan, December 10-11.

2010 年

- 240.齊凌岫、吳政翰、黃將修，2010。小擬哲水蚤與其潛在獵物-纖毛蟲之行為互動。2010 年動物行為、生態暨生物教育-中國生物學會暨中華民國魚類學會聯合年會，台灣，彰化，1 月 20-21 日，PA-15，P83。
- 241.Hwang, J.-S. and H.-U. Dahms, 2010. Effects of hydrothermal vents on the copepod life table, survivorship, assemblages and biodiversity of Turtle Island, Taiwan. As plenary lecture abstract book of National Symposium on Biodiversity Biotechnology and Man: interdependence and future challenges held from March 26-28, 2010, New Delhi, India. P. 13.
- 242.Kumar, R. and J.-S. Hwang, 2010. Copepods as determinants of biodiversity in freshwater and marine ecosystems. A comparative: an overview: as plenary lecture; abstract book of National Symposium on Biodiversity Biotechnology and Man: interdependence and future challenges held from March 26-28, 2010, New Delhi, India. P. 19
- 243.Awasthi, A. K., C.-H. Wu, R. Kumar and J.-S. Hwang, 2010. Is diving, an antipredatory behavior in mosquito pupae? Abstract book of National Symposium on Biodiversity Biotechnology and Man: interdependence and future challenges held from March 26-28, 2010, New Delhi, India. P. 45.
- 244.Peng, S.-H., J.-J. Hung and J.-S. Hwang, 2010. Bioaccumulation of trace metals in the crab *Xenograpsus testudinatus* of Kueishan Island submarine hydrothermal fields. 2010 國科會海洋學門海洋科學成果發表會，台灣，南投，3/31-4/2。
- 245.Peng, S.-H., J.-J. Hung and J.-S. Hwang, 2010. Bioaccumulation of trace metals in the crab *Xenograpsus testudinatus* of Kueishan Island submarine hydrothermal fields. 6th International Conference on Marine Pollution and Ecotoxicology, Hong Kong, 31 May – 3 June, P.55.
- 246.Hwang, J.-S., S. Souissi, L.-C. Tseng, J. C. Molinero, Q.-C. Chen and C. K. Wong, 2010. Effects of NE monsoon on the population dynamic of *Calanus sinicus* in northern Taiwan. PACON 2010, Hawai'i at Hilo, 1-5 June, P.61.
- 247.Dahms, H.-U. and J.-S. Hwang, 2010. Hydrothermal vent effluents affect the life stages of the copepods *Paramphiascella* sp. AND *Tisbe* sp.. Seventh International Crustacean Congress (ICC7), 20-25 June, 2010, Qingdao, China, P.54.
- 248.Hwang, J.-S., S. Souissi, L.-C. Tseng, J. C. Molinero, Q.-C. Chen and C. K. Wong, 2010. Effects of NE monsoon on the seasonality and distribution of *Calanus sinicus* in northern Taiwan. Seventh International Crustacean Congress (ICC7), 20-25 June, 2010, Qingdao, China, P.107.
- 249.Hwang, J.-S., C. K. Wong and Q.-C. Chen, 2010. Recent researches of planktonic crustacean in Taiwan, Hong Kong, and China. Seventh International Crustacean Congress (ICC7), 20-25 June, 2010, Qingdao, China, P.105.
- 250.Souissi, A., S. Souissi, H. Derdar, D. Ballenghien and J.-S. Hwang, 2010. Effect of temperature increase on the body size and the fecundity of the estuarine copepod *Eurytemora affinis*. Climate Change Impacts on Estuarine and Coastal Ecosystem: a Zooplankton Perspective, 28-30 June, 2010, Boulogne sur Mer, France, P.44.
- 251.Buttino, I., J.-S. Hwang, C.-K. Sun, T. M. Liu, C.-T. Hsieh, D. Pellegrini, A. Ianora and G. Romano, 2010. Stree and mortality predication in marine organisms: future applications to study the effects of climate change. Climate Change Impacts on Estuarine and Coastal

- Ecosystem: a Zooplankton Perspective, 28-30 June, 2010, Boulogne sur Mer, France, P.70.
252. Hwang, J.-S., S. Souissi, L.-C. Tseng, J. C. Molinero, Q.-C. Chen and C. K. Wong, 2010. The prevailing NE monsoon and its effects on the distribution of *Calanus sinicus* in the western North Pacific Ocean. Climate Change Impacts on Estuarine and Coastal Ecosystem: a Zooplankton Perspective, 28-30 June, 2010, Boulogne sur Mer, France, P.73.
 253. Mahjoub, M. S., S. Souissi, R. Kumar, F. G. Schmitt and J.-S. Hwang, 2010. The effect of turbulence on the feeding of seabass larvae feeding on live versus dead copepods. Climate Change Impacts on Estuarine and Coastal Ecosystem: a Zooplankton Perspective, 28-30 June, 2010, Boulogne sur Mer, France, P.75.
 254. Dur, G., S. Souissi, D. Devreker and J.-S. Hwang, 2010. Individual based model for the phenology of *Eurytemora affinis* from the seine estuary, France. Climate Change Impacts on Estuarine and Coastal Ecosystem: a Zooplankton Perspective, 28-30 June, 2010, Boulogne sur Mer, France, P.81.
 255. Michalec, F. G., Souissi, S., Schmitt, F. G. and J.-S. Hwang, 2010. The use of copepod behavior as an indicator of natural and anthropogenic perturbations in estuarine ecosystems. Climate Change Impacts on Estuarine and Coastal Ecosystem: a Zooplankton Perspective, 28-30 June, 2010, Boulogne sur Mer, France, P.83.
 256. Dahms, H.-U. and J.-S. Hwang, 2010. HV effluents affect life stages of the copepods *Paramphiascella* sp. and *Tisbe* sp.. 14th International Meiofauna Conference - FourtIMCo, Ghent, Belgium, July 11-16, 2010, P.101.
 257. Mantha, G., S.N.M. Muthaian, A. Kareem and J.-S. Hwang, 2010. Community structure of harpacticoida (Crustacea: Copepoda) from the coast of Chennai, India. 14th International Meiofauna Conference - FourtIMCo, Ghent, Belgium, July 11-16, 2010, P.148.
 258. Mantha, G., S.N.M. Muthaian, A. Kareem and J.-S. Hwang, 2010. Monthly distribution of meiofauna from five sandy beaches of south-east India. 14th International Meiofauna Conference - FourtIMCo, Ghent, Belgium, July 11-16, 2010, P.149.
 259. Hwang, J.-S., S. Souissi, L.-C. Tseng, J. C. Molinero, Q.-C. Chen and C. K. Wong, 東北季風盛行與其對西北太平洋之中華哲水蚤分布的影響。第八屆海峽兩岸海洋科學研討會，花蓮，2010年9月7-11日，P.113。
 260. Alekseev, V., J.S. Hwang and A. Makrushin, 2010. Does the molecular weight of toxicants determine the survivorship of activated resting stages in aquatic animals? 37th Annual Aquatic Toxicity Workshop, Toronto, Ontario, October 3-6, 2010, P.44.
 261. Hwang, J.-S., S. Souissi, L.-C. Tseng, J. C. Molinero, Q.-C. Chen and C. K. Wong, 2010. Effects of NE monsoon on the distribution of *Calanus sinicus* in the western North Pacific Ocean. The First Cross-Straits Workshop on Marine Biodiversity, Xiamen, China, November 4-7, 2010, P.10.
 262. Kâ, S. and J.-S. Hwang, 2010. Zooplankton distribution and composition in the northeastern coast of Taiwan during autumn: Kuroshio Current and hydrothermal vents effects. The First Cross-Straits Workshop on Marine Biodiversity, Xiamen, China, November 4-7, 2010, P.44.
 263. Mantha, G. and J.-S. Hwang, 2010. Cyclopoid copepod distribution around Northeastern Taiwan Coast. The First Cross-Straits Workshop on Marine Biodiversity, Xiamen, China, November 4-7, 2010, P.43.
 264. Tseng, L.-C., Q.-C. Chen and J.-S. Hwang, 2010. A decadal study of *Noctiluca scintillans* in the coastal waters adjacent to Nuclear power plants in the Southern East China Sea north of Taiwan. The First Cross-Straits Workshop on Marine Biodiversity, Xiamen, China,

November 4-7, 2010, P.45-46.

265. Tseng, L.-C., Q.-C. Chen and J.-S. Hwang, 2010. The dynamics of population structure and sex ratio studies of *Calanus sinicus* (Copepoda: Calanoida) in coastal area of southern East China Sea. The First Cross-Straits Workshop on Marine Biodiversity, Xiamen, China, November 4-7, 2010, P.47-48.
266. Awasthi, A. K., C.-H. Wu, R. Kumar and J.-S. Hwang, 2010. Anti-Predator Behavior In *Culex pipiens* Mosquito Pupae. The First Cross-Straits Workshop on Marine Biodiversity, Xiamen, China, November 4-7, 2010, P.121-122.
267. Awasthi, A. K., C.-H. Wu, R. Kumar, K.-H. Tsai, C.-C. King and J.-S. Hwang, 2010. Undersized Predator: An ambiguous issue in prey-predator interactions. The First Cross-Straits Workshop on Marine Biodiversity, Xiamen, China, November 4-7, 2010, P.123-124.
268. Mantha, G. and J.-S. Hwang, 2010. Abnormal protrusions on copepods from hydrothermal vent of Turtle Island, Taiwan. The First Cross-Straits Workshop on Marine Biodiversity, Xiamen, China, November 4-7, 2010, P.125-126.
269. Chan, I., L.-C. Tseng, C.-F. Chang and J.-S. Hwang, 2010. The bioaccumulation of heavy metals on the gorgonian coral *Subergorgia suberosa* by seawater from a former coastal mining site, Yin-Yang Sea at Northeast Taiwan. The First Cross-Straits Workshop on Marine Biodiversity, Xiamen, China, November 4-7, 2010, P.127-128.
270. Chan, I., L.-C. Tseng, C.-H. Wu, A. K. Awasthi, S.-H. Peng, J.-J. Hung and J.-S. Hwang, 2010. Effects of Kueishantao hydrothermal vent acidified seawater on the *Acropora valida*, demonstrated by scanning electron microscope (SEM) revealing detrimental effects. The First Cross-Straits Workshop on Marine Biodiversity, Xiamen, China, November 4-7, 2010, P.129-130.
271. Kâ, S., S.-H. Cheng, A. Ianora, I. Buttino and J.-S. Hwang, 2010. Short-term impact of 2,4-heptadienal on the calanoid copepod, *Pseudodiaptomus annandalei*. The First Cross-Straits Workshop on Marine Biodiversity, Xiamen, China, November 4-7, 2010, P.131.
272. Mahjoub, M.-S., S. Souissi, R. Kumar, F. G. Schmitt and J.-S. Hwang, 2010. Feeding dynamics in *Dicentrarchus labrax* (Teleostei) post-larvae on *Artemia* sp. nauplii in turbulence. The First Cross-Straits Workshop on Marine Biodiversity, Xiamen, China, November 4-7, 2010, P.132.
273. Mahjoub, M.-S., S. Souissi, F. G. Michelac, F. G. Schmitt and J.-S. Hwang, 2010. Role of copepods' behavior in their conspicuousness to a planktivorous predator. The First Cross-Straits Workshop on Marine Biodiversity, Xiamen, China, November 4-7, 2010, P.134.
274. Mahjoub, M.-S., S. Souissi, R. Kumar, J.-S. Hwang and F. G. Schmitt, 2010. Feeding of sea bass larvae (Teleostei) on *Eurytemora affinis* (Copepoda) in turbulent flow: effect of prey viability. The First Cross-Straits Workshop on Marine Biodiversity, Xiamen, China, November 4-7, 2010, P.133.
275. Michalec, F.-G., S. Souissi and J.-S. Hwang, 2010. Comparative study of the swimming behavior of two contrasted calanoid copepod species (*Eurytemora affinis* and *Pseudodiaptomus annandalei*) under different salinity conditions. The First Cross-Straits Workshop on Marine Biodiversity, Xiamen, China, November 4-7, 2010, P.135-136.
276. Michalec, F.-G., S. Souissi and J.-S. Hwang, 2010. The use of copepod behavior for assessing environmental conditions in marine ecosystems: on the importance of experimental conditions. The First Cross-Straits Workshop on Marine Biodiversity, Xiamen, China, November 4-7, 2010, P.137-138.
277. Wu, C.-H., S.-H. Cheng, S. Souissi and J.-S. Hwang, 2010. The Behavioral Modeling

- Study of Copepoda *Acartia southwelli* and *Apocyclops royi* in 3D Dimensions. The First Cross-Straits Workshop on Marine Biodiversity, Xiamen, China, November 4-7, 2010, P.139-140.
278. Wu, C.-H., E. J. Buskey, J. R. Strickler and J.-S. Hwang, 2010. The Behavioral Model of Copepoda *Acartia tonsa* in Toxic Algae *Karenia brevis*. The First Cross-Straits Workshop on Marine Biodiversity, Xiamen, China, November 4-7, 2010, P.141.
279. 連光山、王彥國、黃將修, 2010。西北太平洋橈足類多樣性及生態研究。The First Cross-Straits Workshop on Marine Biodiversity, Xiamen, China, November 4-7, 2010, P.54.
280. Hwang, J.-S. and H.-U Dahms, 2010. The effects of hydrothermal vent on the marine life in Turtle Island, 2010 Taiwan-France Conference “Biodiversity and Ecophysiology of Marine Organisms”, Keelung, Taiwan, November 19-23, 2010, P.35.
281. Kumar, R., S. Souissi, M.-S. Mahjoub, A. Souissi, Raunak and J.-S. Hwang, 2010. Patterns of prey selection in European sea bass larvae under light and dark conditions: effects of ontogeny and relative abundance of prey. 2010 Taiwan-France Conference “Biodiversity and Ecophysiology of Marine Organisms”, Keelung, Taiwan, November 19-23, 2010, P.57.
282. Tseng, L.-C., Q.-C. Chen and J.-S. Hwang, 2010. Biodiversity and spatial variation in the mesozooplankton and copepods in South China Sea. 2010 Taiwan-France Conference “Biodiversity and Ecophysiology of Marine Organisms”, Keelung, Taiwan, November 19-23, 2010, P.69.
283. Chan, I., L.-C. Tseng, C.-F. Chang and J.-S. Hwang, 2010. The bioaccumulation of heavy metals on the gorgonian coral *Subergorgia suberosa* by seawater from a former coastal mining site, Yin-Yang Sea at Northeast Taiwan. 2010 Taiwan-France Conference “Biodiversity and Ecophysiology of Marine Organisms”, Keelung, Taiwan, November 19-23, 2010, P.70.
284. Chan, I., L.-C. Tseng, C.-H. Wu, A. K. Awasthi, S.-H. Peng, J.-J. Hung and J.-S. Hwang, 2010. Effects of Kueishantao hydrothermal vent acidified seawater on the *Acropora valida*, demonstrated by scanning electron microscope (SEM) revealing detrimental effects. 2010 Taiwan-France Conference “Biodiversity and Ecophysiology of Marine Organisms”, Keelung, Taiwan, November 19-23, 2010, P.71.
285. Kumar, R., Raunak, S.-H. Cheng and J.-S. Hwang, 2010. Demographic characteristics of the copepod *Pseudodiaptomus annandalei* Sewell 1919 (Copepoda: Calanoida) fed plant and animal diets. 2010 Taiwan-France Conference “Biodiversity and Ecophysiology of Marine Organisms”, Keelung, Taiwan, November 19-23, 2010, P.72.
286. Kumar, R., P. P. Panda, K. Raghavendra, Raunak, R. Sarkar, and J.-S. Hwang, 2010. Impacts of *Mesocyclops aspericornis* (Copepoda, cyclopoida) on developmental rates of *Aedes aegypti* immature: an outdoor mesocosm study. International Conference on Environment, Energy and Development, December 10-12, 2010, ORISSA (INDIA).
287. Panda, P. P., Raunak, F. A. Kudsar, R. Kumar and J.-S. Hwang, 2010. Impacts of invasive mosquito fish (*Gambusia affinis*) on community composition of a wetland ecosystem: a mesocosm study. International Conference on Environment, Energy and Development, December 10-12, 2010, ORISSA (INDIA).
288. Kumar, R., Raunak, S.-H. Cheng and J.-S. Hwang, 2010. Demographic characteristics of the copepod *Pseudodiaptomus annandalei* Sewell 1919 (Copepoda: Calanoida) fed plant and animal diets. 2010 台灣水產學會學術論文發表會論文摘要集, 台灣, 基隆, 12 月 11 日, P.71。
289. Kâ, S. and J.-S. Hwang, 2010。秋季時台灣東北岸浮游生物之分布與組成：黑潮與熱泉噴口之影響。2010 台灣水產學會學術論文發表會論文摘要集, 台灣, 基隆, 12 月

11 日, P.187。

290.Kâ, S., S.-H. Cheng, A. Ianora, I. Buttino, and J.-S. Hwang, 2010。2, 4-庚二烯醛對哲水蚤目之橈足類安氏偽鏢水蚤之短期作用。2010 台灣水產學會學術論文發表會論文摘要集, 台灣, 基隆, 12 月 11 日, P.188。

291.曾立鈞、陳清潮、黃將修, 2010。黑潮與南海水團中之中型浮游動物群聚的生物多樣性研究。2010 台灣水產學會學術論文發表會論文摘要集, 台灣, 基隆, 12 月 11 日, P.188。

2009 年

292.吳政翰、黃將修, 2009。橈足類 3D 行為模式研究。2009 年動物行為暨生態學術聯合年會, 台灣, 台中, 1 月 21-22 日, AP-30, P44。

293.陳銘仁、黃將修, 2009。中華哲水蚤在不同光源條件基礎行為模式研究。2009 年動物行為暨生態學術聯合年會, 台灣, 台中, 1 月 21-22 日, AP-31, P44。

294.Hwang, J.-S., S. Souissi, L.-C. Tseng, J. C. Molinero, Q.-C. Chen and C. K. Wong, 2009. Where does *Calanus sinicus* (Calanoida) of Taiwan come from? 2009 年動物行為暨生態學術聯合年會, 台灣, 台中, 1 月 21-22 日, D-12, P24。

295.Hwang, J.-S. and H.-U. Dahms, 2009. Effects of hydrothermal vents on the copepod survivorship and distribution. 2009 國科會海洋學門海洋科學成果發表會, 台灣, 花蓮, 4 月 13-15 日。

296.Kuo, C.-S., S. Ka, R. Kumar and J.-S. Hwang, 2009. Combined effects of salinity, food level and presence of other zooplankters on the population dynamics of the rotifer *Brachionus rotundiformis*. 2009 國科會海洋學門海洋科學成果發表會, 台灣, 花蓮, 4 月 13-15 日。

297.陳銘仁、黃將修, 2009。中華哲水蚤在不同食物條件下基礎行為模式研究。2009 國科會海洋學門海洋科學成果發表會, 台灣, 花蓮, 4 月 13-15 日。

298.Wu, C.-H., H.-U. Dahms, E. J. Buskey, J. R. Strickler and J.-S. Hwang, 2009. Behavioral interactions of *Temora turbinata* with potential ciliate prey. 2009 國科會海洋學門海洋科學成果發表會, 台灣, 花蓮, 4 月 13-15 日。

299.Mahjoub, M.-S., G. Dur, S. Souissi, F. Schmitt and J.-S. Hwang, 2009. Effects of prey availability on the malabar grouper (*Epinephelus malabaricus*) larvae swimming behavior. 2009 國科會海洋學門海洋科學成果發表會, 台灣, 花蓮, 4 月 13-15 日。

300.Mahjoub, M.-S., S. Souissi, F. Schmitt and J.-S. Hwang, 2009. Fish larvae feeding in turbulence: insights from an experimental study. 2009 國科會海洋學門海洋科學成果發表會, 台灣, 花蓮, 4 月 13-15 日。

301.Chan, I. and J.-S. Hwang, 2009. Effects of a former coastal mining site Ying-Yang Hai in NE-Taiwan on the pollution and recovery of the gorgonian coral *Subergorgia suberosa*. 2009 國科會海洋學門海洋科學成果發表會, 台灣, 花蓮, 4 月 13-15 日。

302.Dur, G., S. Souissi, F. Schmitt, S.-H. Cheng and J.-S. Hwang, 2009. Mating behaviour of *Pseudodiaptomus annandalei* (Copepoda Calanoida) with emphasis on mate choice and sex ratio effect. 2009 國科會海洋學門海洋科學成果發表會, 台灣, 花蓮, 4 月 13-15 日。

303.Beyrend-Dur, D., S. Souissi and J.-S. Hwang, 2009. Temporal variation of population structure of dominant copepod species in the Danshuei estuary (Taiwan). 2009 國科會海洋學門海洋科學成果發表會, 台灣, 花蓮, 4 月 13-15 日。

304.Awasthi, A. K., C.-H. Wu, R. Kumar and J.-S. Hwang, 2009. Diving behavior of mosquito pupae in presence of predatory fish *Poecilia reticulata*. 2009 國科會海洋學門海

洋科學成果發表會，台灣，花蓮，4月13-15日。

- 305.Lee, C.-H., H. U. Dahms, S.-H. Cheng, S. Souissi, F. G. Schmitt, R. Kumar and J.-S. Hwang, 2009. Predation on *Pseudodiaptomus annandalei* (Copepoda: Calanoida) by the grouper fish larvae *Epinephelus coioides* under different hydrodynamic conditions. EGU General Assembly 2009 Vienna-AUSTRIA, 19-27 April, EGU2009-3891.
- 306.Lee, C.-H., H. U. Dahms, S.-H. Cheng, S. Souissi, F. G. Schmitt, R. Kumar and J.-S. Hwang, 2009. Mating behaviour of *Pseudodiaptomus annandalei* (Copepoda, Calanoida) in calm and turbulent waters. EGU General Assembly 2009 Vienna-AUSTRIA, 19-27 April, EGU2009-6604.
- 307.Dur, G., S. Souissi, F.G. Schmitt, J.-S. Hwang and S.-H. Cheng, 2009. Mating behaviour of *Pseudodiaptomus annandalei* (Copepoda Calanoida) with emphasis on rejection rate. EGU General Assembly 2009 Vienna-AUSTRIA, 19-27 April, EGU2009-10729.
- 308.Hwang, J.-S. and H.-U. Dahms, 2009. Effects of hydrothermal vents on the copepod survivorship and distribution. 2009 Taiwan and Italy Conference on Marine Biology, Keelung, Taiwan, 25-26 May, P. 27.
- 309.Dahms, H.-U. and J.-S. Hwang, 2009. Mass mortalities in the plankton - with examples from a hydrothermal vent site at Kueishantao. 2009 Taiwan and Italy Conference on Marine Biology, Keelung, Taiwan, 25-26 May, P. 66.
- 310.Andrei, M., V. Alekseev and J.-S. Hwang, 2009. On selective possibility to penetration in protective envelopes of resting stages of animals and plants to toxicants. International workshop «Use of dormancy in space researches» 12-13 June 2009, Zoological Institute of RAS ST. Petersburg, Russia.
- 311.Hwang, J.-S. and V. Alekseev, 2009. Biota of a hydrothermal vent in Taiwan as an unique polygon to study extraterrestrial life with Video-film on dormancy in extremophilic organisms. International workshop «Use of dormancy in space researches» 12-13 June 2009, Zoological Institute of RAS ST. Petersburg, Russia.
- 312.Hwang, J.-S. and H.-U. Dahms, 2009. Effects of hydrothermal vents on the copepod life table, survivorship, and assemblages. International Conference on Recent Trends in Life Science, Vinoba Bhave University, India, 27-29 June.
- 313.Hwang, J.-S. and V. R. Alekseev, 2009. Role of Diapause in Dispersal of Aquatic Invertebrates with ship ballast waters. International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 11.
- 314.Dahms, H.-U., I. Mirabdullayev and J.-S. Hwang, 2009. Plankton distribution at mesoscales – lessons from *Oithona* spp. (Copepoda, Cyclopoida) around Turtle Island, East China Sea. International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 13.
- 315.Sukhih, N., S. Souissi, J.-S. Hwang and V. R. Alekseev, 2009. Molecular genetic and morphological study on *E. affinis* cryptic species invasion in Baltic and Atlantic coast waters. International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 14.
- 316.Kumar, R., Raunak, K. Raghavendra, A. Souissi, S. Souissi and J.-S. Hwang, 2009. Direct observation of the predation behavior of a cyclopoid copepod preying on larval (fish, *Artemia* and mosquito larvae) prey under different biotic and abiotic conditions. International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 23.

317. Murugan, K., J.-S. Hwang, K. Kovendan, K. Prasanna kumar, C. Vasugi and A. Naresh Kumar, 2009. Use of plant products and copepod for the control of Dengue vector, *Aedes aegypti*. International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 24.
318. Hsiao, S.-H., J.-S. Hwang and T.-H. Fang, 2009. The trace metal contents in body and egg sacs of copepod (*Euchaeta concinna*) in waters off the China coast. International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 26.
319. Hsiao, S.-H., S. Kâ, T.-H. Fang and J.-S. Hwang, 2009. Effects of water masses and seasonality on mesozooplankton assemblages in the boundary waters between the East China Sea and the Taiwan Strait. International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 39.
320. Tseng, L.-C., Ram Kumar, Q.-C. Chen and J.-S. Hwang, 2009. A long-term pattern of the copepod community structure and succession in the coastal waters adjacent to Nuclear power plants in the Southern East China Sea north of Taiwan. International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 40.
321. Beyrend-Dur, D., S. Souissi and J.-S. Hwang, 2009. Seasonal and inter-annual variations of dominant calanoid copepods in the mesohaline zone of the subtropical Danshuei estuary (Taiwan). International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 45.
322. Buttino, I., J.-S. Hwang, C.-K. Sun, S.-H. Cheng, D. Pellegrini, D. Sartori, A. Ianora and A. Miralto, 2009. Apoptosis to predict mortality in copepods: review and future perspectives, International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 51.
323. Dur, G., M.-S. Mahjoub, F. Schmitt, S. Souissi and J.-S. Hwang, 2009. Analysis of *Eurytemora affinis* swimming behaviour: Effect of density, volume and light. International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 59.
324. Mahjoub, M.-S., R. Kumar, S. Souissi, F. Schmitt and J.-S. Hwang, 2009. Effect of turbulent flow on the ingestion rates of European sea-bass (*Dicentrarchus labrax*) post larvae: an experimental study. International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 60.
325. Souissi, A., S. Souissi and J.-S. Hwang, 2009. Effect of peritrich ciliates as epibiont on the behavior of the copepod *Eurytemora affinis*. International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 61.
326. Michalec, F.-G., S. Souissi, G. Dur, M.-S. Mahjoub, F. G. Schmitt and J.-S. Hwang, 2009. Comparative study of the swimming behavior of two contrasted calanoid copepod species (*Eurytemora affinis* and *Pseudodiaptomus annandalei*) under different salinity conditions. International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 62.
327. Dahms, H.-U., L.-C. Tseng, S.-H. Hsiao and J.-S. Hwang, 2009. Mesozooplankton in riverine, estuarine, and marine parts of the Lanyang-River, northeastern Taiwan.

- International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 66.
328. Dahms, H.-U., Y.-T. Chen, S.-H. Hsiao and J.-S. Hwang, 2009. Can mouth parts indicate food preference of planktonic copepods? International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 67.
329. Tseng, L.-C., H.-U. Dahms, Q.-C. Chen and J.-S. Hwang, 2009. Planktonic mesozooplankton structure and copepod fauna in the water of the southern East China Sea during the monsoon transit period. International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 71.
330. Chou, C., C.-H. Ou, L.-C. Tseng, H.-U. Dahms, Q.-C. Chen and J.-S. Hwang, 2009. Seasonal succession of copepod communities in Shen-Aou Bay, northeastern Taiwan. International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 72.
331. Tseng, L.-C., H.-U. Dahms, C. Chou, Q.-C. Chen and J.-S. Hwang, 2009. Seasonal community changes of jellyfish and chaetognaths in Shen-Aou Bay in the northeast of Taiwan. International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 73.
332. Tseng, L.-C., R. Kumar, Q.-C. Chen and J.-S. Hwang, 2009. Summer Zooplankton Community Structure in the southwestern and southern East China Sea before inception of the Three Gorges Dam. International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 74.
333. Wu, C.-H., L.-C. Tseng, R. Kumar, G.-S. Lian and J.-S. Hwang, 2009. A six years study of the succession of copepod community structure and abundance reveals the differential influence of the Kuroshio Current and the South China Sea Warm Water Current in a tropical semi-enclosed embayment. International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 75.
334. Mahjoub, M.-S., G. Dur, S. Souissi, F. Schmitt and J.-S. Hwang, 2009. Prey availability governs Malabar grouper (*Epinephelus malabaricus*) larvae swimming properties. International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 77.
335. Chang, Y.-C., J.-C. Yan, J.-S. Hwang, C.-H. Wu and M.-T. Lee, 2009. The study of behavioral patterns under various nourishing conditions for ciliates using spatial analysis. International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 84.
336. Cheng, S.-H., C.-H. Lee, P.-Y. Tsai and J.-S. Hwang, 2009. The behavior and culture of calanoid copepod, *Pseudodiaptomus annandalei*, in the laboratory, International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 90.
337. Chen, M.-R., S. Kâ and J.-S. Hwang, 2009. What food does *Calanus sinicus* eat during NE Monsoon in Northern Taiwan ? International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and

aquaculture, Keelung, Taiwan, 6-8 October, P. 92.

- 338.Hwang, J.-S. and J. R. Strickler, 2009. A Pilot study of observing copepod swarming in the coral reefs of Ken-Ding, Taiwan by underwater laser video optical system in situ. International Conferences on (1) Dormancy in crustaceans: research findings and applications (2) Zooplankton behavior, ecology and aquaculture, Keelung, Taiwan, 6-8 October, P. 94.

2008 年

- 339.Mahjoub, M. S., D. Devreker, S. Souissi, F.G. Schmitt and J.S. Hwang, 2008. Vulnerability of the copepod *Eurytemora affinis* to a co-occurring predator from the Seine estuary: influence of light, sex, and physiological state. EGU General Assembly 2008 Vienna-AUSTRIA, 14-17 April, EGU2008-A-1234.
- 340.Chen, M.-R. and J.-S. Hwang, 2008. Diets of *Calanus sinicus* in northern coastal waters of Taiwan during NE monsoon prevailing in winter. 2008 國科會海洋學門成果發表會，台灣，彰化鹿港，4 月 20-22 日。
- 341.Dahms, H.-U. and J.-S. Hwang, 2008. Do hydrothermal vents affect plankton and larval distribution at Turtle Island, Kueishan Tao? 2008 國科會海洋學門成果發表會，台灣，彰化鹿港，4 月 20-22 日。
- 342.Chan, I. and J.-S. Hwang, 2008. Effects of contaminated water from a former coastal mining site in NE-Taiwan on the gorgonian coral *Subergorgia suberosa*. 2008 國科會海洋學門成果發表會，台灣，彰化鹿港，4 月 20-22 日。
- 343.Dahms, H.-U., S.-H. Hsiao, L.-C. Tseng and J.-S. Hwang, 2008. Zooplankton biodiversity, biomass and feeding impact of free-living copepods in the Lan-Yang river and its estuary in northeastern Taiwan. 10th International Conference on Copepoda, Pattaya, Thailand, July 13-19, P. 40.
- 344.Hwang, J.-S. and H.-U. Dahms, 2008. Do hydrothermal vents affect planktonic copepods? A case study from Turtle Island, Taiwan. 10th International Conference on Copepoda, Pattaya, Thailand, July 13-19, P. 57.
- 345.Kumar, R., T. R. Rao and J.-S. Hwang, 2008. Postembryonic developmental rates and demographic parameters of *Pseudodiaptomus annandalei* as a function of salinity and temperature. 10th International Conference on Copepoda, Pattaya, Thailand, July 13-19, P. 65.
- 346.Beyrend-Dur, D., S.-H. Cheng, S. Souissi and J.-S. Hwang, 2008. Reproductive biology of *Pseudodiaptomus annandalei* (Copepoda; Calanoida). 10th International Conference on Copepoda, Pattaya, Thailand, July 13-19, P. 113.
- 347.Dur, G., J.-S. Hwang, S. Souissi, F. Schmitt and S.-H. Cheng, 2008. Behaviour of the copepod *Pseudodiaptomus annandalei*: comparison of the swimming pattern of female, ovigerous female and male. 10th International Conference on Copepoda, Pattaya, Thailand, July 13-19, P. 127.
- 348.Hsiao, S.-H., J.-S. Hwang and T.-H. Fang, 2008. Copepod species compositions and body contents of trace metals in the waters of northern Taiwan. 10th International Conference on Copepoda, Pattaya, Thailand, July 13-19, P. 144.
- 349.Lee, C.-H., H.-U. Dahms, S.-H. Cheng and J.-S. Hwang, 2008. Hydrodynamic patterns affect copepod mating and predation by grouper larvae *Epinephelus coioides* on *Pseudodiaptomus annandalei* (Copepoda, Calanoida). 10th International Conference on Copepoda, Pattaya, Thailand, July 13-19, P. 162.
- 350.Souissi, A., S. Souissi, D. Devreker and J.-S. Hwang, 2008. Occurrence of feminized male on a laboratory culture of the copepod *Eurytemora affinis* from the Seine estuary. 10th International Conference on Copepoda, Pattaya, Thailand, July 13-19, P. 208.
- 351.Tseng, L.-C., J.-S. Hwang and Q.-C. Chen, 2008. Autumn Copepod community structure

- and their feeding in the shallow mixed layer of the subtropical South China Sea. 10th International Conference on Copepoda, Pattaya, Thailand, July 13-19, P. 216.
352. Wu, C.-H., S.-H. Cheng and J.-S. Hwang, 2008. Effects of food and light on swimming behavior of copepod nauplii *Apocyclops royi* and *Pseudodiaptomus annandalei*. 10th International Conference on Copepoda, Pattaya, Thailand, July 13-19, P. 221.
353. 黃將修、劉樹忠、黃克莉、黃慕也、譚漢詩、張清風、黃創儉，2008。台灣北部沿岸三種八放珊瑚重金屬蓄積研究。發展國際一流大學及頂尖研究中心計畫-97 年度主題研究計畫成果發表會記學生論文壁報比賽中英文摘要集，台灣，基隆，9 月 19 日，P27-29。
354. 吳政翰、鄭新鴻、黃將修，2008。短角異劍水蚤與安氏偽鏢水蚤無節幼蟲在不同光源及食物條件下之基本行為模式研究。發展國際一流大學及頂尖研究中心計畫-97 年度主題研究計畫成果發表會記學生論文壁報比賽中英文摘要集，台灣，基隆，9 月 19 日，P187-188。
355. 曾立鈞、黃將修、陳清潮，2008。秋季亞熱帶南海表淺混合水層中的橈足類群聚結構與攝食研究。發展國際一流大學及頂尖研究中心計畫-97 年度主題研究計畫成果發表會記學生論文壁報比賽中英文摘要集，台灣，基隆，9 月 19 日，P189-190。
356. Souissi, A., S. Souissi, D. Devreker, D. Ballenghien and J.-S. Hwang, 2008. Experimental pilot study of the plasticity and life cycle responses through multiple generations of the estuarine copepod *Eurytemora affinis*: effect of temperature increase on three genetically divergent populations. 5th World Fisheries Congress, Yokohama, Japan, October 20-25, P. 207.
357. Hwang, J.-S., S. Souissi, L.-C. Tseng, J.C. Molinero and Q.-C. Chen, 2008. China Coastal Current intrusions into the north and west of Taiwan during NE monsoon evidenced by satellite images and long term tracing the key indicator species *Calanus sinicus* (Copepoda: Calanoida). 5th World Fisheries Congress, Yokohama, Japan, October 20-25, P. 440.
358. 黃將修、Souissi, S.、曾立鈞、Molinero, J.C.、陳清潮、黃創儉，2008。以衛星影像與長期追蹤關鍵性指標種橈足類中華哲水蚤(*Calanus sinicus*)證明中國沿岸流在東北季風時期侵入台灣北部與西部海域。2008 台灣水產學會論文摘要集，台灣，台北，12 月 20 日，P54。

2007 年

359. Hwang, J.-S., H. U. Dahms, L.-C. Tseng and Q. C. Chen, 2007. Intrusions of the Kuroshio Current in the northern South China Sea affect copepod assemblages of the Luzon Strait. 台灣地球科學聯合學術研討會，台灣，桃園，5 月 15-18 日，P.56 (O2-4A-06)。
360. Dahms, H. U. and J.-S. Hwang, 2007. The global importance of smaller mesozooplankton – a case study of *Oithona* spp. from the northern South China Sea. 台灣地球科學聯合學術研討會，台灣，桃園，5 月 15-18 日，P.58 (O3-4A-09)。
361. Dahms, H. U., K. Elwers and J.-S. Hwang, 2007. Mesozooplankton assemblages and the life cycles, hibernation and production estimates of copepods at Potter Cove (King George Island) and Marguerite Bay (Antarctic Peninsula). 4th International Zooplankton Production Symposium, Hiroshima, Japan, May 28-June 1, P.107.
362. Hwang, J.-S., C.-H. Lee, S.-H. Cheng and H. U. Dahms, 2007. Effects of turbulent flow fields on fish predation and mating success of *Pseudodiaptomus annandalei* (Copepoda: Calanoida). 4th International Zooplankton Production Symposium, Hiroshima, Japan, May 28-June 1, P.140.
363. Beyrend-Dur, D., S. Souissi, D. Devreker, G. Winkler and J.-S. Hwang, 2007. Salinity effects on the life cycle traits of two genetically divergent populations of *Eurytemora*

- affinis* (Copepoda: Calanoida): a laboratory study. 4th International Zooplankton Production Symposium, Hiroshima, Japan, May 28-June 1, P.159.
364. Beyrend-Dur, D., S. Souissi, D. Devreker, J. C. Molinero and J.-S. Hwang, 2007. High frequency sampling of the copepods *Eurytemora affinis* and *Acartia tonsa* populations in the Seine estuary, France: tidal and seasonal effects. 4th International Zooplankton Production Symposium, Hiroshima, Japan, May 28-June 1, P.159.
 365. Mahjoub, S. M., O. Anneville, J. C. Molinero, S. Souissi and J.-S. Hwang, 2007. Foraging behaviour of the European whitefish *Coregonus lavaretus* larvae on copepods. 4th International Zooplankton Production Symposium, Hiroshima, Japan, May 28-June 1, P.160.
 366. Dur, G., S. Souissi, D. Devreker, V. Ginot, F. G. Schmitt and J.-S. Hwang, 2007. Individual-based experimental and modeling approach to study the effects of temperature and individual variability on the reproduction of the estuarine copepod *Eurytemora affinis*. 4th International Zooplankton Production Symposium, Hiroshima, Japan, May 28-June 1, P.202.
 367. Dur, G., S. Souissi, D. Devreker, V. Ginot, F. G. Schmitt and J.-S. Hwang, 2007. Investigation of the influence of temperature on the estuarine copepod *Eurytemora affinis* population dynamics through a combination of an individual-based model and field observations. 4th International Zooplankton Production Symposium, Hiroshima, Japan, May 28-June 1, P.202.
 368. Hwang, J.-S., A. V. Makrushin and V. R. Alekseev, 2007. Toxic\not toxic effects of heavy metals, ozone and organic toxicants on crustacean resting eggs: the case of ballast water sanitation. 30th Congress of the International Association of Theoretical and Applied Limnology, Canada, Aug. 12-18, P.46.
 369. Hwang, J.-S., M. R. Miracle, S. Malyavin and V. R. Alekseev, 2007. Reactivation of crustacean resting stages from aquatic sediments: effects of photoperiod, temperature, site types and latitudes. 30th Congress of the International Association of Theoretical and Applied Limnology, Canada, Aug. 12-18, P.46.
 370. Kumar, R., P. Muhid and J.-S. Hwang, 2007. Intensity of piscivory in the invasive fish *Gambusia affinis* and hits feeding impact on carp larvae: *catla catla* and *labeo rohita*. 12th World Lake Conference, Jaipur, India, Oct. 28-Nov. 2, P.64.
 371. Hwang, J.-S., C.-S. Kuo, R. Kumar, and S.-H. Cheng, 2007. Competitive interactions among *Brachionus plicatilis* (Rotifera), *Pseudodiaptomus annandalei* (Copepoda) and *Diaphanosoma aspinosum* (Cladocera) in relation to food type. 12th World Lake Conference, Jaipur, India, Oct. 28-Nov. 2, P.340.
 372. Wong, C. K., P. Tse, S. Souissi, J.-S. Hwang and Q. C. Chen, 2007. Spatial and seasonal variations in chaetognath assemblages in two subtropical marine inlets with different hydrographical characteristics. 2nd Symposium on Integrative Zoology on December 8-10 in Beijing.
 373. Beyrend-Dur, D., S.-H. Cheng, S. Souissi and J.-S. Hwang, 2007. Effect of temperature and salinity on reproduction of *Pseudodiaptomus annandalei* (Copepoda; Calanoida). Chinese Bioscience, Keelung, 2008/01/28-29. 50(1): 49. (The Biological Society of China Taipei, R.O.C.)
 374. 顏延庭、曾立鈞、黃將修，2007。北部核一核二廠運轉對周邊海域浮游動物生態影響。Chinese Bioscience, Keelung, 2008/01/28-29. 50(1): 55. (The Biological Society of China Taipei, R.O.C.)
 375. 蕭世輝、黃將修、方天熹，2007。台灣北部海域橈足類體內重金屬蓄積之研究。Chinese Bioscience, Keelung, 2008/01/28-29. 50(1): 58. (The Biological Society of China Taipei, R.O.C.)

- 376.Dahms, H.-U. and J.-S. Hwang, 2007. Are vent crab behavioral preferences adaptive in habitat selection? Chinese Bioscience, Keelung, 2008/01/28-29. 50(1): 74. (The Biological Society of China Taipei, R.O.C.)
- 377.Alekseev, V., J.-S. Hwang, H-U. Dahms, R. Kumar, M. S. Miracle, Malyavin and I.-S. Chen, 2007. Geographical variation in diapause abilities in aquatic invertebrates. Chinese Bioscience, Keelung, 2008/01/28-29. 50(1): 74. (The Biological Society of China Taipei, R.O.C.)
- 378.陳映宇、黃將修, 2007。安氏偽鏢水蚤受紫外光照射後對其行為影響之研究。Chinese Bioscience, Keelung, 2008/01/28-29. 50(1): 78. (The Biological Society of China Taipei, R.O.C.)
- 379.Hwang, J.-S., A. V. Makrushin and V. R. Alekseev, 2007. Does the molecular weight of toxicants determine the survivorship of activated resting stages? Chinese Bioscience, Keelung, 2008/01/28-29. 50(1): 78. (The Biological Society of China Taipei, R.O.C.)
- 380.Mahjoub M.-S., C.-H. Wu, S. Souissi, F.-H. Nan and J.-S. Hwang, 2007. Swimming behavior of malabar grouper (*Epinephelus malabaricus*) larvae in response to increasing prey density. Chinese Bioscience, Keelung, 2008/01/28-29. 50(1): 91. (The Biological Society of China Taipei, R.O.C.)
- 381.吳政翰、黃將修、鄭新鴻, 2007。短角異劍水蚤與安氏偽鏢水蚤無節幼蟲在不同光源及食物條件下之基本行為模式研究。Chinese Bioscience, Keelung, 2008/01/28-29. 50(1): 103. (The Biological Society of China Taipei, R.O.C.)
- 382.Gael, D., J.-S. Hwang, S. Souissi, F. Schmitt and S.-H. Cheng, 2007. Swimming behavior of the different adult genders of *Pseudodiaptomus annandalei*. Chinese Bioscience, Keelung, 2008/01/28-29. 50(1): 91. (The Biological Society of China Taipei, R.O.C.)

2006 年

- 383.Hwang, J.-S. and J.R. Strickler, 2006. A pilot study of underwater laser technology on zooplankton behavior research. Taiwan-French Symposium on Marine Biodiversity, Sustainable Fishery and Mariculture, Kaohsiung, Taiwan, June 6-9, p.79-94.
- 384.Hwang, J.-S., X.-J. Liu, K. L. Hwang and C. K. Wong, 2006. Heavy metal accumulations in 3 octocorals in the northern coast of Taiwan. 1th Asia Pacific Coral Reef Symposium, Hong Kong, June 18-24, p.O-34.
- 385.Hwang, J.-S., R. Kumar, C.H. Wu and G.S. Lian, 2006. Copepod assemblages and seasonal succession in a coral reef ecosystem of tropical southern Taiwan. 1th Asia Pacific Coral Reef Symposium, Hong Kong, June 18-24, p.O-13.
- 386.Twan, W.H., J.-S. Hwang, H.F. Wu and C.F. Chang, 2006. Reproduction and hormones in scleractinian corals. 1th Asia Pacific Coral Reef Symposium, Hong Kong, June 18-24, p.M-6.
- 387.Hwang, J.-S. and Strickler, J.R., 2006。以海底雷射光學科技研究浮游動物日夜活動變化與珊瑚攝食過程, 第二屆海峽兩岸珊瑚礁生物學與海洋保護區研討會, 中國.海南. 三亞, June 26-29, p.6.
- 388.Hwang, J.-S., C.-H. Lee, S.-H. Cheng and R. Kumar, 2006. Larve Fish of *Epinephelus Coioides* Predation Success on the *Pseudodiaptomus Annandalei* of Copepoda: Calanoida Under Calm and Turbulent Hydrodynamic Conditions. 2nd International Symposium on Cage Culture in Asia(CAA2), Hangzhou, China, July 3-8, p.20.
- 389.Beyrend-Dur, D., D. Devreker, S. Souissi, J. S. Hwang, G. Winkler and C. E. Lee, 2006. Comparisons of the life cycle traits of two different populations of *E. affinis*: and experimental approach. Can we benefit from a multi-estuaries approach? Boulogne sur mer, France, September 14-16, p.3.
- 390.Hwang, J.-S., C.-W. Hsieh, S.-H. Hsiao, S. Souissi and Q. C. Chen, 2006. Zooplankton

abundance and distribution in the Danshuei estuary and adjacent waters, Estuarine workshop with emphasis on zooplankton, the drainage basin approach and restoration ecology. Can we benefit from a multi-estuaries approach? Boulogne sur mer, France, September 14-16, p.5.

391. Hwang, J.-S., C.-H. Wu, G. S. Lian and Strickler, R., 2006. Copepod assemblages, seasonal succession and behavior observation in a coral reef ecosystem of tropical southern Taiwan. Recent Advances on Long-Term Ecological Research in Coral Reefs. Taichung, Taiwan, October 2, p.9.
392. Wei, T. P., J.-S. Hwang, M.-L. Tsai, Y.-W. Chiu and S.-H. Peng, 2006. The genetic divergence among the populations of gall crab, *Hapilocarcinus marsupialis*, inhabited different host corals. Ecophysiology in Marine Organisms, Keelung, Taiwan, October 3-4, p. 97.
393. Wu, H.-F., W.-H. Twan, S.-L. Chen, J.-S. Hwang, Y.-H. Lee and C. F. Chang, 2006. Regulation of Reproduction in the Scleractinia Coral, *Euphyllia ancora*. Ecophysiology in Marine Organisms, Keelung, Taiwan, October 3-4, p. 109.
394. S.-H. Chen, J.-S. Hwang, L.-T. Sun and C.-F. Chang, 2006. The Production of Bioactive Grouper Recombinant Interleukin-1 β . Ecophysiology in Marine Organisms, Keelung, Taiwan, October 3-4, p. 129.
395. Lin, H.-J., P.-J. Liu, T.-Y. Fan, K.-T. Shao, R.-Q. Jan, S.-L. Wong, J.-S. Hwang, J.-P. Chen, P.-J. Meng and C.-C. Chen, 2006. Possible causes of phase shifts of Kenting coral reefs: evidence from field surveys, trophic modeling and mesocosm experiments. 2006 年台灣生態研究網(TERN)年會，台灣，台北，11月4-5日，p.10。
396. 黃將修、彭紹宏，2006。彰濱工業區之螻蛄蝦分佈、季節性變化及歷年的變化趨勢。第 28 屆海洋工程研討會「濱海工業區海岸工程技術與環境資源管理成果發表論文集」，台灣，高雄 11 月 30~12 月 1 日，p.77-82。
397. 陳淑麗、黃將修、鄭絢如、岳文勛、段文宏、張清風，2006。腎型珊瑚雄性與雌性的生殖腺發育。2006 台灣水產學會學術論文發表會，台灣，基隆，12 月 16-17 日，p.6。
398. 陳郁婷、黃將修，2006。台灣墾丁珊瑚礁海域橈足類 *Temora turbinata*、*Cosmocalanus darwinii* 及 *Farranula gibbulus* 之攝食生態及口器構造的研究。2006 台灣水產學會學術論文發表會，台灣，基隆，12 月 16-17 日，p.102。
399. 郭仲書、鄭新鴻、黃將修，2006。極小型輪蟲(*Brachionus* sp.)在不同浮游動物(*Pseudodiaptomus annandalei*、*Apocyclops royi*、*Diaphanosoma aspinosum*)的影響之下的族群成長研究。2006 台灣水產學會學術論文發表會，台灣，基隆，12 月 16-17 日，p.104。
400. Sarma, S. S. S., S. Nandini and J.-S. Hwang, 2006. Rotifer (rotifera) diversity in Taiwan. National Seminar on Advances in Aquatic Biology and Zooplankton Biodiversity, Dec. 20-22, p.77.

2005 年

401. 陳清潮、尹健強、黃將修，2005。南沙群島珊瑚礁潟湖浮游動物生態類型。2005 年海峽兩岸珊瑚礁生物學與海洋保護區研討會論文摘要集，台灣，台北 2005 年 2 月 21-25 日，P.8。
402. 陳清潮、尹健強、黃將修，2005。南沙群島珊瑚礁潟湖紡錘水蚤——新種。2005 年海峽兩岸珊瑚礁生物學與海洋保護區研討會論文摘要集，台灣，台北 2005 年 2 月 21-25 日，P.8。
403. 蕭世輝、黃將修，2005。蘭陽溪口橈足類組成之時空分布與攝食效應研究。中華民國溪流環境協會、動物行為與生態、中國生物學會，2005 聯合學術年會論文集，台灣，台中，2005 年 3 月 12-13 日，P.O-4。

- 404.吳政翰、黃將修, 2005。墾丁珊瑚礁海域橈足類之長期季節性監測與攝食效應研究。中華民國溪流環境協會、動物行為與生態、中國生物學會, 2005 聯合學術年會論文集, 台灣, 台中, 2005 年 3 月 12-13 日, P.O-30。
- 405.蔡屏玉、黃將修、鄭新鴻, 2005。打氣量對模糊許水蚤 (*Pseudodiaptomus annandalei*) 攝食率之研究。中華民國溪流環境協會、動物行為與生態、中國生物學會, 2005 聯合學術年會論文集, 台灣, 台中, 2005 年 3 月 12-13 日, P.P-5。
- 406.李健暉、黃將修、鄭新鴻, 2005。模糊許水蚤 (*Pseudodiaptomus annandalei*) 交配行為模式。中華民國溪流環境協會、動物行為與生態、中國生物學會, 2005 聯合學術年會論文集, 台灣, 台中, 2005 年 3 月 12-13 日, P.P-21。
- 407.黃元宏、黃將修, 2005。龜山島珊瑚礁區魚類組成與群聚研究。2005 年行政院國家科學委員會海洋學門研討會論文集, 台灣, 溪頭, 3 月 28-30 日, P.242。
- 408.Cailleaud, K., H. Budzinski, S. Souissi, J. Forfet-Leray, L.C. Tzeng and J.-S. Hwang, 2005. Comparison between the swimming behavioural responses of male and female eurytemora affinis consecutive to injection of endocrine disruptor compounds. 9th International Conference on Copepoda, Hammamet, Tunisia, July 11-15, P. 20.
- 409.Kumar, S., R. Kumar, J.-S. Hwang and K. Raghavendra, 2005. Effect of insecticides (temephos and fenthion) on the larvivorous efficiency of *Mesocyclops thermocyclopoides* (Copeoda: cyclopoida): an experimental Evaluation. 9th International Conference on Copepoda, Hammamet, Tunisia, July 11-15, P. 25.
- 410.Kumar, R., T. R. Rao, J.-S. Hwang and S. Souissi, 2005. Piscivory efficiency of cyclopoid copepod *Mesocyclops thermocyclopoides* and *M. aspericornis* in the presence of ciliate, rotifer and cladoceran prey. 9th International Conference on Copepoda, Hammamet, Tunisia, July 11-15, P. 24.
- 411.Wu, C.-H., J.-S. Hwang, E.J. Buskey and J.R. Strickler, 2005. Behavioral responses and their role in the prey- predator interactions between *Temora turbinata* and two ciliate prey. 9th International Conference on Copepoda, Hammamet, Tunisia, July 11-15, P. 35.
- 412.Souissi, S., M.N. Daly Yahia, A. Ben Radhia, O. Daly Yahia-Kéfi and J.-S. Hwang, 2005. Mating behaviour of the dominant calanoid copepod *Centropages kroyeri* from the canal of Bizerte (North of Tunisia). 9th International Conference on Copepoda, Hammamet, Tunisia, July 11-15, P. 31.
- 413.Fang, T.-H., J.-S. Hwang and S.-H. Shiao, 2005. The bioconcentration of trace metals in copepods and their community dynamic off the northern Taiwan coast. 9th International Conference on Copepoda, Hammamet, Tunisia, July 11-15, P. 133.
- 414.Hwang, J.-S., R. Kumar, L.-C. Tseng, S. Souissi and Q.-C. Chen, 2005. Annual, seasonal and spatial variations in the distribution patterns of Oithonid copepods in South China Sea and Pa-Li: A comparative field study. 9th International Conference on Copepoda, Hammamet, Tunisia, July 11-15, P. 106.
- 415.Tseng, L.-C., C.-H. Wu, S.-H. Hsiao, R. Kumar, Q.-C. Chen and J.-S. Hwang, 2005. Monsoon driven seasonal succession of copepod assemblages in the coastal waters of Northeastern Taiwan Strait. 9th International Conference on Copepoda, Hammamet, Tunisia, July 11-15, P. 115.
- 416.Tseng, L.-C., J.-S. Hwang and Q.-C. Chen, 2005. Long term study of copepod assemblages in the Northeastern coast of Taiwan. 9th International Conference on Copepoda, Hammamet, Tunisia, July 11-15, P. 116.
- 417.Dur, G., J.-S. Hwang, S. Souissi, L.C. Tseng, C.-H. Wu, S.-H. Hsiao and Q.C. Chen, 2005. Pattern of Calanoid copepod's diversity around Taiwan, 9th International Conference on Copepoda, Hammamet, Tunisia, July 11-15, P. 101.
- 418.Hwang, J.-S., C.-H. Lee, S.-H. Cheng and R. Kumar, 2005. Is *Pseudodiaptomus annandalei* (copepoda:calanoida) better adapted to the calm water than to the turbulent water in view of its vulnerability to fish predation and mating success? Dynamic Planet 2005, Cairns Australia, August 22-26, P.125.
- 419.Hwang, J.-S. and R. Kumar, 2005. Impact of predation by the cyclopoid copepod (*Mesocyclops thermocyclopoides*) on embryonic development duration, neonate size and population growth rates of four cladoceran species. VIIth International Symposium on Cladocera, September 3 – 9, Herzberg Switzerland, P.18.

- 420.Kumar, A., R. Kumar and J.-S. Hwang, 2005. Effects of predation by mosquito fish and dragon fly naiad on the interaction between *Daphnia carinata* and *Ceriodaphnia rigaudi*: A mesocosm study. VIIth International Symposium on Cladocera, September 3 – 9, Herzberg Switzerland, P.23.
- 421.Kumar, R., T. R. Rao, P. Prasad and J.-S. Hwang, 2005. Can Cladocera reproduce for generations under unfed condition? VIIth International Symposium on Cladocera, September 3 – 9, Herzberg Switzerland, P.23.
- 422.Liu, Y.-T., C.-H. Wu and J.-S. Hwang, 2005. Distribution and swimming behavior of the *Acartia tonsa* exposure to the toxic algae (*Karenia brevis*). 2005 Fisheries Society of Taiwan Annual Meeting, December 10-11, P.EP-1.

2004 年

- 423.Hwang, J.-S. and J. R. Strickler, 2004. Observing Copepod Swarming in the Coral Reefs of Taiwan: a Pilot Study Using Underwater Laser Video Optical System in situ. Symposium on Marine Biology and Biotechnology, Hong Kong, April 20-24, P.28.
- 424.Hsu, C.L., J.-S. Hwang and G.S. Lian, 2004. Copepod Assemblages in the Coastal Waters from Northeastern to Northwestern of Taiwan. Symposium on Marine Biology and Biotechnology, Hong Kong, April 20-24, P.30.
- 425.Hwang, J.-S., K.-L. Lee and C. K. Wong, 2004. Transportation of *Calanus sinicus* (Copepoda: Calanoida) from the East China Sea and the Yellow Sea to the Shelf Waters of Waters of Southern China by the China Coastal Current during the SE Monsoon Period in Winter. Symposium on Marine Biology and Biotechnology, Hong Kong, April 20-24, P.31.
- 426.Liu, C.-H., J.-S. Hwang and C.-T. Shih, 2004. The Composition and Abundance of Copepod Species during Southwestern Monsoon Prevailing Summer, Northern South China Sea. Symposium on Marine Biology and Biotechnology, Hong Kong, April 20-24, P.91.
- 427.Hwang, Y.-H. and J.-S. Hwang, 2004. Fish Community in the Coral Reef off Kueishan Island, Northeastern Taiwan. Symposium on Marine Biology and Biotechnology, Hong Kong, April 20-24, P.92.
- 428.Peng, S.-H., J.-S. Hwang and T.-H. Fang, 2004. Heavy Metals in *Upogebia edulis* and Sediment from the Intertidal Zone, Western Taiwan. Symposium on Marine Biology and Biotechnology, Hong Kong, April 20-24, P.105.
- 429.Hsiao, S.-H., T.-H. Fang and J.-S. Hwang, 2004. Bioaccumulation of Trace Metals in Three Dominant Species of Copepods, *Temora turbinata*, *Euchaeta rimana* and *Oncaea venusta* Off Dai-Shui Estuary, Northern Taiwan, Western Taiwan. Symposium on Marine Biology and Biotechnology, Hong Kong, April 20-24, P.106.
- 430.Wei, T.-P., J.-S. Hwang and M.-L. Tsai, 2004. Molecular Evolution of a Portion of the Mitochondrial 16S Ribosomal and Cytochrome Oxidase I Gene Region in Gall Crabs (Crustaceana: Decapoda: Brachyura), Symposium on Marine Biology and Biotechnology, Hong Kong, April 20-24, P.125.
- 431.Souissi, S., J.-S. Hwang, L.-C. Tseng, L. Seuront, F.G. Schmitt and Q. C. Chen, 2004. Use of the copepod *Calanus sinicus* as a tracer of cold-water intrusions in the northern coast of Taiwan. EGU First Assembly, Nice, France, 25-30 April 2004, and published in *Geophysical Research Abstracts*, Vol. 6, 05051, 2004 (SRef-ID: 1607-7962/gra/EGU04-A-05051).
- 432.Hwang J.-S. and J. R. Strickler, 2004. A pilot study of observing copepod swarming in the coral reefs of Taiwan by underwater laser video optical. EGU First Assembly, Nice, France, 25-30 April 2004, and published in *Geophysical Research Abstracts*, Vol. 6, 04997, 2004 (SRef-ID: 1607-7962/gra/EGU04-A-04997).
- 433.Wang, C.-F., M.-H. Hsu, J. S. Hwang, J.-T. Wu, W.-C. Liu and A.-Y. Kuo, 2004. An ecosystem model of the lower Danshuei River estuary. Workshop on Estuarine and Coastal Research, Taipei, Taiwan, Aug. 8-9.
- 434.Wang, C.-F., M.-H. Hsu, J.-S. Hwang, J.-T. Wu, W.-C. Liu and A. Y. Kuo, 2004. Simulation of ecological system in the Danshuei river estuary. Workshop on Estuarine and Coastal Research, Taipei, Taiwan, Aug. 8-9.

435. Hwang, J.-S., S. Souissi, C. K. Wong, L. Seuront, F. G. Schmitt, L. S. Fang, L. C. Tseng, S. H. Peng, C. H. Wu, S. H. Hsiao, W. H. Twan, T. P. Wei and Q. C. Chen, 2004. Effects of the NE monsoon on the copepod assemblages in the boundary waters between the East China Sea and the Taiwan Strait. *Biology in Asia International Conference*, Singapore, Dec. 7-10. P110.
 436. Hwang J.-S., S. Souissi, C.-W. Hsieh, A.-Y. Kuo, M.-H. Hsu, J.-T. Wu, and W.-C. Liu and Q.-C. Chen, 2004. Variability of spatial and temporal patterns of hydrology and copepod diversity in the Danshuei River estuary. *Biology in Asia International Conference*, Singapore, Dec. 7-10. P.111.
 437. Souissi, S., J.-S. Hwang, L.-C. Tseng, Q. C. Chen and C. K. Wong, 2004. Spatio-Temporal Distribution of the Copepod *Calanus sinicus* in the Northern Coast of Taiwan. *Biology in Asia International Conference*, Singapore, Dec. 7-10. P110.
 438. Wong, C. K., X. J. Liu, Y. Y. Siu and J.-S. Hwang, 2004. Feeding Selectivity of the marine Cladoceran *Penilia Avirostris* Determined by HPLC Analysis of Taxon-Specific Phytoplankton pigments. *Biology in Asia International Conference*, Singapore, Dec. 7-10. P.72.
 439. 蔡屏玉、黃將修、鄭新鴻，2004。打氣量對短角異劍水蚤(*Apocyclops royi*)攝食率之研究。2004 台灣水產學會學術論文發表會摘要集，台灣，台北 2004 年 12 月 25-26 日，p.B-2-3。
 440. 李健暉、鄭新鴻、黃將修，2004。亂流中橈足類模糊許水蚤(*Pseudodiaptomus annandalei*)對點帶石斑仔稚魚(*Epinephelus coioides*)的避敵行為之研究。2004 台灣水產學會學術論文發表會摘要集，台灣，台北 2004 年 12 月 25-26 日，p.B-2-4。
- 2003 年
441. Hwang, J.-S., Y. Y. Tu, K. T. Shao, I. J. Cheng, J. H. Hu, C. A. Huh, T. H. Fang and W. T. Lo, 2003. An ecological survey in coastal waters near nuclear power plant I and II in northern Taiwan. Sino-French Symposium on Sustainable Coastal Development: Marine Environment Protection and Resources Sustainability, Taipei, Taiwan, Nov.3-4, P.39-50.
 442. Hwang, J.-S. and C.-W. Hsieh, 2003. Zooplankton abundance and distribution in the Danshuei estuary and adjacent waters. PACON, Kaohsiung, Taiwan, November 30 - December 3.
 443. Hwang, J.-S. and C. K. Wong, 2003. Seasonal dynamics of *Calanus sinicus* in the southern part of the species range, PACON, Kaohsiung, Taiwan, November 30 - December 3.
 444. Wang, C.-F., M.-H. Hsu, A.-Y. Kuo, J.-S. Hwang, J.-T. Wu and W.-C. Liu, 2003. Toward Simulation of Ecological System in the Danshuei River Estuary. PACON, Kaohsiung, Taiwan, November 30 - December 3.
 445. 謝智偉、黃將修、陳清潮，2003。淡水河口橈足類種類組成、豐度和攝食效應之研究。2003 年台灣省水產學會學術論文發表會摘要集，高雄，台灣，92 年 12 月 20~21 日，B-4-4。
- 1987~2002 年
446. Hwang, J.-S., C.-C. Yeh, Y.-J. Lin and K.-T. Lee, 2002. Proposals for marine protection areas (MPAs) in Taiwan. Proceedings of Fourth Conference on the Protected Areas of East Asia, IUCN/WCPA-EA-4: Benefits Beyond Boundaries in East Asia, Yangmingshan National Park, Taipei, Taiwan, pp. 369-374.
 447. Hsiao S.-H., J.-S. Hwang and C.-T. Shih, 2002. Temporal and Spatial Distribution of Planktonic Copepods in the Kuroshio Current, East of Taiwan. 8th International Conference on Copepoda, Keelung, Taiwan, July 21-26, pp. 66.
 448. Hsiao S.-H., C.-Y. Lee, C.-T. Shih and, J.-S. Hwang, 2002. Species of *Calanus* in the Western North Pacific East of Taiwan. 8th International Conference on Copepoda, Keelung, Taiwan, July 21-26, pp. 67.
 449. Lo W. T., J.-S. Hwang and Q. C. Chen, 2002. Spatial Variations of Planktonic Copepods in the Southeastern Taiwan Strait. 8th International Conference on Copepoda, Keelung, Taiwan, July 21-26, pp. 99.
 450. Tseng L.-C. and J.-S. Hwang, 2002. Copepod Grazing Impact in River Mouths Off the East China Sea, Taiwan Strait and Kuroshio Current. 8th International Conference on

- Copepoda, Keelung, Taiwan, July 21-26, pp. 172.
451. Wu C.-H., J.-S., Hwang and J.-S. Yang, 2002. The Feeding Ecology of Three *Oncaea* Spp. In the Northern South China Sea. 8th International Conference on Copepoda, Keelung, Taiwan, July 21-26, pp. 180.
452. Wu C. H., J. S. Hwang and J. S. Yang, 2002. Diet of Three *Oncaea* Spp. In the Northern South China Sea. 8th International Conference on Copepoda, Keelung, Taiwan, July 21-26, pp. 181.
453. 高欣、黃將修、連光山，2002。墾丁南灣珊瑚礁海域橈足類種組成與攝食效應研究。2002 年台灣省水產學會學術論文發表會摘要集，台北，台灣，91 年 12 月 14~15 日，B-4-2。
454. 簡宏義、黃將修、連光山，2002。基隆碧砂港區及其附近海域橈足類之時空分佈與攝食效應之研究。2002 年台灣省水產學會學術論文發表會摘要集，台北，台灣，91 年 12 月 14~15 日，B-4-3。
455. 謝智偉、黃將修、陳清潮，2002。淡水河浮游動物群聚及攝食效應之研究。2002 年台灣省水產學會學術論文發表會摘要集，台北，台灣，91 年 12 月 14~15 日，G-11。
456. 黃將修，2002。南海橈足類攝食速率與碳傳輸之研究。2002 年海洋科學成果發表會論文摘要集，台東，台灣，91 年 12 月 23~25 日，P.35。
457. 蕭世輝、黃將修、石長泰，2002。台灣東部黑潮主流浮游性橈足類之種類組成及時空變異。2002 年海洋科學成果發表會論文摘要集，台東，台灣，91 年 12 月 23~25 日，P.338。
458. 簡宏義、黃將修、連光山，2002。海洋大學鄰近港口內外海域橈足類之時空分佈與攝食效應之研究。2002 年海洋科學成果發表會論文摘要集，台東，台灣，91 年 12 月 23~25 日，P.341。
459. 高欣、黃將修、連光山，2002。台灣墾丁國家公園附近海域浮游動物群聚結構及橈足類之攝食生態研究。2002 年海洋科學成果發表會論文摘要集，台東，台灣，91 年 12 月 23~25 日，P.345。
460. Kuo Albert Y., M.-H. Hsu, J.-S. Hwang, J.-T. Wu, W.-C. Liu and C. Fang, 2002. Toward the Simulation of Ecological System in the Tanshui River Estuary. 3th Ecological & Environmental Symposium of Tanshui Watershed & Estuary, Taipei, Taiwan, December 27.
461. 黃將修、陳清潮、尹健強、譚燁輝，2002。東沙群島和中沙群島海區春季浮游動物特徵。甲殼動物學分會成立 20 週年暨劉瑞玉院士從事海洋科教工作 55 週年學術研討會論文（摘要）集，中國，青島，2002 年 11 月，P.30。
462. Hwang, J.-S., L.-C. Tseng, Q.-C. Chen, C.-T. Shin, J.-J. Hung and C.K. Wong, 2001. Taxonomic composition and grazing rate in the major group of copepods in the northern South China Sea. Fifth International Crustacean Congress and 'Summer' 2001 meeting of The Crustacean Society, Melbourne Victoria Australia, July 9-13, pp.82~83.
463. Hwang, J.-S., J. R. Strickler and M.-C. Shih, 2001. Observing mesoscale and smaller scale of planktonic crustacean behaviors by using laser video optical system, 2001: An Ocean Odyssey. 2001 Joint Assemblies of the International Association for the Physical Sciences of the Oceans and International Association for Biological Oceanography and XII Coloquio Arentino de Oceanografia, Mar del Plata, Argentina, p. 36.
464. Hwang, J.-S., C. -. Lee and C. K. Wong, 1999. Estimates of Grazing Impact for Copepods in Coastal Waters off South-Western Taiwan. PACON 99, Regional Symposium on Humanity and the World Ocean, The Russian Academy of Sciences, Moscow, Russia, June 23-25, pp. 195.
465. Tseng, L.-C., J.-S. Hwang and Q. C. Chen, 1999. Taxonomic Composition and Grazing Impact of Calanoid Copepods in Southwest Waters of Taiwan. 7th International Conference on Copepoda, Curitiba, Brazil, July 25-31, pp. 235.
466. Hwang, J.-S. and J. R. Strickler, 1999. In Situ Monitoring of Copepod Diurnal Activity Within the Coral Reef Environment in Kentin, Taiwan. 7th International Conference on Copepoda, Curitiba, Brazil, July 25-31, pp. 136.
467. Hwang, J.-S., C.-J. Lee and C. K. Wong, 1999. Impact of Copepod Grazing in the Coastal Waters of Southwestern Taiwan. 7th International Conference on Copepoda, Curitiba, Brazil, July 25-31, pp. 137.

468. Lo, W. T., J.-S. Hwang and Q. C. Chen, 1999. Taxonomic Composition and Distribution of Copepods in the Coastal Waters of Southern Taiwan. 7th International Conference on Copepoda, Curitiba, Brazil, July 25-31, pp. 158.
469. 黃將修, 1999。熱、沉積物及重金屬之污染源對珊瑚體行為與生態之衝擊研究。Dr. Jean Jaubert 「珊瑚保育」專題演講「二十一世紀珊瑚礁保育與對策」參考資料, 行政院國家科學委員會, 國立海洋生物博物館籌備處, 國立台灣海洋大學海洋生物研究所主辦, 台北, 台灣, 5月24日, pp. 40-41。
470. 黃將修, 1999。懸浮沉積物對近岸生態的影響。創造台灣海岸新環境~永續海岸的呼喚研討會, 88年度海岸工程研討會, 台灣省政府交通處港灣技術研究所, 台北, 台灣, 88年5月31~6月1日, 166:16-1~11。
471. 黃將修, 1999。海底雷射儀應用在珊瑚礁生物研究上之回顧與前瞻。第七屆珊瑚礁生物研討會, 台中, 台灣, 9月9~10日。
472. 段文宏、張清風、黃將修, 1999。腎形真葉珊瑚(*Euphyllia ancora*)生殖季節前後體內雌二醇及睪固酮之變化。第七屆珊瑚礁生物研討會, 台中, 台灣, 9月9~10日。
473. 彭紹宏、黃將修、熊同銘, 1999。重金屬與珊瑚體生存與復育關係研究。第七屆珊瑚礁生物研討會, 台中, 台灣, 9月9~10日。
474. 黃克莉、黃將修、熊同銘, 1999。珊瑚體中重金屬蓄積之分佈趨勢研究。第七屆珊瑚礁生物研討會, 台中, 台灣, 9月9~10日。
475. 王選昶、鄭金華、黃將修、宋克義, 1999。紅管星珊瑚(*Tubastrea aurea*)幼生著苗之初步探討, 第七屆珊瑚礁生物研討會, 台中, 台灣, 9月9~10日。
476. 李復雪、黃將修、陳清潮, 1999。台灣東北部和西北部沿海浮游頭足類(Cephalopoda)的研究。中國及鄰近海域海洋科學討論會, 論文摘要匯編, 廣州, 88年8月2~6日, P.131。
477. 黃將修、陳清潮, 1999。台灣東北部龜山島海域海底熱泉的浮游動物。中國及鄰近海域海洋科學討論會, 論文摘要匯編, 廣州, 88年8月2~6日, P.136。
478. 曾立均、黃將修、陳清潮, 1999。台灣北部八里污水處理廠外浮游動物與撓足類組成與季節性變動之研究。中國及鄰近海域海洋科學討論會, 論文摘要匯編, 廣州, 88年8月2~6日, P.138。
479. 黃將修、曾立均、陳清潮, 1999。台灣北部桃園觀音沿岸海域浮游動物與撓足類組成與季節性變動之研究。中國及鄰近海域海洋科學討論會, 論文摘要匯編, 廣州, 88年8月2~6日, P.139。
480. 陳清潮、黃將修、黃創儉, 1999。台灣東部和西部沿海一些浮游甲殼動物氨基酸含量。中國及鄰近海域海洋科學討論會, 論文摘要匯編, 廣州, 88年8月2~6日, P.141。
481. 曾立鈞、黃將修, 1999。夏季台灣西南海域撓足類攝食初探。台灣水產學會學術論文發表會, 論文摘要集壁報論文發表, 高雄, 台灣, 88年12月18~19日, P.189。
482. 段文宏、張清風、黃將修, 1999。雌二醇與睪固酮激素在石珊瑚的研究。台灣水產學會學術論文發表會, 論文摘要集, 高雄, 台灣, 88年12月18~19日, P.189。
483. Shih, C. T. and J.-S. Hwang, 1998. Diurnal Vertical Distribution of the Copepods in an Upwelling Station North of Taiwan. International Symposium on Marine Biology in Taiwan—Crustacean and Zooplankton Taxonomy, Ecology and Living Resources, Keelung, Taiwan, May 26-27, pp. 56.
484. Hwang, J.-S., W. T. Lo, Q. C. Chen and M. P. Chen, 1998. Distribution, Abundance and Community Structure of the Copepods in the Northern South China Sea. International Symposium on Marine Biology in Taiwan – Crustacean and Zooplankton Taxonomy, Ecology and Living Resources, Keelung, Taiwan, May 26-27, pp. 80-88.
485. Lo, W. T., J. P. Ma, J.-S. Hwang and H. Y. Chen, 1998. Temporal and Spatial Variabilities of Euphausiids in the Waters Southwest of Taiwan. International Symposium on Marine Biology in Taiwan—Crustacean and Zooplankton Taxonomy, Ecology and Living Resources, Keelung, Taiwan, May 26-27, pp. 94-106.
486. Twan, W. H., C. F. Chang and J.-S. Hwang, 1998. Identification of the Estradiol-17 β in Scleractinian Coral, *Tubastrea Aurea*. International Symposium on Marine Biology in Taiwan – Crustacean and Zooplankton Taxonomy, Ecology and Living Resources, Keelung, Taiwan, May 26-27, pp. 130.

- 487.李佳蓉、黃將修、黃創儉，1998。臺灣西南沿岸橈足類之哲水蚤攝食效應之研究。臺灣海洋生物國際研討會-甲殼類及浮游動物之分類、生態與資源暨研究成果壁報與臺灣特殊甲殼動物併展，基隆，臺灣，5月26-27日，pp. 131。
- 488.曾立鈞、黃將修，1998。陸源性與海源性懸浮沈積物對軟木軟柳珊瑚 (*Subergorgia suberosa*) 復育之研究。臺灣海洋生物國際研討會-甲殼類及浮游動物之分類、生態與資源暨研究成果壁報與臺灣特殊甲殼動物併展，基隆，臺灣，5月26-27日，pp.132。
- 489.曾立鈞、黃將修，1998。陸源性與海源性懸浮沈積物對軟木軟柳珊瑚 (*Subergorgia suberosa*) 活力影響之研究。臺灣海洋生物國際研討會-甲殼類及浮游動物之分類、生態與資源暨研究成果壁報與臺灣特殊甲殼動物併展，基隆，臺灣，5月26-27日，pp. 133。
- 490.徐志宏、黃將修，1998。軟木軟柳珊瑚對溫度容忍之範圍在哪裡？臺灣海洋生物國際研討會-甲殼類及浮游動物之分類、生態與資源暨研究成果壁報與臺灣特殊甲殼動物併展，基隆，臺灣，5月26-27日，pp. 134。
- 491.Shih, C. T. and J.-S. Hwang, 1998. Diurnal Distribution of Copepods in an Upwelling North of Taiwan. International Symposium on Marine Biology in Taiwan-Crustacean and Zooplankton Taxonomy, Ecology and Living Resources, Taiwan, May 26-27, pp. 56.
- 492.黃將修、曾立鈞、羅文增、陳清潮，1998。南海橈足類攝食速率之研究。海洋科學學門研究成果發表會，新竹，台灣，12月9-12日，pp. 220-230。
- 493.羅文增、何旻杰、黃將修，1998。屏東小琉球附近海域管水母之季節性垂直分布，海洋科學學門研究成果發表會，新竹，台灣，12月9-12日，pp. 282。
- 494.Hwang, J.-S. and J. R. Strickler, 1998. In Situ Observations of the Physical-Biological Interactions Between Coral Polyps and Suspended Particles. IX Pacific Science Inter-Congress--Sustainable Development in the Pacific, Pacific Science Association, Academia Sinica, Taipei, Taiwan, November 15-19, pp. 240~241.
- 495.Twan, W.-H., C.-F. Chang and J.-S. Hwang. 1998, Estradiol-17 β and Testosterone in Scleractinian Corals. Pacific Science Inter-Congress---Sustainable Development in the Pacific, Pacific Science Association, Academia Sinica, Taipei, Taiwan, November 15-19, pp. 242.
- 496.Tseng, L.-C. and J.-S. Hwang, 1998. Effects of Terrestrial and Marine Sediments on the Activity of Gorgonian, *Subergorgia Suberosa*. Pacific Science Inter-Congress---Sustainable Development in the Pacific, Pacific Science Association. Academia Sinica, Taipei, Taiwan, November 15-19, pp. 384.
- 497.黃將修，1997。海底雷射應用在懸浮物與珊瑚體之互動關係研究。第五屆珊瑚礁生物研討會，台北，台灣，4月19-20日，pp. 63-79。
- 498.段文宏、黃將修，1997。兩種不同類型的共生海葵蝦其共生行為之研究。第五屆珊瑚礁生物研討會，台北，台灣，4月19-20日，pp. 115-123。
- 499.徐志宏、黃將修，1997。溫度對軟木軟柳珊瑚生態與行為之影響。第五屆珊瑚礁生物研討會，台北，台灣，4月19-20日，pp. 125-134。
- 500.彭紹宏、黃將修、熊同銘，1997。重金屬對珊瑚的影響。第五屆珊瑚礁生物研討會，台北，台灣，4月19-20日，pp. 95-102。
- 501.曾立鈞、黃將修，1997。陸源性與海源性沈積物對軟木軟柳珊瑚(*Subergorgia subrosa*) 的影響研究。第五屆珊瑚礁生物研討會，台北，台灣，4月19-20日 pp. 103-114。
- 502.黃將修，1997。海域浮游生物之監測。台電公司海域環境監測研討會，台北，台灣，5月16日，pp. 4.1-4.13。
- 503.黃將修、陳清潮、羅文增、陳民本，1997。台灣西南海域表層橈足類之含量、分佈與種組成。86年國科會海洋成果發表會論文摘要集，日月潭，台灣，11月30日~12月3日，pp. B1-1~B1-8。
- 504.馬振評、羅文增、黃將修，1997。台灣西南海域磷蝦類日夜垂直遷移之研究。86年國科會海洋成果發表會論文摘要集，日月潭，台灣，11月30日~12月3日，pp. 6-1。
- 505.何旻杰、羅文增、黃將修，1997。台灣西南海域管水母日夜垂直遷移之研究。86年國科會海洋成果發表會論文摘要集，日月潭，台灣，11月30日~12月3日，pp. 7-1。
- 506.黃將修、吳政翰、楊瑞森、黃穰，1997。台灣西南海域三種橈足類 *Oncaea spp.* 的胃

- 內容物研究。86年國科會海洋成果發表會論文摘要集，日月潭，台灣，11月30日~12月3日，pp. 16-1~16-5。
- 507.吳政翰、黃將修、楊瑞森，1997。Diet of three *Oncaea* spp. in Northern South China Sea. 第十八屆電子顯微鏡學術研討會彙刊，基隆，台灣，12月20日，pp. 20-21。
- 508.黃將修、吳政翰、楊瑞森，1997。Copepod Feeding Ecology: Gut contents of Three *Oncaea* spp. in Northern South China Sea. 第十八屆電子顯微鏡學術研討會彙刊，基隆，台灣，12月20日，pp. 22-23。
- 509.羅文增、黃將修、陳清潮，1997。高屏沿近海域浮游橈腳類之種類組成及分佈。86年台灣省水產學會論文發表會摘要集，屏東，台灣，12月13-14日，pp. 34。
- 510.李佳蓉、黃將修、黃創儉，1997。台灣西南海域橈腳類攝食效率之研究。86年台灣省水產學會論文發表會摘要集，屏東，台灣，12月13-14日，pp. 34。
- 511.Strickler, J. R., G. A. Paffenhofer, J.-S. Hwang, V. Klump, R. Cuhel, E. Bergeron, W. Lange, D. Lovalvo, R. Back, R. Paddock, P. Anderson, D. Szmania, R. MacKenzie, and J. Waples, 1996. Microscale Vertical Profiles of the Water Column in Lakes and Ponds Using the Critter Cam Optical System: Centimeter Intervals, Encounter Rates, Estimation of Population Density. American Society of Limnology and Oceanography Meeting, Milwaukee, WI, U.S.A., June 16-20.
- 512.Hwang, J.-S., J. R. Strickler and E. Bergeron, 1996. In Situ Visual Observations of Small-Scale Physical and Biological Events: The CritterCam Video System. 1996 Ocean Sciences Meeting, San Diego, CA, U.S.A., February 12-16.
- 513.Hwang, J.-S., C.-H. Su and C.-T. Shih, 1996. Diurnal and Seasonal Distribution of Three *Oncaea* and Two *Rhincalanus* Species in Northern South China Sea. 1996 American Society of Limnology and Oceanography Meeting, Milwaukee, WI, U.S.A., June 16-20.
- 514.Hwang, J.-S., C.-H. Su and C.-T. Shih, 1996. Diurnal Zooplankton Distribution in Northern South China Sea. 1996 Ocean Sciences Meeting, San Diego, CA, U.S.A., February 12-16.
- 515.段文宏、黃將修，1996。為何海葵蝦會剪食其宿主海葵的觸手？第四屆珊瑚礁生物研討會，墾丁，台灣，3月8-9日，國科會計畫，pp. 1-16。
- 516.吳政翰、黃將修、黃穰，1996。南海北部橈腳類 *Oncaea venusta* 及 *Oncaea Mediterranea* 食性初探。pp. 202。
- 517.黃將修、蘇呈旭、石長泰、陳泰賓，1996。南海北部五種橈腳類日夜及季節垂直分佈特性。pp. 197-200。
- 518.黃將修、羅文增，1996。南海北部浮游動物日夜垂直分佈之特性。pp. 201。
- 519.劉弼仁、謝蕙蓮、黃將修，1996。澎湖青灣珊瑚礁區纓女蟲蟲穴之構造。第四屆珊瑚礁生物研討會，墾丁，台灣，3月8-9日，共10頁。
- 520.劉弼仁、謝蕙蓮、黃將修，1995。多毛類纓女蟲 (*Polydora* sp.) 掘穴機制之研究。第三屆珊瑚礁生物研討會。基隆，台灣，3月4-5日。
- 521.蘇呈旭、黃將修、石長泰，1995。南海北部三種橈腳類 *Oncaea* Spp. 日夜垂直分佈之研究。台灣省水產學會論文發表會，基隆，台灣，12月15-16日，國科會計畫，計畫編號：NSC-85-2611-M-019 -008 -OS。
- 522.黃將修、蘇呈旭、石長泰、曹嘉業，1995。南海浮游動物之類別，含量，時空分佈及日夜週期之特性(I)。海洋科學整合型計畫成果發表會，桃園，台灣，12月6-9日，論文集第 S105-S112 頁，國科會計畫，計畫編號：NSC-84-2611-M-019 -006 -OS。
- 523.蘇呈旭、黃將修，1995。浮游動物與珊瑚礁生物關係之探討。第三屆珊瑚礁生物研討會。基隆，台灣，3月4-5日，教育部計畫。
- 524.郭昭志、黃將修，1995。海葵蝦 *Periclimenes brevicarpalis* 對宿主海葵 *Entacmaea quadricolor* 養分需求與生存依賴度之研究。第三屆珊瑚礁生物研討會。基隆，台灣，3月4-5日，國科會計畫，計畫編號：NSC-84-2321-B-019 -002 -BH。
- 525.Strickler, J.R. and J.-S. Hwang, 1995. CritterCam, an underwater microscope for "in situ" observations in marine environments. 第三屆珊瑚礁生物研討會，基隆，台灣，3月4-5日，教育部計畫。
- 526.黃將修、郭昭志、D.G. Fautin, 1995。與海葵蝦共生之海葵觸手會消失嗎？第三屆珊瑚礁生物研討會，基隆，台灣，3月4-5日，國科會計畫，計畫編號：NSC-84-2321-B-019 -002 -BH。

- 527.黃將修, 1995。利用海底雷射攝錄系統研究橈腳類在珊瑚礁之日夜變動。台灣省水產學會論文發表會, 基隆, 台灣, 12月15-16日, 教育部計畫。
- 528.劉弼仁、謝蕙蓮、黃將修, 1994。多毛類與珊瑚相關之專一性及鑽孔機制之研究。第二屆珊瑚礁生物研討會。台北, 台灣, 2月19-20日。
- 529.黃將修、陳順興、邵廣昭, 1994。白化海葵的胺機酸組成研究。第二屆珊瑚礁生物研討會, 台北, 台灣, 2月19-20日。國科會計畫, 計畫編號: NSC-82-0409-B-019-18。
- 530.郭昭志、黃將修, 1993。海葵蝦如何找到宿主海葵? 台灣省水產學會論文發表會摘要, 高雄, 台灣, 12月11-12日, 國科會計畫, 計畫編號: NSC-83-0418-B-019-008-BH。
- 531.黃將修, 1993。橈腳類攝食行為歧異度研究。台灣省水產學會論文發表會摘要, 高雄, 台灣, 12月11-12日。
- 532.邱宗仁、黃將修, 1993。扁蟲在軟木軟柳珊瑚 (*Subergorgia suberosa*) 群落中之角色初探。中國生物學會第26屆會員大會, 台北, 台灣, 2月5-6日, 國科會計畫, 計畫編號: NSC-82-0409-B-019-18。
- 533.黃將修, 1993。顯微攝錄下的海洋無脊椎動物世界。第七屆海洋無脊椎動物研習會。高雄, 台灣, 5月13-15日。國科會計畫, 計畫編號: NSC-82-0409-B-019-18。
- 534.郭昭志、黃將修、Fautin, D.G., 1994。海葵蝦與海葵共生機制之研究。第二屆珊瑚礁生物研討會。台北, 台灣, 2月19-20日, 國科會計畫, 計畫編號: NSC-83-0418-B-019-0082-BH。
- 535.呂台生、黃將修、陸國光、楊任微、駱承利, 1992。專家系統應用於場址評選探討。澎湖地區海洋資源研討會論文集, 澎湖, 台灣, 3月19-20日, p11-1--p11-9。
- 536.陳順興、黃將修、邵廣昭, 1992。化學刺激物誘導狄氏襟疣海葵 (*Anthopleura dixoniana*) 攝食行為之探討。第一屆珊瑚礁生物研討會, 墾丁, 台灣, 11月28-29日, 國科會計畫, 計畫編號: NSC-82-0409-B-019-18。
- 537.邱宗仁、黃將修, 1992。軟木軟柳珊瑚 (*Subergorgia suberosa*) 在海流中的攝食機制之研究。第一屆珊瑚礁生物研討會。墾丁, 台灣, 11月28-29日, 國科會計畫, 計畫編號: NSC-81-0409-B-019-16。
- 538.陳順興、黃將修、邵廣昭, 1992。狄氏襟疣海葵 (*Anthopleura dixoniana*) 對化學刺激物的攝食反應之研究。台灣省水產學會論文發表會摘要, 基隆, 台灣, 12月11-12日, 國科會計畫, 計畫編號: NSC-82-0409-B-019-18。
- 539.邱宗仁、黃將修, 1992。軟木軟柳珊瑚在海流中的攝食行為及對不同胺機酸的攝食反應之研究。台灣省水產學會論文發表會摘要, 基隆, 台灣, 12月11-12日, 國科會計畫, 計畫編號: NSC-81-0409-B-019-16。
- 540.黃將修, 1991。橈腳類中 *Centropages hamatus* 在週期性的亂流中之行為研究。台灣省水產學會論文發表會摘要, 基隆, 台灣, 12月11-12日。
- 541.Hwang, J.-S., Costello, J.H. and J.R. Strickler, 1991. Mechanoreception and escape responses by a calanoid copepod, *Centropages hamatus*. Zooplankton Ecology Symposium, Appleton, WI, USA, August 24-29.
- 542.Hwang, J.-S., J.H. Costello and J.R. Strickler, 1990. Tethered versus free-swimming copepods: what is the difference? Annual Meeting of American Society of Limnology and Oceanography, Gloucester point, VA, USA, June 10-15.
- 543.Costello, J.H., J.-S. Hwang and J.R. Strickler, 1990. Effect of periodic exposure to turbulence upon the behavior of the calanoid copepod, *Centropages Hamatus*. Annual Meeting of American society of Limnology and Oceanography, Gloucester point, VA, USA, June 10-15.
- 544.陳鎮東、方力行、張崑雄、周一成、黃將修, 1987。近年來珊瑚體內重金屬及放射性元素之逐年變化。行政院國家科學委員會, 海洋科學學術研討會論文集, (10): 141-147。

C. 專書及專書論文

1. 連光山、王彥國、孫柔鑫、黃將修(eds.), 2018, 中國海洋浮游橈足類多樣性, 海洋出版社。ISBN 978-7-5210-0029-0 (2018年5月)
2. 黃將修、譚漢詩(eds.), 2016, 海洋生物多樣性監測, 海洋及水下科技, 26(2): 1-52。
3. Hwang, J.-S. and K. Martens (eds.), 2014. Proceeding of International Conference on Challenges in Aquatic Sciences. Hydrobiologia 741: 1-203.

4. Murugan K., P. Madhiyazhagan A. Noortheen, T. Nataraj, D. Amerasan, K. Kalimuthu and J.-S. Hwang, 2013. Novel Biopesticides for the Sustainable Management of Mosquito Vectors (Insecta: Diptera: Culicidae). In: Perspectives in Animal Ecology and Reproduction- Vol. 9., pp. 96-137., Edited by V.Gupta., M/S Daya Publishing House, New Delhi, INDIA. 210.
5. Murugan K., A. Noortheen, T. Nataraj, D. Amerasan, P. Madhiyazhagan, K. Kalimuthu and J.-S. Hwang, 2013. Use of Biological Insecticides for the Control of Dengue Vector, *Aedes aegypti* (L.) (Insecta: Diptera: Culicidae). In: Perspectives in Animal Ecology and Reproduction- Vol. 9. pp., 138-158, Edited by V.Gupta. M/S Daya Publishing House, New Delhi, INDIA.
6. Madhiyazhagan P., K. Murugan, A. Nareshkumar, T. Nataraj, D. Amerasan, K. Kalimuthu and J.-S. Hwang, 2013. Larvicidal Effect of Spinosad and Azadirachtin against Dengue Vector, *Aedes aegypti* (Insecta: Diptera: Culicidae) and *Chironomus kiiensis* (Chironomidae). In: Perspectives in Animal Ecology and Reproduction- Vol. 9., pp., 159-188., Edited by V.Gupta., pp. M/S Daya Publishing House, New Delhi, INDIA.
7. Suarez-Morales, E., Reid, J.W., Boxshall, G., Hwang, J.-S. and R. Huys (eds.), 2013. Proceeding of 11th International Conference on Copepoda. Journal of Natural History, 47(5-12):263-910.
8. 黃將修、羅文增(eds.)，2013，浮游動物，海洋及水下科技，23(3): 1-67。
9. 黃將修、李明安、陳鳴泉(eds.)，2012，臺灣海洋生物資源，海洋及水下科技，22(3): 1-49。
10. Sanoamuang, L. and J.-S. Hwang (eds.), 2011. Copepoda: Biology and Ecology, Proceedings of 10th International Conference on Copepoda. Hydrobiologia, 666(1):1-178.
11. Hwang, J.-S. and K. Martens (eds.), 2011. Zooplankton Behavior and Ecology, Proceedings of the conference on “Zooplankton behavior, ecology and aquaculture”. Hydrobiologia, 666(1):179-338.
12. 黃將修，2010。台北縣海岸生態基本資料調查及建置成果報告。經濟部水利署第十河川局發行，ISBN:978-986-02-4669-8，GPN:1009903179，1-361。
13. 陳琪芳、黃將修、林啟燦(eds.)，2010，海洋污染、海洋資源，海洋及水下科技，20(3): 1-62。
14. 黃將修、葉建成、陳怡真，2008。卯澳灣的海洋世界 2。台北縣貢寮卯澳社區發展協會，1-146。
15. Souissi, S., Daly Yahia, M. N. and J.-S. Hwang (eds.), 2007. Proceeding of 9th International Conference on Copepoda. Journal of Plankton Research, 29: i1-i162. (SCI).
16. 黃將修、楊穎堅(eds.)，2007。海洋環境監測。海洋及水下科技，17(2): 1-40。
17. 黃將修、蘇焉、劉復光(eds.)，2006。潛水實務與應用。海洋及水下科技，15(4): 1-40。
18. 黃將修、李明安、林武文(eds.)，2006。光電科技在海洋及水下科技之應用。海洋及水下科技，16(2): 1-48。
19. 黃將修、葉建成，2006。卯澳灣的海洋世界。台北縣貢寮卯澳社區發展協會，1-101。
20. Hwang, J.-S., J.-S. Ho, C.-t. Shih (eds.), 2004. Contemporary Studies of Copepoda, Proceedings of the 8th International Conference on Copepoda. Zoological Studies, 43(2), 165-512.
21. Hwang, J.-S. and M.-A. Lee (eds.), 2004. 光機電科技在海洋開發上的應用， Journal of Sea Technology (Taiwan), 13(4): 1-44.
22. Hwang, J.-S., C.-T. Chen, K.-K. Lee and C.-L. Pan (eds.), 2004. Ecological Survey on Nuclear Power Plants in Taiwan. Journal of Marine Science and Technology-Taiwan, 12(5): 355-464. (SCI).
23. 黃將修、李昭興，2003。龜山島環島海洋生物與海底熱泉觀光資源調查規劃報告。交通部觀光局東北角海岸國家風景區管理處發行，pp.146。
24. 黃將修、李昭興，2003。悠游龜山島 神秘的海底世界。交通部觀光局東北角海岸國家風景區管理處發行，pp.103。
25. Hwang, J.-S., 2002. The Conference program of 8th International Conference On Copepoda. National Taiwan Ocean University, Keelung, Taiwan, July 21-26, PP. 40.
26. Hwang, J.-S., 2002. The Abstract Book of 8th International Conference On Copepoda.

National Taiwan Ocean University, Keelung, Taiwan, July 21-26, PP. 247.

27. Hwang, J.-S., C.-H. Wang and T.-Y. Chan (eds.), 2000. Proceedings of the international symposium on marine biology in Taiwan-Crustacean and zooplankton taxonomy, ecology and living resources, 26-27 May, 1998, Taiwan. National Taiwan Museum Special Publication Series Number 10, Taipei, Taiwan. PP 199.
28. 黃將修, 2000。海洋城市鄉土教材—基隆海域的生物世界, 海洋中的流浪漢—浮游動物。基隆市政府印行, pp. 77-81。
29. 黃將修, 2000。海洋城市鄉土教材—基隆海域的生物世界, 海底花園—珊瑚礁的世界。基隆市政府印行, pp. 128-132。
30. 黃將修, 1998。海洋生物漫談—浮游動物。台灣書店印行, pp. 116-134。
31. 陳清潮、陳民本、黃將修, 1998。台灣周圍水域和南海北部浮游動物—種類與分布(一)。國科會國家海洋科學研究中心/台灣大學海洋研究所共同發行, 共 179 頁。
32. 黃將修, 1997。海洋生物漫談—浮游動物。國立編譯館編印。
33. 黃將修、邱宗仁、陳順興, 1992。澎湖東部海域海洋生物資源調查—柒, 珊瑚資源。交通部觀光局澎湖風景特定區管理籌備處報告書 97-119 頁。
34. 黃將修、顏碧貞、許金燕、吳俊錡、陳順興, 1992。苗栗縣公共水域漁業權規畫研究-浮游動物及水質調查。台灣省政府農林廳漁業權漁業規畫執行報告。
35. Hwang, J.-S., 1991. Behavioral responses and their role in prey/predator interactions of a calanoid copepod, *Centropages hamatus* under variable hydrodynamic conditions. Ph.D dissertation, Boston University, Boston, MA, USA. pp165.
36. 張崑雄、陳鎮東、方力行、黃將修、周一成, 1986。墾丁國家公園海域珊瑚礁及海洋生物生態研究--珊瑚體百年來放射性元素及重金屬濃度之變化。內政部營建署墾丁國家公園管理處保育研究報告。第 34 號之 7 共 35 頁。
37. 張崑雄、陳孟仙、羅文增、趙世民、黃將修、林介屏、陳昭倫, 1986。墾丁國家公園海域珊瑚礁及海洋生物生態研究--海域之動物性浮游生物調查研究(續)。內政部營建署墾丁國家公園管理處保育研究報告, 第 34 號之 5 共 77 頁。
38. 黃將修, 1985。澎湖海洋牧場有機能量運轉機制之研究。國立中山大學海洋生物研究所碩士論文。共 65 頁。

D.技術報告及其它

1. 黃將修、胡健驊、方天熹、羅文增、程一駿、邵廣昭, 2018。北部各核能電廠附近海域之生態調查 106 年年報, 國立台灣海洋大學, pp.579。
2. 黃將修、胡健驊、方天熹、羅文增、程一駿、邵廣昭, 2017。北部各核能電廠附近海域之生態調查 105 年年報, 國立台灣海洋大學, pp.770。
3. 黃將修、胡健驊、方天熹、羅文增、程一駿、邵廣昭, 2016。北部各核能電廠附近海域之生態調查 104 年年報, 國立台灣海洋大學, pp.508。
4. 黃將修、胡健驊、方天熹、羅文增、程一駿、邵廣昭, 2015。北部各核能電廠附近海域之生態調查 102 年年報, 國立台灣海洋大學, pp.496。
5. 黃將修、胡健驊、方天熹、羅文增、程一駿、邵廣昭, 2014。北部各核能電廠附近海域之生態調查 102 年年報, 國立台灣海洋大學, pp.498。
6. 黃將修、胡健驊、方天熹、羅文增、程一駿、邵廣昭、扈治安, 2013。北部各核能電廠附近海域之生態調查 101 年年報, 國立台灣海洋大學, pp.538。
7. 黃將修、胡健驊、方天熹、羅文增、程一駿、邵廣昭、扈治安, 2012。北部各核能電廠附近海域之生態調查 100 年年報, 國立台灣海洋大學, pp.525。
8. 黃將修、胡健驊、方天熹、羅文增、程一駿、邵廣昭、扈治安, 2011。北部各核能電廠附近海域之生態調查 99 年年報, 國立台灣海洋大學, pp.530。
9. 黃將修、胡健驊、方天熹、羅文增、程一駿、邵廣昭、扈治安, 2010。北部各核能電廠附近海域之生態調查 98 年年報, 國立台灣海洋大學, pp.520。
10. 黃將修、胡健驊、方天熹、羅文增、程一駿、邵廣昭、扈治安, 2009。北部各核能電廠附近海域之生態調查 97 年年報, 國立台灣海洋大學, pp.540。
11. 黃將修、胡健驊、方天熹、羅文增、程一駿、邵廣昭、扈治安, 2008。北部各核能電廠附近海域之生態調查 96 年年報, 國立台灣海洋大學, pp.485。

12. 黃將修、胡健驊、方天熹、羅文增、程一駿、邵廣昭、扈治安，2007。北部各核能電廠附近海域之生態調查 95 年年報，國立台灣海洋大學，pp.565。
13. 黃將修、胡健驊、方天熹、羅文增、程一駿、邵廣昭、扈治安，2006。北部各核能電廠附近海域之生態調查 94 年年報，國立台灣海洋大學，pp.501。
14. 黃將修，2006。認識海洋之美，國立新竹社會教育館 95 年度志工特殊教育訓練，p59-71。
15. 黃將修、胡健驊、方天熹、羅文增、程一駿、邵廣昭、扈治安，2005。北部各核能電廠附近海域之生態調查 93 年年報，國立台灣海洋大學，pp.513。
16. 黃將修、胡健驊、方天熹、羅文增、程一駿、邵廣昭、扈治安，2004。北部各核能電廠附近海域之生態調查 92 年年報，國立台灣海洋大學，pp.443。
17. 黃將修，2004。橈足類在墾丁珊瑚礁生態系之長期季節性監測與攝食效應研究(3/3)，國科會期末成果報告。
18. 黃將修，2003。橈足類在墾丁珊瑚礁生態系之長期季節性監測與攝食效應研究(2/3) NSC 92-2621-B-019-001，國科會期末成果報告。
19. 黃將修，2003。(91) 南海北部不同體型橈足類攝食速率與碳傳輸機制之研究(I) NSC 91-2611-M-019-009，國科會期末成果報告。
20. 黃將修、胡健驊、方天熹、羅文增、程一駿、邵廣昭、扈治安，2003。北部各核能電廠附近海域之生態調查 91 年年報，國立台灣海洋大學，pp.443。
21. 黃將修，2003。(91) 龜山島環島海洋生物與海底熱泉觀光資源調查計劃—Ⅱ，期末成果報告。
22. 黃將修，2002。南海橈足類攝食速率與碳傳輸之研究(III) NSC 90-2611-M-019-015-OP1，國科會期末成果報告。
23. 黃將修，2002。橈足類在墾丁珊瑚礁生態系之長期季節性監測與攝食效應研究(1/3) NSC 90-2621-B-019-001-A10，國科會期末成果報告。
24. 黃將修，2002。彰化濱海工業區開發工程螻蛄蝦棲息地可行性規劃—Ⅱ，期末成果報告。
25. 黃將修，2002。彰化濱海工業區開發工程(91) 年度施工期間環境監測調查螻蛄蝦監測調查，期末成果報告。
26. 黃將修、胡健驊、方天熹、羅文增、程一駿、邵廣昭、扈治安，2002。北部各核能電廠附近海域之生態調查 90 年年報，國立台灣海洋大學。
27. 黃將修，2001。南海橈足類攝食速率與碳傳輸之研究(II) NSC 89-2611-M-019-034-OP1，國科會期末成果報告。
28. 黃將修、胡健驊、方天熹、羅文增、程一駿、邵廣昭、扈治安，(2001)，北部各核能電廠附近海域之生態調查 89 年年報，國立台灣海洋大學。
29. 黃將修、邵廣昭、程一駿、羅文增，2000。北部核能電廠及核能四廠附近海域之生態調查(生物因子) 89 年報告，國立台灣海洋大學，pp.297。
30. 黃將修，2000。南海橈足類攝食速率與碳傳輸之研究 NSC 89-2611-M-019-002-OP1，國科會期末成果報告。
31. 黃將修，2000。懸浮沉積物與重金屬對珊瑚之生存與復育之研究(I) NSC 89-2621-Z-019-006-，國科會期末成果報告。
32. 黃將修，2000。南海浮游橈足類的季節與垂直分佈;時間序列的初探 NSC 89-2611-M-019-019-，國科會期末成果報告。
33. 黃將修、邵廣昭、程一駿、羅文增，1999。北部核能電廠及核能四廠附近海域之生態調查(生物因子) 88 年年報，國立台灣海洋大學，pp.260。
34. 黃將修，1998。南海季風實驗(II)(子計畫十七)南海橈腳類攝食速率之研究(2.3)，國科會期末成果報告。
35. 黃將修，1998。珊瑚礁保育一熱,沈積物及重金屬之污染源對珊瑚體行為與生態之衝擊研究—顯微光學技術之應用(1.3)，國科會期末成果報告。
36. 黃將修、段文宏、曾立鈞，1998。臺灣珊瑚礁何去何從，綠生活雜誌，pp. 56-62。
37. 黃將修，1998。台灣海洋生物研究與發展，世界科技研究與發展，中國大陸，4:85-86。
38. 黃將修、邵廣昭、程一駿、羅文增，1998。北部核能電廠及核能四廠附近海域之生態調查(生物因子) 87 年年報，國立台灣海洋大學。

39. 黃將修、陳清潮、羅文增、陳民本，1997。台灣西南海域表層橈足類之含量、分佈與種組成，簡訊，國科會、南海海洋科學研究整合性計劃，1994-1999，國科會計劃，6:45-53。
40. 黃將修，1996。南海浮游動物之類別、含量、時空分佈及日夜週期之特性(II)NSC-85-2611-M-019-008-OS
41. 黃將修，1996。海葵與海葵蝦共生機制之研究(III) 國科會期末成果報告:NSC-85-2321-B-019-002-BH
42. 黃將修，1996。南海浮游動物之類別、含量、時空分佈及日夜週期之特性(III)，簡訊，國科會南海海洋科學研究整合性計劃，1994-1999，國科會計劃，4:8。
43. 黃將修、蘇呈旭、石長泰、陳泰賓，1996，南海北部五種橈腳類日夜及季節性垂直分佈之特性，簡訊，國科會、南海海洋科學研究整合性計劃，1994-1999，國科會計劃，5:84-94。
44. 黃將修，1995。海葵與海葵蝦共生機制之研究(II) 國科會期末成果報告:NSC-84-2321-B-019-002-BH
45. 黃將修，1995。南海浮游動物之類別含量、時空分佈及日夜週期之特性(II) 國科會 南海海洋科學研究整合性計劃，1994-1999，簡訊 第二期，P43-52，國科會計劃:NSC 84-2611M-019A-006 OS P43-P52
46. 黃將修，1995。南海浮游動物之類別含量、時空分佈及日夜週期之特性(I) 國科會 南海海洋科學研究整合性計劃，1994-1999，簡訊 第三期，P14，國科會計劃:NSC-85-2732-M-019 -002 -OS
47. 黃將修，1995。南海浮游動物之類別、含量、時空分佈及日夜週期之特性(I)NSC-84-2611-M-019-006-OS
48. 黃將修，1994。南海浮游動物之類別含量、時空分佈及日夜週期之特性(I)國科會 南海海洋科學研究整合性計劃，1994-1999，簡訊 第一期，P10，國科會計劃:NSC-84-2611-M-019A -006 -OS
49. 黃將修，1994。海葵與海葵蝦共生機制之研究(I) 國科會期末成果報告:NSC-83-0418-B-019-008-BH