

## Publications

Name: Tin-Yam CHAN

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### Scientific Journals:

1. Sammy de Grave and T.Y. Chan 2022. *Phyllamphion* Reinhardt, 1849, A senior name for the lobster genus *Palinurellus* von Marten, 1878 (Decapoda, Palinuridae) and its nomenclatorial ramifications. *Crustaceana* 95(8-9) 1063-1068. [SCI]
2. Hsu Y.C., C.C. Chen and T.Y. Chan\*. 2022. On the penaeid shrimps of the genus *Metapenaeus* Wood-Mason in Wood-Mason & Alcock, 1891 (Crustacea, Decapoda, Penaeidae) of Taiwan. *Zootaxa* 5169(4): 331-346. [SCI]
3. Homberger, L., J. Wu, D. Brandis, T.Y. Chan, H. Keirsebelik, M. Normant-Saremba, J. Schoelynck, K.H. Chu, C. Ewers-Saucedo\*. 2022. Genetic and morphological evidence indicates the persistence of Japanese mitten crab mitochondrial DNA in Europe for over 20 years and its introgression into Chinese mitten crabs. *Neobiota*, 73: 137-152. [SCI]
4. Komai, T., S.C. Chang and T.Y. Chan\*. 2022. A new species of the deep-sea shrimp genus *Glyphocrangon* A. Milne-Edwards, 1880 (Decapoda: Caridea: Glyphocrangonidae) from the South China Sea off Pratas Island. *Zootaxa* 5141(2): 140-150. [SCI]
5. Wang, T.W., D.C.P. Lau, T.Y. Chan and B. K. K. Chan\*. 2022. Autochthony and isotopic niches of benthic fauna at shallow-water hydrothermal vents. *Scientific Rep.* 12(6248): 1-14. <https://doi.org/10.1038/s41598-022-09839-w> [SCI]
6. Yang, C.H., T.W. Wang, P.K.L. Ng, T.Y. Chan, Y.Y. Lin, B.K.K. Chan\*. 2022. Population Genetic differentiation on the hydrothermal vent crabs *Xenograpsus testudinatus* along depth and geographical gradients in the Western Pacific. *Diversity* 14(162): 1-14. <https://doi.org/10.3390/d14030162> [SCI]
7. Ng, W.L., C.A. Chen\*, S. Mustafa, C.P. Leaw, S.T. Teng, S.N.F.B. Zakaria, A.D. Tuzan, T.Y. Chan. 2022. A new record of the spiny lobster, *Panulirus femoristriga* (von Martens, 1872) from the coastal waters of Malaysia, with revision of global distribution. *Biodiversity Data J.* 10 (e77973): 1-18. <https://doi.org/10.3897/BDJ.10.e77973> [SCI]
8. Golightly, C., D.M. DeLeo, N. Perez, T.Y. Chan, J.M. Landeira and H.D. Bracken-Grissom. 2022. Tracing the evolution of bioluminescent light organs across the deep-sea shrimp family Sergestidae using a genomic skimming and phylogenetic approach. *Invert. Syst.* 36(1): 22-35. [SCI]
9. Hanafi-Portier, M., S. Samadi, L. Corbari, T.Y. Chan, W.J. Chen, J.N. Chen, M.Y. Lee, C. Mah, T. Saucède, C. Borremans and K. Olu. 2021. When imagery and physical sampling work together: Toward and integrative methodology of deep-sea image-based megafauna identification. *Front. Mar. Sci.* 8(749078): 1-25. <https://doi.org/10.3389/fmars.2021.749078> [SCI]
10. Chow, L.M., S. De Grave, A. Anker, K.Y. Poon, K.K.Y. Ma, K.H. Chu, T.Y. Chan and L.M. Tsang\*. 2021. Distinct suites of pre- and post-adaptations indicate independent evolutionary pathways of snapping claws in the shrimp family Alpheidae (Decapoda: Caridea) *Evolution* 75(11): 2898-2910. [SCI]
11. Wang Y., K.Y. Ma, L.M. Tsang, K. Wakabayashi, T.Y. Chan, S. De Grave and K.H. Chu\*. 2021. Confirming the systematic position of two enigmatic shrimps, *Amphionides* and *Procarididae* (Crustacea: Decapoda). *Zool. Scripta* 50: 812-823. [SCI]
12. Richer de Forges, B., S.T. Ahyong, P. Castro, T.Y. Chan, P.F. Clark, R. Lemaitre, E. Macpherson, P.K.L. Ng, G.C.B. Poore, J. Poupin and M. Tavares. 2021. Alain Crosnier's role in modern carcinology: exploration, international collaboration, and taxonomy. *J. Crust. Biol.* 41(3)ruab031: 1-8, [doi.org/10.1093/jcbiol/ruab031](https://doi.org/10.1093/jcbiol/ruab031). [SCI]
13. Komai, T., T.Y. Chan and S.C. Chang\*. 2021. Redescription of the colorful deep-water shrimp *Lebbeus compressus* Holthuis, 1947 and description of a closely allied new species from Taiwan (Decapoda: Caridea: Thoridae). *J. Crust. Biol.* 41(3)ruab048: 1-13, [doi.org/10.1093/jcbiol/ruab048](https://doi.org/10.1093/jcbiol/ruab048). [SCI]
14. Gašparič, R., D. Tshudy, T.Y. Chan and S. Čorić. 2021. A new deep-water lobster, *Metanephrops serendipitus* sp. nov. (Crustacea, Decapoda, Nephropidae), from lower Miocene of Meljski hrib (Maribor, Slovenia). *Boletín de la Sociedad Geológica Mexicana* 73(3)A240521: 1-19.
15. Ng, P.K.L. and T.Y. Chan\*. 2021. Rediscovery of *Orientotlos iishibai* Sakai, 1980 (Crustacea, Decapoda, Brachyura, Leucosiidae) in Taiwan. *ZooKeys* 1053: 185-195. [SCI]

16. Chen, C.L. and **T.Y. Chan\***. 2021 A new stenopodid shrimp of the genus *Odontozona* Holthuis, 1946 (Crustacea: Decapoda: Stenopodidea) from Taiwan. *Arthropoda Selecta* **30**(3): 299-308. [SCI]
17. **Chan, T.Y.**, T. Komai and C.H. Yang\*. 2021. A list of shrimps and lobsters (Crustacea: Decapoda: Dendrobranchiata, Caridea, Stenopodidea, Polychelida, Astacidea, Achelata, Axiidea, Gebiidea) photographed during the SJADES 2018 biodiversity cruise. *Raffles Bull. Zool. suppl.* **36**: 119-161. [SCI]
18. Chim C.K. \*, I. Wirawati\*, P. Avianto, B. Richer de Forges, **T.Y. Chan** and T.K. Siang. 2021. SJADES 2018 biodiversity research cruise: Methodology and station data. *Raffles Bull. Zool. suppl.* **36**: 17-22. [SCI]
19. Ami Shaumi, A., U.C. Cheang, C.Y. Yang, C.W. Chang, S.Y. Guo, C.H. Yang, **T.Y. Chan** and K.L. Pang\*. 2021. Culturable fungi associated with the marine shallow-water hydrothermal vent crab *Xenograpsus testudinatus* at Kueishan Island, Taiwan. *Botanica Marina* **64**(4): 1289-300. [SCI]
20. Jiang, G.C. and **T.Y. Chan\***. 2021. Morphology of the first three zoeal stages of the deep-sea caridean shrimp *Heterocarpus fascirostratus* Yang, Chan & Kumar, 2018 (Crustacea, Decapoda, Pandalidae). *ZooKeys* **1042**: 23-34. [SCI]
21. Tan, M.H., H.M. Gan, H. Bracken-Grissom, **T.Y. Chan**, F. Grandjean and C.M. Austin. 2021. More from less: Genome skimming for nuclear markers for animal phylogenomics, a case study using decapod crustaceans. *J. Crus. Biol.* **41**(2): 1-7, doi:10.1093/jcbiol/ruab009. [SCI]
22. Cui, Z\*, Y. Liu, J. Yuan, X. Zhang, T. Ventura, K.Y. Ma, S. Sun, C. Song, D. Zhan, Y. Yang, H. Liu, G. Fan, Q. Cai, J. Du, J. Qin, C. Shi, S. Hao, Q.P. Fitzgibbon, G.G. Smith, J. Xiang, **T.Y. Chan**, M. Hui, C. Bao, F. Li\* and K.H. Chu\*. 2021. The Chinese mitten crab genome provides insights into adaptive plasticity and developmental regulation. *Nature Communications.* **12** (2395): 1-13, doi.org/10.1038/s41467-021-22604-3. [SCI]
23. **Chan, T.Y.**, Z.A. Muchlisin and A. Hurzaid\*. 2021. Verification of a pseudocryptic species in the commercially important tiger prawn *Penaeus monodon* Fabricius, 1798 (Decapoda: Penaeidae) from Aceh Province, Indonesia. *J. Crus. Biol* **41**(1): 1-10, doi:10.1093/jcbiol/ruaa096. [SCI]
24. Chen, C.L. and **T.Y. Chan\***. 2021. First record of the rare stenopodidean shrimp *Odontozona spongicola* (Alcock & Anderson, 1899) (Decapoda: Stenopodidea, Stenopodidae) from Indonesia. *Zootaxa* **4915**(4): 575-584. [SCI]
25. Tang, B, Z. Wang, Q. Liu, Z. Wang, Y. Ren, H. Guo, T. Qi, Y. Li\*, H. Zhang, S. Jiang, B. Ge, F. Xuan, Y. Sun, S. She, **T.Y. Chan**, Z. Sha, H. Jiang, H. Li, W. Jiang, Y. Qin, K. Wang, Q. Qiu, W. Wang, X. Li\*, N.K. Ng\*, D. Zhang\* and Y. Li. 2021. Chromosome-level genome assembly of *Paralithodes platypus* provides insights into evolution and adaptation of king crabs. *Mol. Ecol. Resour.* **21**: 511-525. [SCI]
26. Chang, S.C., **T.Y. Chan\*** and A.B. Kumar. 2020. Deep-sea clawed lobster *Nephropsis stewarti* Wood-Mason, 1872 species complex in the Indo-West Pacific (Crustacea, Decapoda, Nephropidae), with description of a new species. *ZooKeys* **1008**: 37-60. [SCI]
27. **Chan, T.Y.** 2020. *Sicyonella liui* sp. nov., a new sergestid shrimp (Decapoda, Dendrobranchiata) discovered from Madagascar. *Crustaceana* **93**(11-12): 1383-1390. [SCI]
28. Yang, C.H. and **T.Y. Chan\***. 2020. A new slipper lobster of the genus *Galearctus* Holthuis, 2002 (Decapoda, Scyllaridae) from Madagascar. *Crustaceana* **93**(11-12): 1461-1470. [SCI]
29. Hurzaid, A., **T.Y. Chan**, S.A. Mohd Nor, Z.A. Muchlisin and W.J. Chen\*. 2020. Molecular phylogeny and diversity of penaeid shrimps (Crustacea: Decapoda) from South-East Asian waters. *Zool. Scripta.* **49**: 596-613. [SCI]
30. Macpherson, E., **T.Y. Chan\***, A.B. Kumar and P.C. Rodriguez-Flores. 2020. On some squat lobsters from India (Decapoda, Anomura, Munididae), with description of a new species of *Paramunida* Baba, 1988. *ZooKeys* **965**: 17-36. [SCI]
31. Komai, T., C.H. Yang and **T.Y. Chan\***. 2020. Deep-sea shrimps of the genus *Glyphocrangon* A. Milne-Edwards, 1881 (Decapoda: Caridea: Glyphocrangonidae) collected by the SJADES 2018 expedition off Java, Indonesia, with description of one new species. *Raffles Bull. Zool.* **68**: 636-653. [SCI]
32. Kim, J.N. and **T.Y. Chan**. 2020. Crangonid shrimps (Crustacea: Decapoda: Caridea) from Papua New Guinea. *In*: S.T. Ahyong, T.Y. Chan and L. Corbari (eds). Tropical Deep-sea Benthos, vol. 31, Papua New Guinea. *Mem. Mus. natn. Hist. nat.* **213**: 207-238.
33. Chiang, C.I, M.T Chung, J.C. Shiao, P.L Wang, **T.Y. Chan**, A. Yamaguchi and C.H. Wang\*. 2020. Seasonal movement patterns of the bigfin reef squid *Sepioteuthis lessoniana* predicted using

- statolith  $\delta^{18}\text{O}$  values. *Frontiers Mar. Sci.* 7(249): 1-14. [SCI]
34. Wakabayashi, K, C.H. Yang\*, **T.Y. Chan** and B.F. Phillips. 2020. The final phyllosoma, nuisto, and first juvenile stages of the slipper lobster *Petrarctus brevicornis* (Holthuis, 1946) (Decapoda: Achelata: Scyllaridae). *J. Crust. Biol.* **40(3)**: 237-246. [SCI]
  35. Komai, T. and **T.Y. Chan**\*. 2020. New records of the crangonid shrimp genus *Metacrangon* Zarenkov, 1965 (Decapoda: Caridea), from the south of Java, eastern Indian Ocean, with description of a new species. *Raffles Bull. Zool.* **68**: 326-333. [SCI]
  36. Chang, S.C., **T.Y. Chan**\* and A.B. Kumar. 2020. A new lobster of the genus *Nephropsis* Wood-Mason, 1872 (Crustacea: Decapoda: Nephropidae) from the Indonesian deep-sea cruise, SJADES 2018. *Raffles Bull. Zool.* **68**: 50-55. [SCI]
  37. **Chan, T.Y.**, C.Y. Hsu, A.B. Kumar and S.C. Chang. 2020. On the “*Plesionika martia*” (A. Milne-Edwards, 1883) species group in Indian waters. *Zootaxa* **4279**: 67-76. [SCI]
  38. Komai, T., **T.Y. Chan**\* and S. De Grave. 2019. Establishment of a new shrimp family Chlorotocellidae for four genera previously assigned to Pandalidae (Decapoda, Caridea, Pandaloidae). *Zoosyst. Evol.* **95** (2):391-402. [SCI]
  39. Chiang C.I, M.T. Chung, T.W. Shih and **T.Y. Chan**, A. Yamaguchi and C.H. Wang\*. 2019. Evaluation of the  $^{137}\text{Ba}$  mass-marking technique and potential effects in the early life history stages of *Sepioteuthis lessoniana*. *Mar. & Freshwater Res.* **70**, 1698–1707. [SCI]
  40. Tan M.H., H.M. Gan, Y.P. Lee, H. Bracken-Grissom and **T.Y. Chan**, A.D. Miller and C. M. Austin. 2019. Comparative mitogenomics of the Decapoda reveals evolutionary heterogeneity in architecture and composition. *Scient. Rep.* **9**:10756. [SCI]
  41. Landeira J. M., C.H. Yang\*, T. Komai and **T.Y. Chan** and K. Wakabayashi. 2019. Molecular confirmation and description of the larval morphology of *Thalassocaris lucida* (Dana, 1852) (Decapoda, Caridea, Pandaloidae). *J. Mar. Biol. Ass. U. K.* **99**:1797–1805. [SCI]
  42. Bao C., Y. Yang, **T.Y. Chan** and Z. Cui\*. 2019. The complete mitochondrial genome of *Latreillia valida* (Decapoda: Brachyura). *Mitochondrial DNA Part B* **4(1)**:1905-1906. [SCI]
  43. **Chan, T.Y.**, C.H. Yang and K. Wakabayashi\*. 2019. Amended larval recruitment model for the Japanese spiny lobster *Panulirus japonicus* based on new larval records and population genetic data in Taiwan. *J. Ocean.* **75**: 273-282. [SCI]
  44. Liao, Y., K.Y. Ma, S. De Grave, T. Komai, **T.Y. Chan**\* and K.H. Chu. 2019. Systematic analysis of the caridean shrimp superfamily Pandaloidae (Crustacean: Decapoda) based on molecular and morphological evidence. *Mol. Phyl. Evol.* **134**: 200-210. [SCI]
  45. Ma, K.Y., J. Qin, C.W. Lin, **T.Y. Chan**, P.K.L. Ng, K.H. Chu and L.M. Tsang\*. 2019. Phylogenomic analyses of brachyuran crabs support early divergence of primary freshwater crabs. *Mol. Phyl. Evol.* **135**: 62-66. [SCI]
  46. Yang, C.H. and **T.Y. Chan**\* 2019. New records of *Benthesicymus* Bate, 1881 (Dendrobranchiata, Penaeoidea, Benthesicymidae) from the abyssal depths of Taiwan. *ZooKeys* **838**: 1-8. [SCI]
  47. Chang, S.C. and **T.Y. Chan**\*. 2019. On the clawed lobsters of the genus *Nephropsis* Wood-Mason, 1872 recently collected from deep-sea cruises off Taiwan and the South China Sea (Crustacea, Decapoda, Nephropidae). *ZooKeys* **833**: 41-58. [SCI]
  48. Komai, T., S.C. Chang and **T.Y. Chan**\*. 2019. A new deep-sea species of the caridean shrimp genus *Lebbeus* White, 1847 (Crustacea: Decapoda: Thoridae) from southern Java, Indonesia. *Raffles Bull. Zool.* **67**: 150-159. [SCI]
  49. Lin, C.W. and **T.Y. Chan**\*. 2019. First record of the squat lobster genus *Sternostylus* Baba, Ah Yong & Schnabel, 2018 (Crustacea: Decapoda: Sternostylidae) in Taiwan. *Zootaxa* **4544(2)**: 296-300. [SCI]
  50. Jaing, G.C., J.M. Landeira, T.W. Shih\* and **T.Y. Chan**. 2018. First zoeal stage of *Plesionika crosnieri* Chan & Yu, 1991, *P. ortmanni* Doflein, 1902 and *P. semilaevis* Bate, 1888, with remarks on the early larvae of *Plesionika* Bate, 1888 (Crustacea, Decapoda). *Zootaxa* **4532(3)**: 385-395. [SCI]
  51. Chang, S.C. and **T.Y. Chan**\*. 2018. Molecular evidence of sexual polymorphism in the rare deep-sea lobster genus *Thaumastocheles* Wood-Mason, 1874 (Crustacea: Decapoda: Nephropidae). *J. Crust. Biol.* **38(6)**: 772-779. [SCI]
  52. Chang, J., **T.Y. Chan**, N. Zhang, S. Sun and Z. Sha\*. 2018. Mitochondrial phylogenomics reveals insights into taxonomy and evolution of Penaeoidea (Crustacea: Decapoda). *Zool. Scripta* **47(5)**: 582-594. [SCI]
  53. Ashelby, C.W., W.C. Lin, S. De Grave and **T.Y. Chan**\*. 2018. Notes on the shrimp genus *Palaemon* Weber, 1795 (Crustacea, Decapoda, Palaemonidae) and related genera from Taiwan.

- Zootaxa* **4446**(4): 575-595. [SCI]
54. Chen, C., **T.Y. Chan** and B.K.K. Chan\*. 2018. Molluscan diversity in shallow water hydrothermal vents off Kueishan Island, Taiwan. *Mar. Biodiv.* **48**: 709-714. [SCI]
  55. **Chan, T.Y.**, R.D. Chakraborty, P. Purushothaman, G. Kuberan and C.H. Yang\*. 2018. On *Plesionika persica* (Kemp, 1925) and *P. reflexa* Chace, 1985 (Crustacea: Decapoda: Pandalidae) from India. *Zootaxa* **4382**(3): 583-591. [SCI]
  56. Yang, C.H., A.B. Kumar and **T.Y. Chan\***. 2018. On the deep-sea commercial caridean shrimp *Heterocarpus woodmasoni* Alcock, 1901 (Crustacea: Decapoda: Pandalidae), with description of a new species from the western Pacific. *Bull. Mar. Sci.* **94**(1): 85-99. [SCI]
  57. Malay, M.C.D., D.L. Rahayu and **T.Y. Chan\***. 2018. Hermit crabs of the genera *Calcinus* Dana, 1851, *Clibanarius* Dana, 1852, and *Dardanus* Paul'son, 1875 from the PANGLAO 2004 Expedition, with a checklist of the hermit crabs of the Philippines and description of a new species. *Raffles Bull. Zool.* **66**: 23-65. [SCI].
  58. Jiang, G.C., **T.Y. Chan** and T.W. Shih\*. 2017. Larval development to the first eighth zoeal stages in the deep-sea caridean shrimp *Plesionika grandis* Doflein, 1902 (Crustacea, Decapoda, Pandalidae). *Zookeys* **719**: 23-44. [SCI]
  59. **Chan, T.Y.** A.B. Kumar and C.H. Yang\*. 2017. Photophore counts in the deep-sea commercial shrimp *Aristeus alcocki* Ramadan, 1938 (Crustacea: Decapoda: Aristeidae), with a revised key to the Indo-West Pacific species of the genus. *Zootaxa* **4329**(4): 392-400. [SCI]
  60. Yang, C.H., A.B. Kumar and **T.Y. Chan\***. 2017. A new slipper lobster of the genus *Petrarctus* Holthuis, 2002 (Crustacea, Decapoda, Scyllaridae) from Southwest coast of India. *Zootaxa* **4329**(5): 477-486. [SCI]
  61. Yang, C.H., A.B. Kumar and **T.Y. Chan\***. 2017. Further records of the deep-sea pandalid shrimp *Heterocarpus chani* Li, 2006 (Crustacea, Decapoda, Caridea) from southern India. *ZooKeys* **685**: 151-159. [SCI]
  62. Komai, T. and **T.Y. Chan**. 2017. Redescriptions of two poorly known deep-sea shrimps (Crustacea: Pasiphaeidae and Glyphocrangonidae) from the Andaman Sea, eastern Indian Ocean. *Zootaxa* **4303**(1): 73-87. [SCI]
  63. Liao, Y., S. De Grave\*, T.W. Ho, B.H.Y. Ip, L.M. Tsang, **T.Y. Chan** and K.H. Chu. 2017. Molecular phylogeny of Pasiphaeidae (Crustacea, Decapoda, Caridea) reveals systematic incongruence of the current classification. *Mol. Phyl. Evol.* **115**: 171-180. [SCI]
  64. **Chan, T.Y.**, B. Richer de Forges and J.F. Barazer. 2017. Ship-based collection of large crustaceans. *J. Crust. Biol.* **37**(4): 481-489. [SCI]
  65. Wang, T.W., P.H. Kuo, C.W. Lin, C.W. Huang, **T.Y. Chan** and B.K.K. Chan\*. 2017. Assessing the biodiversity of deep-sea large crustaceans through fishing ports. *J. Crust. Biol.* **37**(4): 490-495. [SCI]
  66. Chang, S.C., D. Tshudy, U. Sorhannus, S.T. Ahyong\* and **T.Y. Chan**. 2017. Evolution of the thaumastocheliform lobsters (Crustacea, Decapoda, Nephropidae). *Zool. Scripta.* **46**: 372-387. [SCI]
  67. Wakabayashi, K., C.H. Yang, J.Y. Shy\*, C.H. He and **T.Y. Chan**. 2017. Correct identification and redescription of the larval stages and early juveniles of the slipper lobster *Eduarctus martensii* (Pfeffer, 1881) (Decapoda: Scyllaridae). *J. Crust. Biol.* **37**(2): 204-219. [SCI]
  68. **Chan, T.Y.** and T. Komai. 2017. A new shrimp species of the genus *Lebbeus* White, 1847 (Crustacea: Decapoda: Caridea: Thoridae) from a deep-sea cold seep site off southwestern Taiwan. *Zootaxa* **4238**(3): 426-432. [SCI]
  69. Shi, G., Z. Cui\*, M. Hui, Y. Liu, **T.Y. Chan** and C. Song. 2016. Unusual sequence features and gene rearrangements of primitive crabs revealed by three complete mitochondrial genomes of Dromiacea. *Comp. Biochem. Physiol. D* **20**: 65-73. [SCI]
  70. **Chan, T.Y.**, C.C. Lin and M.S. Jeng\*. 2016. Occurrence of the rare lobster *Palinustus unicornutus* Berry, 1979 (Decapoda: Palinuridae) in Taiwan. *Crustaceana* **89**(13): 1501-1507. [SCI]
  71. Robalino, J., B. Wikins, H.D. Bracken-Grissom, **T.Y. Chan** and M.A. O'Leary. 2016. The origin of large-bodied shrimp that dominate modern global aquaculture. *PLoS ONE* **11**(7): 1-24. [SCI]
  72. **Chan, T.Y.** 2016 New records of the rare pandalid shrimp *Plesionika exigua* (Rathbun, 1906) (Crustacea: Decapoda: Caridea) in the western Pacific. *Zootaxa* **4205**(1): 97-100. [SCI]
  73. Chen, C.L., J.W. Goy, H.D., Bracken-Grissom, D.L. Felder, L.M. Tsang\* and **T.Y. Chan**. 2016. Phylogeny of Stenopodidea (Crustacea : Decapoda) shrimps inferred from nuclear and mitochondrial genes reveals non-monophyly of the families Spongicolidae and Stenopididae and

- most of their composite genera. *Invert. Syst.* **30**: 479-490. [SCI]
74. **Chan, T.Y.**, R. Cleva and K.H. Chu. 2016. On the genus *Trachysalambria* Burkenroad, 1934 (Crustacea, Decapoda, Penaeidae), with descriptions of three new species. *Zootaxa* **4150**(3): 201-254. [SCI]
  75. Lin, F.J., T. Komai and **T.Y. Chan\***. 2016. A new mud lobster of the genus *Thalassina* Latreille, 1806 (Crustacea: Decapoda: Gebiidea: Thalassinidae) from marine seagrass beds in Dongsha (Pratas) Island, South China Sea. *Raffles Bull. Zool.* **64**: 98-104. [SCI]
  76. Jiang, G.C., J.M. Landeira, T.W. Shih and **T.Y. Chan\***. 2016. Larval development to the ninth zoeal stage of *Heterocarpus abulbus* Yang, Chan and Chu, 2010 (Decapoda: Caridea: Pandalidae), a deep-water shrimp with high fishery potential. *J. Crus. Biol.* **36**(3): 310-328. [SCI]
  77. Komai, T. and **T.Y. Chan\***. 2016. "Symmetrical" hermit crabs of the family Pylochelidae (Crustacea: Decapoda: Anomura) collected by the "BIOPAPUA" and "PAPUA NIUGINI" expeditions in the Papua New Guinea, with descriptions of two new species. *Zootaxa* **4088**(3): 301-328. [SCI]
  78. Chan, B.K.K., T.W. Wang, P.C. Chen, C.W. Lin, **T.Y. Chan** and L.M. Tsang\*. 2016. Community structure of macrobiota and environmental parameters in shallow water hydrothermal vents off Kueishan Island, Taiwan. *PLoS ONE* **11**(2): 1-22. [SCI]
  79. Wang, T.W., T. Komai, C.L. Chen and **T.Y. Chan\***. 2016. *Globospongicola jiaolongi* Jiang, Kou & Li, 2015, a junior subjective synonym of *G. spinulatus* Komai & Saito, 2006 (Crustacea: Decapoda: Stenopodidea: Spongicolidae). *Zootaxa* **4072**(5): 579-584. [SCI]
  80. Wang, T.W., S. T. Ahyong and **T.Y. Chan\***. 2016. First records of *Lithodes longispina* Sakai, 1971 (Crustacea: Decapoda: Anomura: Lithodidae) from southwestern Taiwan, including a site in the vicinity of a cold seep. *Zootaxa* **4066**(2): 173-176. [SCI]
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