

# 生物多樣性研究中心

陳國勤 (CHAN, KWOK-KAN)

期刊論文

- Al-Yahya H., H.-N. Chen, B. K. K. Chan\*, R. Kado and J. T. Høeg, 2016, "Morphology of cyprid attachment organs compared across disparate barnacle taxa: Does It relate to habitat?", *BIOLOGICAL BULLETIN*, 231(2), 120-129. (SCI) (IF: 1.522; SCI ranking: 44.2%,49%)
- Chan B. K. K., K.-T. Shao, Y.-T. Shao, Y.-W. Chang\*, 2016, "A simplified, economical, and robust light trap for capturing benthic and pelagic zooplankton", *JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY*, 482, 25-32. (SCI) (IF: 1.796; SCI ranking: 42.3%,52.7%)
- Chan B. K. K.\*, H.-N. Chen, P. A. R. Moreno and L. Corbari, 2016, "Diversity and biogeography of the little known deep-sea barnacles of the genus *Waikalasma* Buckeridge, 1983 (Balanomorpha: Chionelasmatoidea) in the Southwest Pacific, with description of a new species", *JOURNAL OF NATURAL HISTORY*, 50(47-48), 2961-2984. (SCI) (IF: 1.01; SCI ranking: 76%,57.1%)
- Chan B. K. K.\*, G. A. Kolbasov and J. T. Hoeg, 2016, "Collecting and processing thoracican, acrothoracican, and rhizocephalan cirripedes", *JOURNAL OF CRUSTACEAN BIOLOGY*, 36(5), 752-760. (SCI) (IF: 0.922; SCI ranking: 72.1%)
- Chan, B. K. K., F. P. Lima, G. A. Williams, R. Seabra, H. Y. Wang\*, 2016, "A simplified biomimetic temperature logger for recording intertidal barnacle body temperatures", *LIMNOLOGY AND OCEANOGRAPHY-METHODS*, 14(7), 448-455. (SCI) (IF: 2.008; SCI ranking: 36.1%,25%)
- Liu J. C. W., J. T. Hoeg, B. K.K. Chan\*, 2016, "How do coral barnacles start their life in their hosts?", *Biology Letters*, DOI: 10.1098/rsbl.2016.0124. (SCI) (IF: 2.823; SCI ranking: 31.3%,47.8%,22.1%)
- Yorissue T., B. K. K. Chan\*, R. Kado, H. Watanabe, K. Inoue, S. Kojima, J. T. Høeg, 2016, "On the morphology of antennular sensory and attachment organs in cypris larvae of the deep-sea vent/seep barnacles, *Ashinkailepas* and *Neoverruca*", *JOURNAL OF MORPHOLOGY*, 277(5), 594-602. (SCI) (IF: 1.521; SCI ranking: 28.6%)
- Chan, B. K.K.\*, C. C. Cheang, 2016, "1969 (Balanomorpha: Tetraclitidae) in the western Pacific, with a note on the new status of *Neonrosella* Jones, 2010", *ZOOTAXA*, 4098(2), 201-226. (SCI) (IF: 0.994; SCI ranking: 49.7%)
- Yu M.-C., G. A. Kolbasov, B. K. K. Chan\*, 2016, "A new species of sponge inhabiting barnacle Bryozobia (Archaeobalanidae, Bryozobiinae) in the West Pacific", *ZooKeys*, 571, 1-20. (SCI) (IF: 0.938; SCI ranking: 53.4%)
- Chan, B. K.K.\*, H. N. Chen, P. R. Dando, A. J. Southward, E. C. Southward, 2016, "Biodiversity and Biogeography of Chthamalid Barnacles from the North-Eastern Pacific (Crustacea Cirripedia)", *PLoS One*, 11(3), e0149556. (SCI) (IF: 3.057; SCI ranking: 17.5%)
- Chan, B. K. K., T.-W. Wang, P.-C. Chen, C.-W. Lin, T.-Y. Chan, L. M. Tsang\*, 2016, "Community structure of macrobiota and environmental parameters in shallow water hydrothermal vents off Kueishan Island, Taiwan", *PLoS One*, 11(2), e0148675. (SCI) (IF: 3.057; SCI ranking: 17.5%)

Shen, X. K. H. Chu, B. K. K. Chan and L. M. Tsang\*, 2016, “The complete mitochondrial genome of the fire coral-inhabiting barnacle *Megabalanus ajax* (Sessilia: Balanidae): gene rearrangements and atypical gene content”, *Mitochondrial DNA*, 27(2), 1173-1174. (SCI) (IF: 1.76; SCI ranking: 74.7%)

Shen, X., B. K. K. Chan and L. M. Tsang\*, 2016, “The mitochondrial genome of *Nobia grandis* Sowerby, 1839 (Cirripedia: Sessilia): the first report from the coral-inhabiting barnacles family Pyrgomatidae”, *Mitochondrial DNA*, 27(1), 339-341. (SCI) (IF: 1.76; SCI ranking: 74.7%)

學術會議(研討會)論文

Liu, J. C. W., J. T. Høeg and B. K. K. Chan\*, 2016, “How do coral associated invertebrates starting their life in their coral hosts? An example from coral associated barnacles”, paper presented at 2016 mid-year meeting of *The Crustacean Society*, Singapore: National University of Singapore, 2016-07-10 ~ 2016-07-13.

## 趙淑妙 (CHAW, SHU-MIAW)

期刊論文

Chung-Shien Wu, Shu-Miaw Chaw\*, 2016, “Large-Scale Comparative Analysis Reveals the Mechanisms Driving Plastomic Compaction, Reduction, and Inversions in Conifers II (Cupressophytes)”, *Genome Biology and Evolution*, 8. (SCI) (IF: 4.098; SCI ranking: 19.9%,21.7%)

Hsu CY, Wu CS, Chaw SM\*, 2016, “Birth of four chimeric plastid gene clusters in Japanese umbrella pine.”, *Genome Biology and Evolution*, 8(6), 1776-1784. (SCI) (IF: 4.098; SCI ranking: 19.9%,21.7%)

Sudianto E, Wu CS, Lin CP, Chaw SM\*, 2016, “Revisiting the plastid phylogenomics of Pinaceae with two complete plastomes of *Pseudolarix* and *Tsuga*.”, *Genome Biology and Evolution*, 8(6), 1804-1811. (SCI) (IF: 4.098; SCI ranking: 19.9%,21.7%)

## 陳昭倫 (CHEN, CHAOLUM ALLEN)

期刊論文

Roberto Arrigoni, Michael L Berumen, Chaolun Allen Chen, Tullia I Terraneo, Andrew H Baird, Claude Payri, Francesca Benzoni, 2016, “Species delimitation in the reef coral genera *Echinophyllia* and *Oxypora* (Scleractinia, Lobophylliidae) with a description of two new species”, *MOLECULAR PHYLOGENETICS AND EVOLUTION*, 105, 146-159. (SCI) (IF: 3.792; SCI ranking: 27.7%,28.3%,29.1%)

Mei Fang Lin, Wen Hwa Chou, Marcelo V Kitahara, Chao Lun Allen Chen, David John Miller, Sylvain Foret, 2016, “Corallimorpharians are not “naked corals”: insights into relationships between Scleractinia and Corallimorpharia from phylogenomic analyses”, *PeerJ*, 4, e2463. (SCI) (IF: 2.183; SCI ranking: 22.2%)

Roberto Arrigoni\*, Francesca Benzoni\*, Danwei Huang, Hironobu Fukami, Chaolun Allen Chen,

- Michael L. Berumen, Mia Hoogenboom, Damian P. Thomson, Bert W. Hoeksema, Ann F. Budd, Yuna Zayasu, Tullia I. Terraneo, Yuko F. Kitano, Andrew H. Baird, 2016, “When forms meet genes: revision of the scleractinian genera *Micromussa* and *Homophyllia* (Lobophylliidae) with a description of two new species and one new genus”, *CONTRIBUTIONS TO ZOOLOGY*, 85(4), 387-422. (SCI) (IF: 1.844; SCI ranking: 19.3%)
- S.-T. Hsiao, S.-C. Chuang, K.-S. Chen, P.-H. Ho, C.-L. Wu, C. A. Chen\*, 2016, “DNA barcoding reveals that the common cupped oyster in Taiwan is the Portuguese oyster *Crassostrea angulata* (Ostreoida; Ostreidae), not *C. gigas*”, *Scientific Reports*, 6, 34057. (SCI) (IF: 5.228; SCI ranking: 11.1%)
- H. J. Hsieh, C. K.-C. Wen, Y.-C. Huang, K.-S. Chen, C.-F. Dai, C. A. Chen\*, 2016, “Spatial patterns and environmental settings of non-reefal coral communities across the Tropics of Cancer in the Penghu Archipelago (Pescadores), Taiwan”, *ZOOLOGICAL STUDIES*, doi:10.6620/ZS.2016.55-45. (SCI) (IF: 0.885; SCI ranking: 56.5%)
- Christophe Vieira, Shashank Keshavmurthy, Se-Jong Ju, Kiseong Hyeong, Inah Seo, Chang-Keun Kang, Hyun-Ki Hong, Chaolun Allen Chen and Kwang-Sik Choi, 2016, “Population dynamics of a high-latitude coral *Alveopora japonica* Eguchi from Jeju Island, off the southern coast of Korea”, *MARINE AND FRESHWATER RESEARCH*, 67, 594-604. (SCI) (IF: 1.583; SCI ranking: 50%,32.7%,49.2%,48.1%)
- L. R. Deulofeu, V. Denis, S. De Palmas, C.-Y. Kuo, H. J. Hsieh, C. A. Chen\*, 2016, “Structure of benthic communities along the Taiwan latitudinal gradient”, *PLoS One*, 11(8), e0160601. (SCI) (IF: 3.057; SCI ranking: 17.5%)
- G. Suzuki, S. Keshavmurthy, T. Hayashibara, C. C. Wallace, Y. Shirayama, C. A. Chen, H. Fukami, 2016, “Genetic evidence of peripheral isolation and low diversity in marginal populations of the *Acropora hyacinthus* complex”, *CORAL REEFS*, 35(4), 1419-1432. (SCI) (IF: 3; SCI ranking: 8.7%)
- Wen-Ming Chen, Li-Ping Liu, Chaolun Allen Chen, Jih-Terng Wang, Shih-Yi Sheu, 2016, “*Thalassotalea montiporae* sp. nov., isolated from the encrusting pore coral *Montipora aequituberculata*.”, *INTERNATIONAL JOURNAL OF SYSTEMATIC AND EVOLUTIONARY MICROBIOLOGY*, 66, 4077-4084. (SCI) (IF: 2.439; SCI ranking: 52.8%)
- M.-J. Ho, C.-M. Hsu, C. A. Chen\*, 2016, “Wall of orange cup coral, *Tubastraea coccinea*, at the inlet breakwaters of a nuclear power plant, southern Taiwan”, *Marine Biodiversity*, DOI: 10.1007/s12526-016-0469-2. (SCI) (IF: 1.915; SCI ranking: 34.6%,36.7%)
- D. Huang, B. W. Hoeksema, A. Yang Amri, P. O. Ang, C. A. Chen, H. Huang, D. J. W. Lane, W. Y. Licuanan, Ouk Vibol, S. T. Vo, T. Yeemin, L. M. Chou, 2016, “ Conservation of reef corals in the South China Sea based on species and evolutionary diversity”, *BIOLOGICAL CONSERVATION*, 25(2), 331-344. (SCI) (IF: 3.985; SCI ranking: 13.8%,14.3%,18%)

## 陳章波 (CHEN, CHANG-PO)

期刊論文

Chen CP, Chen RF, Chen PH, Liu HJ, Hsieh HL\*, 2016, “Intermediate culture of juvenile horseshoe crab (*Tachypleus tridentatus*) mixed with juvenile spotted Babylon (*Babylonia areolata*) for restocking horseshoe crab populations”, *AACL Bioflux*, 9(3),623-633.

## 江殷儒 (CHIANG, YIN-RU)

### 期刊論文

Yi-Lung Chen, Chia-Hsiang Wang, Fu-Chun Yang, Wael Ismail, Po-Hsiang Wang, Chao-Jen Shih, Yu-Ching Wu, and Yin-Ru Chiang\*, 2016, “Identification of *Comamonas testosteroni* as an androgen degrader in sewage.”, *Scientific Reports*, 6, 35386. (SCI) (IF: 5.228; SCI ranking: 11.1%)

Fu-Chun Yang, Yi-Lung Chen, Sen-Lin Tang, Chang-Ping Yu, Po-Hsiang Wang, Wael Ismail, Chia-Hsiang Wang, Jiun-Yan Ding, Cheng-Yu Yang, Chia-Ying Yang, and Yin-Ru Chiang\*, 2016, “Integrated multi-omics analyses reveal the biochemical mechanisms and phylogenetic relevance of anaerobic androgen biodegradation in the environment”, *ISME Journal*, 10, 1967-1983. (SCI) (IF: 9.328; SCI ranking: 2.7%,6.5%)

Jiun-Yan Ding, Jia-Ho Shiu, Wen-Ming Chen, Yin-Ru Chiang, and Sen-Lin Tang, 2016, “Genomic insight into the host-endosymbiont relationship of *Endozoicomonas montiporae* CL-33 with its coral host.”, *Frontiers in Microbiology*, 7, 251. (SCI) (IF: 4.165; SCI ranking: 18.7%)

## 邱志郁 (CHIU, CHIH-YU)

### 期刊論文

Chang, E.H., Chen, T.H., Tian, G., Hsu, C.K., and Chiu, C.Y.\*, 2016, “Effect of 40 and 80 years of conifer regrowth on soil microbial activities and community structure in subtropical low mountain forests”, *Forests*, 7(10), 244. (SCI) (IF: 1.583; SCI ranking: 28.8%)

Wang, H.C., Chou, C.Y., Chiou, C.R., Tian, G, and Chiu, C.Y.\*, 2016, “Humic acid composition and characteristics of soil organic matter in relation to the elevation gradient of moso bamboo plantations”, *PLoS ONE*, 11(9), e0162193. (SCI) (IF: 3.057; SCI ranking: 17.5%)

Lin, Y.T. and Chiu, C.Y.\*, 2016, “Elevation gradient of soil bacterial communities in bamboo plantations.”, *Botanical Studies*, 57, 8. (SCI) (IF: 1.159; SCI ranking: 57.9%)

Jien, S.H., Baillie, I, Hu, C.C., Chen, T.H., Iizuka, Y., and Chiu, C.Y.\*, 2016, “Forms and distribution of phosphorus in a placic podzolic toposequence in a subtropical subalpine forest, Taiwan. ”, *Catena*, 140, 145-154. (SCI) (IF: 2.612; SCI ranking: 10.6%,22.8%,26.5%)

Tsai, J.W., Kratz, T.K., Rusak, J.A., Shih, W.Y., Liu, W.C., Tang, S.L., and Chiu, C.Y.\*, 2016, “Absence of winter and spring monsoons cause water level changes and rapid shifts in metabolism in a subtropical lake.”, *Inland Waters*, 6(3), 436-448. (SCI) (IF: 1.776; SCI ranking: 43.3%,40%)

Shiau, Y.J., Dham, V., Tian, G. and Chiu, C.Y.\*, 2016, “Factors influencing removal of sewage nitrogen through denitrification in mangrove soils.”, *Wetlands*, 36, 621-630. (SCI) (IF: 1.504; SCI ranking: 56.9%,62.7%)

- Jien, S.H., Baillie, I, Huang, W.S., Chen, Y.Y. and Chiu, C.Y. \*, 2016, “Incipient ferralization and weathering indices along a soil chronosequence in Taiwan ”, *European Journal of Soil Science*, 67, 583-596. (SCI) (IF: 3.425; SCI ranking: 8.8%)
- Wang, H.C., Tian, G., and Chiu, C.Y.\*, 2016, “Invasion of moso bamboo into a Japanese cedar plantation affects the chemical composition and humification of soil organic matter. ”, *Scientific Reports*, 6, 32211. (SCI) (IF: 5.228; SCI ranking: 11.1%)
- Chang, E.H, Chen, T.H., Tian, G and Chiu, C.Y. \*, 2016, “The effect of altitudinal gradient on soil microbial community activity and structure in moso bamboo plantations. ”, *Applied Soil Ecology*, 98, 213-220. (SCI) (IF: 2.67; SCI ranking: 23.5%)

## 鍾國芳 (CHUNG, KUO-FANG)

### 期刊論文

- Peñailillo Johany, Olivares Gabriela, Moncada Ximena, Payacán Claudia, Chang Chi-Shan, Chung Kuo-Fang, Matthews Peter J., Seelenfreund Andrea, Seelenfreund Daniela, 2016, “Sex Distribution of Paper Mulberry (*Broussonetia papyrifera*) in the Pacific”, *PLOS ONE*, 11(8), e0161148. (SCI) (IF: 3.057; SCI ranking: 17.5%)

### 學術會議(研討會)論文

- Kuo-Fang Chung, Cheng-Te Hsu, 2016, “Past, present and future of alpine flora of Taiwan—Insights from integrating phylogeography and species distribution model of *Chaerophyllum involucreatum* (Apiaceae)”, paper presented at 臺灣植物學會第三十屆第二次會員大會暨「氣候變遷：植物演化之因應策略研討會」, 國立中興大學, 台中: 國立中興大學, 2016-11-26 ~ 2016-11-27.
- Kuo-Fang Chung, 2016, “Tracking Austronesian expansion and migrations via paper mulberry genomic data”, paper presented at 2016 演化基因體學與生物資訊學國際研討會, 高雄: 中央研究院生物多樣性中心, 2016-11-24 ~ 2016-11-25.
- 黃郁嵐、李宜軒、游旨价、陳凱儀、鍾國芳, 2016, “限制酶位點標定之核酸定序法 (RADseq) 在植物多樣性研究之應用：臺灣瓦氏組小檗的輻射種化”, paper presented at 高通量 SNP 基因型分析平台及育種應用成果發表會, 台大集思會議中心: 國立臺灣大學農藝學系, 2016-11-10.
- Kuo-Fang Chung, 2016, “Challenges to the Conservation of Sino-Vietnamese Limestone Karst Biodiversity”, paper presented at *PNC 2016 Annual Conference and Joint Meetings*, Getty Center, Los Angeles: Pacific Neighborhood Consortium, 2016-08-16 ~ 2016-08-18.
- Chih-Chieh Yu, Kuo-Fang Chung, 2016, “Molecular phylogenetics, historical biogeography, and diversification of *Berberis* s.l. (Berberidaceae).”, paper presented at *Botany2016*, Savannah, Georgia: Botanical Society of America, 2016-07-30 ~ 2016-08-02.
- Yu-Hsin Tseng, Kuo-Fang Chung, Alex Monro, Yi-Gang Wei, Jer-Ming Hu, 2016, “The historical origins and evolution of paleotropical intercontinental disjunction in *Elatostema* (Urticaceae)”, paper presented at *Botany2016*, Savannah, Georgia: Botanical Society of America, 2016-07-30 ~ 2016-08-02.
- Yu-Lan Huang, Kuo-Fang Chung, Kai-Yi Chen, Chih-Chieh Yu, 2016, “Using RAD-seq to infer

phylogeny of a rapid radiation of a subalpine evergreen shrub (*Berberis* sect. *Wallichianae*, *Berberidaceae*) in Taiwan”, paper presented at *Botany2016*, Savannah, Georgia: Botanical Society of America, 2016-07-30 ~ 2016-08-02.

Wai-Chao Leong, Ching-I Peng, Yan Liu, Rosario Rubite, Ruth Kiew, Mark Hughes, Rimi Repin, Kuo-Fang Chung, 2016, “Molecular phylogenetics and biogeography of Asian *Begonia*, with an emphasis on the continental species”, 63 pages, paper presented at *10th International Flora Malesiana Symposium*, Edinburgh, Royal Botanic Garden Edinburgh: Royal Botanic Garden Edinburgh, 2016-07-11 ~ 2016-07-15.

Rosario Rubite, Mark Hughes, Ching-I Peng, Patrick Blanc, Kuo-Fang Chung, Grecebio Alejandro, 2016, “Three new species of *Begonia* endemic to the Puerto Princesa Subterranean River National Park, Palawan”, 35 pages, paper presented at *10th International Flora Malesiana Symposium*, Edinburgh, Royal Botanic Garden Edinburgh: Royal Botanic Garden Edinburgh, 2016-07-11 ~ 2016-07-15.

鍾國芳, 2016, “構樹 DNA 記載的南島語族遷徙史”, paper presented at *2016 年地球科學系統學術論壇—地球·科學·智慧·生活*, 中國文化大學: 中國文化大學, 2016-03-19.

Chih-Chieh Yu, Kuo-Fang Chung, 2016, “Why *Mahonia*? Recircumscribing *Berberis* s.l. based on molecular and morphological data, with description of two new genera, *Alloberberis* and *Moranthamnus*”, 19 pages, paper presented at *台灣植物分類學會 2016 年年會暨植物多樣性與系統分類研討會*, 國立臺灣師範大學: 台灣植物分類學會, 2016-03-05.

他類論文

鍾國芳, 2016, 〈藏在構樹 DNA 中的南島語族遷徙史〉, 《科學人》, 168, 80-85。

## 謝蕙蓮 (HSIEH, HWEY-LIAN)

期刊論文

Chen CP, Chen RF, Chen PH, Liu HJ, Hsieh HL\*, 2016, “Intermediate culture of juvenile horseshoe crab (*Tachypleus tridentatus*) mixed with juvenile spotted Babylon (*Babylonia areolata*) for restocking horseshoe crab populations”, *AACL Bioflux*, 9(3), 623-633.

Kwan BKY, Hsieh HL, Cheung SG, Shin PKS, 2016, “Present population and habitat status of potentially threatened Asian horseshoe crabs *Tachypleus tridentatus* and *Carcinoscorpius rotundicauda* in Hong Kong: a proposal for marine protected areas”, *Biodiversity and Conservation*, 25, 673-692. (SCI) (IF: 2.258; SCI ranking: 41.3%,37.8%,22.4%)

## 洪志銘 (HUNG, CHIH-MING)

期刊論文

Hung, C.-M., A.-Y. Yu, Y.-T. Lai and P.-J. L. Shaner, 2016, “Developing informative microsatellite makers for non-model species using reference mapping against a model species’ genome”, *Scientific Reports*, 6, 23087. (SCI) (IF: 5.228; SCI ranking: 11.1%)

Hung, C.-M., S. V. Drovetski and R. M. Zink, 2016, “Matching loci surveyed to questions asked in

phylogeography”, *PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*, 283(1826), 20152340. (SCI) (IF: 4.823; SCI ranking: 12.7%,10.5%,17.4%)

## 鄭明修 (JENG, MING-SHIOU)

### 期刊論文

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) (IF: 0.664; SCI ranking: 80.8%)

Hu M.Y., Y.J. Guh, Y.T. Shao, P.L. Kuan, G.L. Chen, M.S. Jeng, J.R. Lee, 2016, “Strong Ion Regulatory Abilities Enable the Crab *Xenograpsus testudinatus* to Inhabit Highly Acidified Marine Vent Systems.”, *Frontiers in Physiology*, 7(14), 1-11. (SCI) (IF: 4.031; SCI ranking: 16.9%)

Tu T.H., C. F. Dai, and M. S. Jeng\*, 2016, “Taxonomic Revision of Corallidae with descriptions of new species from New Caledonia and Hawaii Archipelago”, *MARINE BIOLOGY RESEARCH*, 12(10), 1003-1038. (SCI) (IF: 1.649; SCI ranking: 46.2%,58%)

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鄭明修, 2016, 《大自然》, 共 130:12-7 頁, 台灣: 大自然。

## 李文雄 (LI, WEN-HSIUNG)

### 期刊論文

Li H, Xiang-Yu J, Dai G, Gu Z, Ming C, Yang Z, Ryder OA, Li WH\*, Fu YX, Zhang YP, 2016, “Large numbers of vertebrates began rapid population decline in the late 19th century.”, *Proceedings of the National Academy of Sciences of the United States of America*, 113(49), 14079-14084. (SCI) (IF: 9.423; SCI ranking: 6.3%)

Tsai KJ, Lu MJ, Yang KJ, Li M, Teng Y, Chen S, Ku MS, Li WH\*, 2016, “Assembling the *Setaria italica* L. Beauv. genome into nine chromosomes and insights into regions affecting growth and drought tolerance.”, *Scientific reports*, 6, 35076. (SCI) (IF: 5.228; SCI ranking: 11.1%)

Bhattacharjee MJ, Yu CP, Lin JJ, Ng CS, Wang TY, Lin HH, Li WH\*, 2016, “Regulatory Divergence among Beta-Keratin Genes during Bird Evolution.”, *Molecular biology and evolution*, 33(11), 2769-2780. (SCI) (IF: 13.649; SCI ranking: 1.7%,2.4%,4.3%)

Chen CK, Ng CS, Wu SM, Chen JJ, Cheng PL, Wu P, Lu MY, Chen DR, Chuong CM, Cheng HC, Ting CT, Li WH\*, 2016, “Regulatory Differences in Natal Down Development between Altricial Zebra Finch and Precocial Chicken.”, *Molecular biology and evolution*, 33(8), 2030-2043. (SCI) (IF: 13.649; SCI ranking: 1.7%,2.4%,4.3%)

Mei-Ju May Chen, Li-Kai Chen, Yu-Shing Lai, Yu-Yu Lin, Dung-Chi Wu, Yi-An Tung, Kwei-Yan Liu, Hsueh-Tzu Shih, Yi-Jyun Chen, Yan-Liang Lin, Li-Ting Ma, Jian-Long Huang, Po-Chun Wu, Ming-Yi Hong, Fang-Hua Chu, June-Tai Wu, Wen-Hsiung Li\* and Chien-Yu Chen\*, 2016, “Integrating RNA-seq and ChIP-seq data to characterize long non-coding RNAs in *Drosophila*

melanogaster”, *BMC Genomics*, 17, 220. (SCI) (IF: 3.867; SCI ranking: 25.9%,19.9%)

Huang CF, Chang YM, Lin JJ, Yu CP, Lin HH, Liu WY, Yeh S, Tu SL, Wu SH, Ku MS, Li WH\*, 2016, “Insights into the regulation of C leaf development from comparative transcriptomic analysis.”, *Current opinion in plant biology*, 30, 1-10. (SCI) (IF: 6.78; SCI ranking: 3.3%)

Yu CP, Lin JJ, Li WH\*, 2016, “Positional distribution of transcription factor binding sites in *Arabidopsis thaliana*.”, *Scientific reports*, 6, 25164. (SCI) (IF: 5.228; SCI ranking: 11.1%)

## 野澤洋耕 (NOZAWA, YOKO)

### 期刊論文

Yoko Nozawa\*, Yu-sin Huang, Euichi Hirose, 2016, “Seasonality and lunar periodicity in sexual reproduction of the coral-killing sponge, *Terpios hoshinota*”, *CORAL REEFS*, 35(3), 1071–1081. (SCI) (IF: 3; SCI ranking: 8.7%)

## 邵廣昭 (SHAO, KWANG-TSAO)

### 期刊論文

Chen, H., Shao, K.T., and Kishino, H. , 2016, “Bayesian hierarchical ANOVA model of stochastic seasonality for *Diodon Holocanthus* in northern Taiwan”, *Journal of Marine Science and Technology-Taiwan*, 24(2), 303-310. (SCI) (IF: 0.298; SCI ranking: 91.8%)

Tsai W. P., S. P. Huang, K. T. Shao, C. Y. Lin, F. J. Chang, 2016, “A data-mining framework for exploring the multi-relation between fish species and water quality through self-organizing map”, *Science of the Total Environment*, DOI information: 10.1016/j.scitotenv.2016.11.071. (SCI) (IF: 3.976; SCI ranking: 14.2%)

Huang S. P., I-S. Chen, and K. T. Shao\*, 2016, “A new species of *Microphysogobio* (Cypriniformes: Cyprinidae) from Fujian Province, China, and a molecular phylogenetic analysis of *Microphysogobio* species from southeastern China and Taiwan”, *Proceedings of Biological Society of Washington*, 129(1), 195-211.

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