

## 2017年度发表论文情况

序号	文章题目	作者	期刊名	年卷期页	影响因子	分区
1	Biosynthesis of ilamycins featuring unusual building blocks and engineered production of enhanced anti-tuberculosis agents	Junying Ma*, Hongbo Huang, Yunchang Xie, Zhiyong Liu, Jin Zhao, Chunyan Zhang, Yanxi Jia, Yun Zhang, Hua Zhang, Tianyu Zhang, Jianhua Ju*	Nature Communications	2017,8(1):391	12.124	1
2	Metabolic and fitness determinants for in vitro growth and intestinal colonization of the bacterial pathogen <i>Campylobacter jejuni</i>	Beile Gao+, Hanne Vorwerk+ , Claudia Huber, Maria Lara-Tejero, Juliane Mohr, Andrew L. Goodman, Wolfgang Eisenreich, Jorge E. Galán* , Dirk Hofreuter*	PLoS Biology	2017,15(5):e2001390	9.7969	1
3	Warming and nutrient enrichment in combination increase stochasticity and beta diversity of bacterioplankton assemblages across freshwater mesocosms	Lijuan Ren, Dan He, Zhen Chen, Erik Jeppesen, Torben L Lauridsen, Martin Søndergaard, Zhengwen Liu and Qinglong L Wu	ISME Journal	2017,11:613-625	9.664	I
4	Deciphering the sugar biosynthetic pathway and tailoring steps of nucleoside antibiotic A201A unveils a GDP-L-galactose mutase	Qinghua Zhu+, Qi Chen+, Yongxiang Song, Hongbo Huang, Jun Li, Junying Ma, Qinglian Li, and Jianhua Ju*	PNAS	2017,114(19):4948-4953	9.661	1
5	Lampreys, the jawless vertebrate, contain only two ParaHox gene clusters	Huixian Zhang, Vydiathan Ravi+, Boon-Hui Tay, Sumanty Tohari, Nisha E. Pillai, Aravind Prasad, Qiang Lin, Sydney Brenner*, Byrappa Venkatesh*	PNAS	2017,114(34):9146-9151	9.661	1
6	Activation and characterization of a cryptic gene	Subhasish Saha+, Wenjun Zhang+, Guangtao Zhang+, Yiguang Zhu, Yuchan Chen, Qingbo Zhang, Haibo Zhang, Liping Zhang, Weimin Zhang and Changsheng Zhang*,	Chemical Science	2017,8:1607-1612	8.668	1
7	Characterization of the Flavoenzyme XiaK as an N-Hydroxylase and Implications in Indolosesquiterpene Diversification	Qingbo Zhang+, Huixian Li+, Lu Yu, Yu Sun, Yiguang Zhu, Hanning Zhu, Liping Zhang, Shu-Ming Li, Yuemao Shen, Changlin Tian, Ang Li, Hung-wen Liu* and Changsheng Zhang*	Chemical Science	2017,8(7):5067-5077	8.668	1

8	Pyrazolofluostatins A–C, Pyrazole-Fused Benzo[a]fluorenes from South China Sea-Derived <i>Micromonospora rosaria</i> SCSIO N160	Wenjun Zhang+, Chunfang Yang+, Chunshuai Huang, Liping Zhang, Haibo Zhang, Qingbo Zhang, Chengshan Yuan, Yiguang Zhu, and Changsheng Zhang*	Organic Letters	2017,19(3):592–595	6.579	1
9	Genome Mining and Activation of a Silent PKS/NRPS Gene Cluster Direct the Production of Totopotensamides	Ruidong Chen+, Qingbo Zhang+, Bin Tan, Liujuan Zheng, Huixian Li, Yiguang Zhu, and Changsheng Zhang*	Organic Letters	2017,19(20):5697-5700	6.579	1
10	Elucidating the Sugar Tailoring Steps in the Cytorhodin Biosynthetic	Chun Gui, Xuhua Mo, Yu-Cheng Gu, Jianhua Ju*	Organic Letter	2017,19(20):5617-5620	6.579	1
11	Simultaneous photocatalytic Cr(VI) reduction and ciprofloxacin oxidation over TiO <sub>2</sub> /Fe-omicron composite under aerobic conditions: Performance, durability, pathway and mechanism	Diao Zeng-Hui, Xu Xiang-Rong*, Jiang Dan, Liu Jin-Jun, Kong Ling-Jun, Li Gang, Zuo Lin-Zi, Wu Qi-Hang	Chemical Engineering Journal	2017,315:167-176	6.216	1
12	Enhanced catalytic degradation of ciprofloxacin with FeS <sub>2</sub> /SiO <sub>2</sub> microspheres as heterogeneous Fenton catalyst: Kinetics, reaction pathways and mechanism	Diao Zeng-Hui, Xu Xiang-Rong*, Jiang Dan, Li Gang, Liu Jin-Jun, Kong Ling-Jun, Zuo Lin-Zi	Journal of Hazardous Materials	2017,327:108-115	6.065	1
13	Antifungal and Antiviral Cyclic Peptides from the Deep-Sea-Derived Fungus <i>Simplicillium obclavatum</i> EIODSF 020.	Xiao Liang, Xu-Hua Nong, Zhong-Hui Huang, and Shu-Hua Qi.	Journal of Agricultural and Food Chemistry	2017,65(25):5114-5121	3.154	1
14	Effects of chronic ammonia exposure on ammonia metabolism and excretion in marine medaka <i>Oryzias melastigma</i>	Na Gao, Limei Zhu, Zhiqiang Guo, Meisheng Yi, Li Zhang*	Fish & Shellfish Immunology	2017,65:226-234	3.148	1
15	Molecular characterization of Pacific white shrimp ( <i>Litopenaeus vannamei</i> ) sodium bicarbonate cotransporter (NBC) and its role in response to pH stress	Cai Yi-Ming+ , Chen Ting+, Ren Chun-Hua, Huang Wen, Jiang Xiao, Gao Yan, Huo Da, Hu Chao-Qun*	Fish & shellfish immunology	2017,64:226-233	3.148	1
16	TRAF6 is a critical factor in fish immune response to virus infection	Wei Jingguang, Zang shaoqing, Xu Meng, Zheng Qiaojun, Chen xiuli, Qin Qiwei	Fish & Shellfish Immunology	2017,(60):6-12	3.148	1
17	Fish DDX3X exerts antiviral function against grouper nervous necrosis virus infection	Liu Jiabin, Huang Xiaohong, Yu Yepin, Zhang Jingcheng, Ni Songwei, Hu Yin, Huang Youhua, Qin Qiwei	Fish & Shellfish Immunology	2017,(71):95-104	3.148	1

18	Grouper STAT1a is involved in antiviral immune response against iridovirus and nodavirus infection	Zhang Jingcheng, Huang Xiaohong, Ni Songwei, Liu Jiabin, Hu Yin, Yang Ying, Yu Yepin, Zhou Linli, Qin Qiwei, Youhua Huang a, b, c, d, *	Fish & Shellfish Immunology	2017 (70) 351-361	3.148	1
19	Fish TRIM32 functions as a critical antiviral molecule against iridovirus and nodavirus	Yu Yepin, Huang Xiaohong Huang, Liu Jiabin, Zhang Jingcheng, Hu Yin, Yang Ying, Huang Youhua, Qin Qiwei	Fish & Shellfish Immunology	2017,(60):33-43	3.148	1
20	Molecular cloning and functional analysis of tumor necrosis factor receptor-associated factor 6 (TRAF6) in <i>Crossostrea gigas</i>	Fan Mao, Jun Li , Yuehuan Zhang , Zhiming Xiang, Yang Zhang*, Ziniu Yu*	Fish Shellfish Immunology	2017,68:37-45	3.148	1
21	A molluscan extracellular signal-regulated kinase is involved in host response to immune challenges in vivo and in vitro	Fufa Qu, Zhiming Xiang* , Jun Li, Shu Xiao, Fan Mao, Yanping Qin, Yingli Zhou, Haitao Ma, Ziniu Yu*	Fish Shellfish Immunology	2017,62:311-319	3.148	1
22	Steroid bioaccumulation profiles in typical freshwater aquaculture environments of South China and their human health risks via fish consumption	Liu Shan, Xu, Xiang-Rong*, Qi Zhan-Hui, Chen Hui, Hao Qin-Wei, Hu, Yong-Xia, Zhao Jian-Liang, Ying Guang-Guo	Environmental Pollution	2017,228:72-81	5.099	2T
23	The simultaneous uptake of dietary and waterborne Cd in gastrointestinal tracts of marine yellowstripe goby <i>Mugilogobius chulae</i>	Zhiqiang Guo, Na Gao, Yun Wu, Li Zhang*	Environmental Pollution	2017,223,31-41	5.099	2T
24	Three classes of steroids in typical freshwater aquaculture farms: Comparison to marine aquaculture farms	Liu Shan, Chen Hui, Xu Xiang-Rong*, Zhao Jian-Liang, Ying Guang-Guo	Science of the Total Environment	2017,609:942-950	4.9	2T
25	Prey-specific determination of arsenic bioaccumulation and transformation in a marine benthic fish	Wei Zhang, Li Zhang, Wen-Xiong Wang*	Science of the Total Environment	2017, 586, 296-303	4.9	2T
26	Distribution of picoplankton in the northeastern South China Sea with special reference to the effects of the Kuroshio intrusion and the associated mesoscale eddies	Jiajun Li, Xin Jiang, Gang Li, Zhiyou Jing, Linbin Zhou, Zhixin Ke, Yehui Tan*	Science of The Total Environment	2017,(589):1-10	4.9	2T
27	Sediment microbes mediate the impact of nutrient loading on blue carbon sequestration by mixed seagrass meadows	Songlin Liu, Zhijian Jiang, Jingping Zhang, YunchaoWu, Xiaoping Huang*, Peter I. Macreadie	Science of The Total Environment	2017,599-600:1479-1484	4.9	2T

28	Organophosphorus flame retardants in mangrove sediments from the Pearl River Estuary, South China	Hu Yong-Xia, Sun Yu-Xin*, Li Xiao, Xu Wei-Hai, Zhang Ying, Luo Xiao-Jun, Dai Shou-Hui, Xu Xiang-Rong*, Mai Bi-Xian	Chemosphere	2017,181:433-439	4.208	2T
29	Effects of salinity and copper co-exposure on copper bioaccumulation in marine rabbitfish <i>Siganus oramin</i>	Yanyan Zhou, Wei Zhang, Zhiqiang Guo, Li Zhang*	Chemosphere	2017,168:491-500	4.208	2T
30	Identification and Characterization of a Biosynthetic Gene Cluster for Tryptophan Dimers in Deep Sea-Derived <i>Streptomyces</i> sp. SCSIO 03032	Liang Ma+, Wenjun Zhang, Yiguang Zhu, Guangtao Zhang, Haibo Zhang, Qingbo Zhang, Liping Zhang, Chengshan Yuan, Changsheng Zhang*	Applied Microbiology and Biotechnology	2017,101(15):6123-36	3.42	2T
31	Seasonal fluctuations of ichthyoplankton assemblage in the northeastern South China Sea influenced by the Kuroshio intrusion	Delian Huang, Xia Zhang, Zhijian Jiang, Jingping Zhang, Iman Arbi, Xin Jiang, Xiaoping Huang*, and Wenjing Zhang	Journal of Geophysical Research: Oceans	2017,122(9):7253-7266	2.939	2T
32	Seasonal distribution of seahorses employing a social reproductive strategy and supporting for a closed fishing	Geng Qin, Yanhong Zhang, Adeljean L. F. C. Ho, Yuan Zhang, Qiang Lin*	ICES Journal of Marine Science	2017,74(8):2170-2179	2.76	2T
33	Temporal dynamics in clearance rate of the Portuguese oyster <i>Crassostrea angulata</i> cultivated in Dapeng Cove, southern China	Yu Zonghe, Zhou Yi, Qi Zhanhui, Luo Peng, Hu Chaoqun*	Aquaculture	2017,479:824-828	2.57	2T
34	Assessment of parental contribution to fast- and slow-growth progenies in the blunt snout bream ( <i>Megalobrama amblycephala</i> ) based on parentage assignment	Wei Luo, Weimin Wang, Shimin Wan, Qiang Lin, Zexia Gao*	Aquaculture	2017,472:23-29	2.57	2T
35	Performance evaluation of reciprocal hybrids derived from the two brackish oysters, <i>Crassostrea hongkongensis</i> and <i>Crassostrea sikamea</i> in southern China	Yuehuan Zhang†, Jun Lit, Yang Zhang, Haitao Ma, Shu Xiao, Zhiming Xiang, Ziniu Yu*	Aquaculture	2017,473:310-316	2.57	2T
36	Draft genome of the lined seahorse, <i>Hippocampus erectus</i>	Qiang Lin, Ying Qiu+, Ruobo Gu+, Meng Xu5+, Jia Li3+, Chao Bian+, Huixian Zhang, Geng Qin, Yanhong Zhang, Wei Luo, Jieming Chen, Xinxin You3, Mingjun Fan, Min Sun, Pao Xu, Byrappa Venkatesh, Junming Xu*, Hongtuo Fu* and Qiong Shi*	GigaScience	2017,6:1-6	6.871	2

37	Microbiome dynamics in early life stages of the scleractinian coral <i>Acropora gemmifera</i> in response to elevated pCO <sub>2</sub>	Guowei Zhou† Lin Cai† Tao Yuan, Renmao Tian, Haoya Tong, Weipeng Zhang, Lei Jiang, Minglan Guo, Sheng Liu, Pei-Yuan Qian* and Hui Huang*	Environmental Microbiology	2017,19(8):3342–3352	5.395	2
38	Dissemination and loss of a biofilm-related genomic island in marine <i>Pseudoalteromonas</i> mediated by integrative and conjugative elements	Pengxia Wang, Zhenshun Zeng, Weiquan Wang, Zhongling Wen, Jie Li and Xiaoxue Wang*	Environmental Microbiology	2017, 19(11), 4620–4637	5.395	2
39	Development of an Efficient Protein Extraction Method Compatible with LC-MS/MS for Proteome Mapping in Two Australian Seagrasses <i>Zostera muelleri</i> and <i>Posidonia australis</i>	Zhijian Jiang+, Manoj Kumar+*, Matthew P. Padula, Mathieu Pernice, Tim Kahlke, Mikael Kim, Peter J. Ralph	Frontiers in Plant Science	2017,8:(1416)	4.291	2
40	Biofilm Formation and Heat Stress Induce Pyomelanin Production in Deep-Sea <i>Pseudoalteromonas</i> sp. SM9913	Zhenshun Zeng+, Xingsheng Cai+, Pengxia Wang, Yunxue Guo, Xiaoxiao Liu, Baiyuan Li1 and Xiaoxue Wang	Frontiers in microbiology	2017,8:(1822)	4.076	2
41	MqsR/MqsA Toxin/Antitoxin System Regulates Persistence and Biofilm Formation in <i>Pseudomonas putida</i> KT2440	Chenglong Sun, Yunxue Guo, Kaihao Tang, Zhongling Wen, Baiyuan Li, Zhenshun Zeng, Xiaoxue Wang*	Frontiers in microbiology	2017,8:(840)	4.076	2
42	Diversity and Structure of Diazotrophic Communities in Mangrove Rhizosphere, Revealed by High-Throughput Sequencing	Yanying Zhang, Qingsong Yang, Juan Ling, Joy D. Van Nostrand, Zhou Shi, Jizhong Zhou, Junde Dong*	Frontiers in microbiology	2017,8:(2032)	4.076	2
43	Interactive effects of nitrogen and light on growth rates and RUBISCO content of small and large centric diatoms	Li Gang, Douglas A. Campbell*	Photosynthesis Research	2017,131(1):93-103	3.864	2
44	Impact of diurnal temperature fluctuations on larval settlement and growth of the reef coral <i>Pocillopora damicornis</i>	Lei Jiang, You-Fang Sun, Yu-Yang Zhang, Guo-Wei Zhou, Xiu-Bao Li, Laurence McCook, Jian-Sheng Lian, Xin-Ming Lei, Sheng Liu, Lin Cai, Pei-Yuan Qian, Hui Huang*	Biogeosciences	2017,14:5741–5752	3.851	2
45	Identification and utilization of two important transporters: SgvT1 and SgvT2, for griseoviridin and viridigrisein biosynthesis in <i>Streptomyces griseoviridis</i>	Yunchang Xie, Junying Ma, Xiangjing Qin, Qinglian Li and Jianhua Ju*	Microbial Cell Factories	2017,16:177	3.681	2

46	Pyomelanin from <i>Pseudoalteromonas lipolytica</i> reduces biofouling	Zhenshun Zeng+, Xing-Pan Guo+, Xingsheng Cai, Pengxia Wang, Baiyuan Li, Jin-Long Yang* and Xiaoxue Wang*	Microbial biotechnology	2017,10(6):1718-1731	3.513	2
47	Comparative study of Rhodamine B degradation by the systems pyrite/H <sub>2</sub> O <sub>2</sub> and pyrite/persulfate: Reactivity, stability, products and mechanism	Diao Zeng-Hui, Liu Jin-Jun, Hu Yong-Xia, Kong Ling-Jun, Jiang Dan, Xu, Xiang-Rong*	Separation and Purification Technology	2017,184:374-383	3.359	2
48	Ochracenes A–I, Humulane-Derived Sesquiterpenoids from the Antarctic Fungus <i>Aspergillus ochraceopetaliformis</i>	Junfeng Wang, Weijun He, Fandong Kong, Xinpeng Tian, Pei Wang, Xiaojiang Zhou, * and Yonghong Liu*	Journal of Natural Products	2017,80(6):1725-1733	3.281	2
49	Antimicrobial Spirotetronate Metabolites from Marine-Derived <i>Micromonospora harpali</i> SCSIO GJ089	Chun Gui, Shanwen Zhang, Xiangcheng Zhu, Wenjuan Ding, Hongbo Huang, Yu-Cheng Gu, Yanwen Duan, Jianhua Ju*	Journal of Natural Products	2017,80(5):1594-1603	3.281	2
50	Amino Acid Conjugated Anthraquinones from the Marine-Derived Fungus <i>Penicillium</i> sp. SCSIO sof101	Minghe Luo, Zhaomeng Cui, Hongbo Huang, Xianqin Song, Aijun Sun, Yongjun Dang, Laichun Lu*, Jianhua Ju*	Journal of Natural Products	2017,80(5):1668-1673	3.281	2
51	Antitubercular Marine Natural Products	Lishu Wang, Jungfeng Wang, Juan Liu, Yonghong Liu*.	Current Medicinal Chemistry	2017,24:1-25	3.249	2
52	DNA barcoding reflects the diversity and variety of brooding traits of fish species in the family Syngnathidae along China' s coast	Yanhong Zhang, Geng Qin, Huixian Zhang, Xin Wang, Qiang Lin*	Fisheries Research	2017,185:137-144	2.185	2
53	A bacterial infection by <i>Vibrio harveyi</i> causing the heavy reduction of the cultured lined seahorse	Geng Qin, Xin Wang, Shuwen Tan, Qiang Lin*	Journal of Fish Diseases	2017,40:601-605	2.138	2
54	Metagenomic analysis reveals a green sulfur bacterium as a potential coral symbiont	Lin Cai†, Guowei Zhou†, Ren-Mao Tian, Haoya Tong, Weipeng Zhang, Jin Sun, Wei Ding, Yue Him Wong James Y. Xie, Jian-Wen Qiu , Sheng Liu, Hui Huang* & Pei-Yuan Qian*	Scientific Reports	2017,7:9320	4.259	3
55	Temperature shapes coral-algal symbiosis in the South China Sea	Haoya Tong, Lin Cai, Guowei Zhou, Tao Yuan, Weipeng Zhang, Renmao Tian, Hui Huang*& Pei-Yuan Qian*	Scientific Reports	2017,7:40118	4.259	3

56	Penicillium B, a novel sesquiterpene methylcyclopentenedione from a deep sea-derived <i>Penicillium</i> strain with renoprotective activities	Xiuping Lin+, Qinyu Wu+, Yuying Yu, Zhi Liang, Yonghong Liu, Lili Zhou*, Lan Tang* & Xuefeng Zhou*	Scientific Reports	2017,7:10757	4.259	3
57	Unusual Inner-Salt Guaiazulene Alkaloids and bis-Sesquiterpene from the South China Sea Gorgonian <i>Muriceides collaris</i>	Pinglin Li+, Xiaoling Liu+, Hongyan Zhu+, Xuli Tang, Xuefeng Shi, Yonghong Liu* & Guoqiang Li*	Scientific Reports	2017,7:7697	4.259	3
58	Isobenzofuranones and isochromenones from the deep-sea derived fungus <i>Leptosphaeria</i> sp. SCSIO 41005	Xiaowei Luo, Xiuping Lin, Limbadri Salendra, Xiaoyan Pang, Yu Dai, Bin Yang, Juan Liu, Junfeng Wang, Xuefeng Zhou*; Yonghong, Liu*.	Marine Drugs	2017,15(7):204	3.503	3
59	Brevianamides and mycophenolic acid derivatives from the Deep-sea-derived Fungus <i>Penicillium brevicompactum</i> DFFSCS025	Xinya Xu, Xiaoyong Zhang, Xuhua Nong, Jie Wang, and Shuhua Qi	Marine Drugs	2017,15(2):doi:10.3390/md15020043	3.503	3
60	Antifouling Compounds from Marine Invertebrates	Shu-Hua Qi*, Xuan Ma	Marine Drugs	2017,15(263):doi:10.3390/md15090263	3.503	3
61	The complete mitochondrial genome of <i>Pseudaesopia japonica</i> (Pleuronectiformes: Soleidae)	Si Lizhen#, Gong li#, Shiwei, Yang Min, Kong Xiaoyu*	Mitochondrial DNA A DNA Mapping, Sequencing, and Analysis	2017,28(1):129-130	3.37	3
62	The complete mitochondrial genome of <i>Pseudorhombus dupliocellatus</i> (Pleuronectiformes: Paralichthyidae)	Si Lizhen, Gong li, Shiwei, Yang Min, Kong Xiaoyu*	Mitochondrial DNA A DNA Mapping, Sequencing, and Analysis	2017,28(1):58-59	3.37	3
63	The complete mitochondrial genome sequence of <i>Brachirus orientalis</i> (Pleuronectiformes: Soleidae)	Shi Wei, Gong Li, Wang shuying, Kong Xiaoyu*	Mitochondrial DNA A DNA Mapping, Sequencing, and Analysis	2016,27(2):792-793	3.37	3

64	The complete mitochondrial genome of <i>Paraplagusia blochii</i> (Pleuronectiformes: Cynoglossidae)	Li Donghe#, Shi Wei#, Gong Li, Yang Min, Kong Xiaoyu*	Mitochondrial DNA A DNA Mapping, Sequencing, and Analysis	2016,27(1):92-93	3.37	3
65	The first invertebrate NFIL3 transcription factor with role in immune defense identified from the Hong Kong oyster, <i>Crassostrea</i>	Jun Li, Yang Zhang, Yuehuan Zhang, Fan Mao, Zhiming Xiang, Shu Xiao, Haitao Ma, Ziniu Yu*	Developmental and Comparative Immunology	2017,76:1-8	3.218	3
66	Halogenated organic pollutants in marine biota from the Xuande Atoll, South China Sea: Levels, biomagnification and dietary exposure	Sun Yu-Xin, Hu Yong-Xia, Zhang Zai-Wang, Xu Xiang-Rong*, Li Heng-Xiang, Zuo Lin-Zi, Zhong Yi, Sun Hong, Mai Bi-Xian	Marine Pollution Bulletin	2017,118(1-2):413-419	3.146	3
67	Characteristics of picoplankton abundances during a <i>Thalassiosira diporocyclus</i> bloom in the Taiwan Bank in late winter	Xin Jiang, Jiajun Li, Zhixin Ke, Chenhui Xiang, Yehui Tan, Liangmin Huang*	Marine Pollution Bulletin	2017,(117):66-74	3.146	3
68	Spatial distributions of $\delta^{13}C$ , $\delta^{15}N$ and C/N ratios in suspended particulate organic matter of a bay under serious anthropogenic influences: Daya Bay, China	Ke Zhixin, Tan Yehui*, Huang Liangmin, Zhao Chunyu, Jiang Xin	Marine Pollution Bulletin	2017,114:183-191	3.146	3
69	Benthic habitat health assessment using macrofauna communities of a sub-tropical semi-enclosed bay under excess nutrients	Iman Arbi, Jingping Zhang, Songlin Liu, Yunchao Wu, Xiaoping Huang*	Marine Pollution Bulletin	2017,119(2):39-49	3.146	3
70	Spatial and seasonal distributions of bacterioplankton in the Pearl River Estuary: The combined effects of riverine inputs, temperature, and phytoplankton	Jiajun Li, Xin Jiang, Zhiyou Jing, Gang Li, Zuozhi Chen, Linbin Zhou, Chunyu Zhao, Jiaying Liu, Yehui Tan	Marine Pollution Bulletin	2017,125:199-207	3.146	3
71	Effects of nutrient load on microbial activities within a seagrass-dominated ecosystem: Implications of changes in seagrass blue carbon	Songlin Liu, Zhijian Jiang, Yunchao Wu, Jingping Zhang, Iman Arbi, Feng Ye, Xiaoping Huang*, Peter Ian Macreadie	Marine Pollution Bulletin	2017,117:214-221	3.146	3
72	The porewater nutrient and heavy metal characteristics in sediment cores and their benthic fluxes in Daya Bay, South China	Zhixin Ni+, Ling Zhang+, Shuo Yu, Zhijian Jiang, Jingping Zhang, Yunchao Wu, Chunyu Zhao, Songlin Liu, Changhao Zhou, Xiaoping Huang*	Marine Pollution Bulletin	2017,124:547-554	3.146	3
73	Newly discovered seagrass beds and their potential for blue carbon in the coastal seas of Hainan Island, South China Sea	Jiang Zhijian+, Liu Songlin+, Zhang Jingping, Zhao Chunyu, Wu Yunchao, Yu Shuo, Zhang Xia, Huang Chi, Huang Xiaoping, Kumar Manoj	Marine Pollution Bulletin	2017, 125: 513-521	3.146	3



74	Tail-Anchored Inner Membrane Protein ElaB Increases Resistance to Stress While Reducing Persistence in <i>Escherichia coli</i>	Yunxue Guo, Xiaoxiao Liu, Baiyuan Li, Jianyun Yao, Thomas K. Wood, Xiaoxue Wang*	Journal of Bacteriology	2017,199(9):e00057-17	3.143	3
75	Effect of ocean acidification on growth, calcification, and gene expression in the pearl oyster, <i>Pinctada fucata</i>	Wen G. Liu, Xian D. Huang, Jian S. Lin and Mao X. He*	Marine Environmental Research	2017,130:174-180	3.101	3
76	Interaction of type IV toxin/antitoxin systems in cryptic prophages of Escherichia coli K-12	Zhongling Went†, PengxiaWang†, Chenglong Sun, Yunxue Guo and Xiaoxue Wang*	Toxins	2017,9:77	3.03	3
77	Chemometric analysis of N,N-dimethyl formamide-induced phytotoxicity in rice seedlings	Feng Yuxi, Yu Xiaozhang, Shen Pingping, Yue Dongming, Liang Yanpeng	International Biodeterioration & Biodegradation	2017,125:54-61	2.962	3
78	Production of quorum sensing signals by bacteria in the coral mucus layer,	Jie Li*, Weiqi kuang, Lijuan Long, Si Zhang.	Coral Reefs	2017, 36:1235-1241.	2.906	3
79	Relationship between nutrients and plankton biomass in the turbidity maximum zone of the Pearl River Estuary	Zhen Shi, Jie Xu, Xiaoping Huang*, Xia Zhang, Zhijian Jiang, Feng Ye, Ximei Liang	Journal of Environmental Sciences	2017,57:72-84	2.865	3
80	Identifying Natural synergist from Pongamia pinnata Using High-Speed Counter-Current Chromatography Combined with Isobolographic Analysis	Hao Yin, Yubai Wei, Rouwen Chen, Lijuan Long, Hang Yin, Xinpeng Tian	Molecules	2017,22(3):397	2.861	3
81	Transcriptomic analyses on muscle tissues of <i>Litopenaeus vannamei</i> provide the first profile insight into the response to low temperature stress	Huang Wen, Ren Chunhua, Li Hongmei, Huo Da, Wang Yanhong, Jiang Xiao, Tian Yushun, Luo Peng, Chen Ting*, Hu Chaoqun*	PLoS One	2017,12(6):e0178604	2.806	3
82	Molecular identification and functional characterization of a tumor necrosis factor (TNF) gene in <i>Crassostrea hongkongensis</i>	Fufa Qu, Zhiming Xiang*, Yang Zhang, Jun Li, Shu Xiao, Yuehuan Zhang, Yanping Qin, Yingli Zhou, Ziniu Yu*	Immunobiology	2017,222(5):751-758	2.72	3
83	Vaccinols J–S, ten new salicyloid derivatives from the marine mangrovederived endophytic fungus <i>Pestalotiopsis vaccinii</i>	Jun-Feng Wang, Rui Liang, Sheng-Rong Liao, Bin Yang, Zheng-Chao Tu, Xiu-Ping Lin, Bin-Gui Wang, Yonghong Liu*	Fitoterapia	2017,120:164-170	2.698	3

84	Structurally diverse secondary metabolites from a deep-sea-derived fungus <i>Penicillium chrysogenum</i> SCSIO 41001 and their biological evaluation	Shengtian Chen, Junfeng Wang, Zhen Wang, Xiuping Lin, Bingxin Zhao, Kumaravel Kaliaperumal, Xiaojian Liao, Zhengchao Tu, Jianlin Li, Shihai Xu*, Yonghong Liu*	Fitoterapia	2017,117:71-78	2.698	3
85	Neoabyssomicins A-C, polycyclic macrolactones from the deep-sea derived <i>Streptomyces koyangensis</i> SCSIO 5802	Yongxiang Song, Qinglian Li, Fengxiang Qin, Changli Sun, Hao Liang, Xiaoyi Wei, Nai-Kei Wong, Li Ye, Yun Zhang, Mingwei Shao, Jianhua Ju*	Tetrahedron	2017,73(36):5366-5372	2.651	3
86	Isolation, structure elucidation and biosynthesis of benzo[ <i>b</i> ]fluorene nenestatin A from deep-sea derived <i>Micromonospora echinospora</i> SCSIO 04089	Xiaodong Jiang*, Qingbo zhang, Yiguagn Zhu, Fangling Nie, Zhengchao Wu, Chunfang Yang, Liping Zhang, Xinpeng Tian, ChangshengZhang*	Tetrahedron	2017,73(26):3585-3590	2.651	3
87	Ring-contraction from benzo[ <i>b</i> ][1,4]thiazines to benzo[ <i>d</i> ]thiazolines induced by oxygen	Sheng-Rong Liao+, Yong Tang+, Liang Xu, Xue-Feng Zhou, Jun-Feng Wang, Bin Yang, Yong-Hong Liu*	Tetrahedron	2017,73:98-107	2.651	3
88	Diatom growth responses to photoperiod and light are predictable from diel reductant generation	Li Gang, Talmy D, Douglas A. Campbell*	Journal of Phycology	2017,53(1):95-107	2.608	3
89	Review Diversity of free-living marine ciliates (Alveolata, Ciliophora): Faunal studies in coastal waters of China during the years 2011-2016	刘炜炜+, Jiamei Jiang+, Yuan Xua+, Xuming Pan+, Zhishuai Qua+, Xiaotian Luo+, Hamed A. El-Serehy, Alan Warreng, Honggang Ma*, Hongbo Pan*	European Journal of Protistology	2017,61:424-438	2.581	3
90	Biochemical basis for hydrolysis of organophosphorus by a marine bacterial prolidase	Yunzhu Xiao+, Jian Yang+, Xinpeng Tian, Xiaoxue Wang, Jie Li, Si Zhang, Lijuan Long*	Process Biochemistry	2017,52:141-148	2.497	3
91	Anti-HSV-1, antioxidant and antifouling phenolic compounds from	Zhonghui Huang, Xuhua Nong, Ren Zhe, Jie Wang, Xiaoyong Zhang, Shuhua Qi*	Bioorganic & Medicinal Chemistry Letters	2017,27:787-791	2.454	3
92	The mitochondrial genome of a sea anemone <i>Bolocera</i> sp. exhibits novel genetic structures potentially involved in adaptation to the deep-sea environment	Bo Zhang, Yan-Hong Zhang, Xin Wang, Hui-Xian Zhang, Qiang Lin*	Ecology and Evolution	2017,7:4951-4962	2.44	3

93	A PDGF/VEGF homologue provides new insights into the nucleus grafting operation and immune response in the pearl oyster <i>Pinctada fucata</i>	Xian-De Huang, Guo-jian Wei, Mao-xian He*	Gene	2017,637:1-8	2.415	3
94	Antiviral peptides from marine gorgonian-derived fungus <i>Aspergillus</i> sp. SCSIO 41501	Xuan Ma, Xu-Hua Nong, Ren Zhe, Jie Wang, Xiao Liang, Lu Wang, Shu-Hua Qi	Tetrahedron Letter	2017,58:1151-1155	2.193	3
95	<i>Pelagibacterium lentulum</i> sp. nov., a marine bacterium from the culture broth of <i>Picochlorum</i> sp. 122	Guanghua Wang, Kefu Yu, Yinghui Wang, Hongfei Su, Hualian Wu, Tao Li, Jiayuan Liang, Wen Huang, Wenzhou Xiang*	International Journal of Systematic and Evolutionary Microbiology	2017,67:3182-3185	2.134	3
96	High dark carbon fixation in the tropical South China Sea	Wei-hua Zhou, Jian-zu Liao, Ya-juan Guo, Xiang-cheng Yuan*, Hui Huang, Tao Yuan, Sheng Liu	Continental Shelf Research	2017,146:82-88	2.064	3
97	Abiotic and biotic factors influencing nanoflagellate abundance and distribution in three different seasons in PRE, South China Sea	Xia Zhang, Zhen Shi, Xiaoping Huang*, Xiangfu Li	Continental Shelf Research	2017,143:1-8	2.064	3
98	Effects of seagrass leaf litter decomposition on sediment organic carbon composition and the key transformation processes	SongLin Liu, ZhiJian Jiang, YiQin Deng, YunChao Wu, ChunYu Zhao, JingPing Zhang, Yuan Shen, XiaoPing Huang	Science China Earth Sciences	2017, 60(12): 2018-2117	1.989	3
99	Identification and functional characterization of first alpha-2-macroglobulin in sea cucumbers	Qian Jing, Ren Chunhua, Chen Ting, Xia Jianjun, Yu Zonghe, Gao Yan, Hu Chaoqun*	Aquaculture Research	2017,48:2278-2290	1.461	3
100	Effects of intensive mariculture on the sediment environment as revealed by phytoplankton pigments in a semi-enclosed bay, South China Sea	Jiang Tao, Yu Zonghe*, Qi Zhanhui, Chai Chao, Qu Keming*	Aquaculture Research	2017,48:1923-1935	1.461	3
101	Incomplete sterility of hybrids produced by <i>Crassostrea hongkongensis</i> female 3 <i>Crassostrea gigas</i> male crosses	Yuehuan Zhang, Yang Zhang, Jun Li, Zhaoping Wang, Xiwu Yan, Ziniu Yu*	Aquaculture Research	2017,48:1351-1358	1.461	3
102	A comparative study of the survival, growth and gonad development of the diploid and triploid Hong Kong oyster, <i>Crassostrea hongkongensis</i> (Lam & Morton 2003)	Yuehuan Zhang†, Jun Li, †, Yanping Qin, Yangen Zhou, Yang Zhang, Ziniu Yu*	Aquaculture Research	2017,48:2453-2462	1.461	3

103	Survival and growth of reciprocal crosses between two stocks of the Hong Kong oyster <i>Crassostrea hongkongensis</i> (Lam & Morton, 2003) in southern China	Yuehuan Zhang <sup>†</sup> , Jiaqi Su <sup>†</sup> , Jun Li, Yang Zhang, Shu Xiao*, Ziniu Yu*	Aquaculture Research	2017,48:2344-2354	1.461	3
104	Cytotoxic rearranged angucycline glycosides from deep sea-derived <i>Streptomyces lusitanus</i> SCSIO LR32	Xiangcheng Zhu, Yanwen Duan, Zhaomeng Cui, Zhen Wang, Zengxia Li, Yun Zhang, Jianhua Ju, Hongbo Huang*	Journal of Antibiotics	2017,70(7):819-822	2.237	4
105	Aspergone, a new chromanone derivative from fungus <i>Aspergillus</i> sp. SCSIO41002 derived of mangrove soil sample	Bin Yang+, Huaming Tao+, Xiao-Chu Qin, Zhen Wang, Junde Dong, Xiuping Lin, Xuefeng Zhou, Jian-Lin Li, Zheng-Chao Tu & Yonghong Liu*	Journal of Antibiotics	2017,70:788-790.	2.237	4
106	Penicillenols from a deep-sea fungus <i>Aspergillus restrictus</i> inhibit <i>Candida albicans</i> biofilm formation and hyphal growth	Jie Wang, Qi-Feng Yao, Muhammad Amin, Xu-Hua Nong, Xiao-Yong Zhang and Shu-Hua Qi.	Journal of Antibiotics	2017,70:763-770	2.237	4
107	Differential mantle transcriptomics and characterization of growth-related genes in the diploid and triploid pearl oyster <i>Pinctada fucata</i>	Yunyan Guan, Maoxian He, HouboWu*	Marine Genomics	2017,(33):31-38	1.923	4
108	Antioxidant activity against H <sub>2</sub> O <sub>2</sub> -induced cytotoxicity of the ethanol extract and compounds from <i>Pyrola decorata</i> leaves.	Xiliang Yang*, Qingyun Peng, Qian Liu, Jie Hu, Zhipeng Tang, Lianjie Cui, Zonghao Lin, Bing Xu, Kuojian Lu, Fang Yang, Zhizheng Sheng, Qiong Yuan, Song Liu, Jiuliang Zhang and Xuefeng Zhou*	Pharmaceutical Biology	2017,55(1):1843-1848	1.916	4
109	Quinone/hydroquinone meroterpenoids with antitubercular and cytotoxic activities produced by the sponge-derived fungus <i>Gliomastix</i> sp. ZSDS1-F7	Wei-Jun He+, Xiao-Jiang Zhou+, Xiao-Chu Qin, Yong-Xin Mai, Xiu-Ping Lin, Sheng-Rong Liao, Bin Yang, Tianyu Zhang, Zheng-Chao Tu, Jun-Feng Wang* and Yonghong Liu*	Natural Product Research	2017,31(5):604-609	1.828	4
110	Penixanthonones A and B, two new xanthone derivatives from fungus <i>Penicillium</i> sp. SYFz-1 derived of mangrove soil sample	Huaming Tao, Xiaoyi Wei, Xiuping Lin, Xuefeng Zhou, Junde Dong & Bin Yang*	Natural Product Research	2017,31(19):2218-2222	1.828	4
111	Antituberculosis compounds from a deep-sea-derived fungus <i>Aspergillus</i> sp. SCSIO Ind09F01	Xiaowei Luo, Xuefeng Zhou, Xiuping Lin, Xiaochu Qin, Tianyu Zhang, Junfeng Wang, Zhengchao Tu, Bin Yang, Shengrong Liao, Yongqi Tian, Xiaoyan Pang, Kumaravel Kaliyaperumal, Jianlin Li, Huaming Tao*, Yonghong Liu	Natural Product Research	2017,31(16):1958-1962	1.828	4

112	Characterization of the distal-less homologue gene, Pfdlx, involved in regulating the expression of Pif in the pearl oyster, <i>Pinctada fucata</i>	Hua Zhang, Mi Zhao, Xuejie Yi, Zekui Ou, Yaoguo Li, Yu Shi*, Maoxian He*	Comparative Biochemistry and Physiology, Part B	2017,212:51-58	1.757	4
113	Molecular identification of an Insulin growth factor binding protein (IGFBP) is involve in endocrine function regulated by insulin-like peptide system of pearl oyster <i>Pinctada fucata</i>	Hua Zhang, Yu Shi, Maoxian He*	Comparative Biochemistry and Physiology, Part B	2017,214:27-35	1.757	4
114	Screening of anti-biofilm compounds from marine-derived fungi and the effects of secalonic acid D on Staphylococcus aureus biofilm	Jie Wang, Xu-Hua Nong, Xiao-Yong Zhang, Xin-Ya Xu, Muhammad Amin, Shu-Hua Qi,	Journal of Microbiology and Biotechnology	2017,27(6):1078-1089	1.75	4
115	New furanone derivatives and alkaloids from the co-culture of marine-derived fungi Aspergillus sclerotiorum and Penicillium citrinum	Jie Bao, Jie Wang, Xiao-Yong Zhang, Xu-Hua Nong, Shu-Hua Qi.	Chemistry & Biodiversity	2017,14(3),:10.1002/cb.dv.201600327	1.44	4
116	A minireplicon of plasmid pBMB26 represents a new typical replicon in the megaplasmids of Bacillus cereus group	Pengxia Wang, Yiguang Zhu, Hui Shang, Yun Deng, Ming Sun*	Journal of Basic Microbiology	2017,1-10	1.438	4
117	Morphological and molecular evidence of hybridization events between two congeneric oysters, Crassostrea hongkongensis and C. ariakensis, in southern China	Yuehuan Zhang, Yang Zhang, Jun Li, Ziniu Yu*	Journal of Molluscan Studies	2017,83:129-131	1.25	4
118	Comparative Characterization of Sequence Structure, Gene Expression, and Enzyme Activity of Alpha-2-macroglobulin between <i>Stichopus monotuberculatus</i> Stichopodidae) and <i>Holothuria atra</i> (Holothuriidae)	Qian Jing, Ren Chunhua, Xia Jianjun, Yu Zonghe, Hu Chaoqun*	Journal of the World Aquaculture Society	2017,48(2):360-373	1.015	4
119	Artificial breeding and culture of the crown-of-thorns starfish <i>Acanthaster planci</i> (Linnaeus, 1758) larvae in China	Tian Yushun, Yu Zonghe, Luo Peng*, Yun Long, Huang Wen, Hu Chaoqun, Huo Da, Li Huo	Invertebrate Reproduction & Development	2017:1-7	0.824	4
120	Bathyconchoecia incisa sp. Nov. (Myodocopa, Halocyprididae), A new species of ostracod from the neritic zone of the South China	Jian-Qiang Yin, Kai-Zhi Li and Ye-Hui Tan	Crustaceana	2017,90(1):35-48	0.748	4

121	Striking taxonomic differences in summer zooplankton in the northern South China Sea: implication of an extreme cold anomaly	Lian xiping, Tan yehui*, Huang liangmin, Zhou linbin	Acta Oceanologica Sinica	2017,36(10):87-96	0.73	4
122	Distribution of reactive aluminum under the influence of mesoscale eddies in the western South China Sea	Liu Jiaxing, Zhou Linbin, Tan Yehui, Wang Qiong, Hu Zifeng, Li Jiajun, Jiang Xin, Ke Zhixin*	Acta Oceanologica Sinica	2017,36(6):95-103	0.73	4
123	Correlation between Genome Methylation Level and Growth Trait of Pearl Oyster, <i>Pinctada fucata</i>	Yaoguo Li, Maoxian He*	Pakistan Journal of Zoology	2017,49(3):833-839	0.491	4
124	One Strain-Many Compounds Method for Production of Polyketide Metabolites Using the Sponge-Derived Fungus <i>Arthrinium arundinis</i> ZSDS1-F3	Yinglei Li, Junfeng Wang, Weijun He, Xiuping Lin, Xiaojiang Zhou, Yonghong Liu*	Chemistry of Natural Compounds	2017,53(2),373-374	0.46	4
125	Diversity and abundance of epipelagic larvaceans and calanoid copepods in the eastern equatorial Indian Ocean during the spring inter-monsoon	Kaizhi Li, Jianqiang Yin, Yehui Tan, Liangmin Huang, Gang Li	Indian Journal of Geo-Marine Sciences	2017,46(7):1371-1380	0.172	4
126	Reply to Johnson et al.: Functionally active cryptophyte cell membrane and cytoplasm indicate intact symbionts within <i>Mesodinium</i> .	Dajun Qiu, Lingxiao Lin, Senjie Lin*	PNAS	2017, 114(7):E1043-E1044	9.661	1
127	Characterization and Identification of Differentially Expressed Genes Involved in Thermal Adaptation of the Hong Kong Oyster <i>Crassostrea hongkongensis</i> by Digital Gene Expression Profiling	Jun Li †, Yuehuan Zhang †, Fan Mao, Ying Tong, Ying Liu, Yang Zhang* and Ziniu Yu*	Frontiers in Marine Science	2017, 4: 112		
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129	大亚湾沉积物磷的形态特征及其潜在可释放性	沈园, 张景平, 张霞, 刘松林, 黄小平*	海洋环境科学	2017,36(5):481-488		
130	溶解有机物的光降解及其对浮游细菌和浮游植物的影响	周伟华*, 廖健祖, 郭亚娟, 袁翔城, 黄晖, 刘胜, 李涛	海洋科学	2017,41(2),136-144		
131	凡纳滨对虾水孔蛋白-4的cDNA克隆及盐度胁迫对其肝胰腺mRNA表达水平的影响	高沿, 胡超群*, 任春华, 钱璟, 何香燕, 江晓, 黄文	海洋科学	2017,41(2):61-70		

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133	砗蚝( <i>Hippopus hippopus</i> )的人工繁育	张跃环, 肖述, 李军, 马海涛, 张扬, 向志明, 喻子牛*	海洋与湖沼	2017,48(5):1030-1035		
134	海草床沉积物储碳机制及其对富营养化的响应	刘松林, 江志坚, 吴云超, 张景平, 赵春宇, 黄小平*	科学通报	2017,62:3309-3318		
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136	长期高氨氮暴露对海水青鳉毒理效应的蛋白质组学研究	高娜, 朱丽梅, 于德良, 张黎*	热带海洋学报	2017,36,40-48		
137	铝对海洋固氮蓝藻 <i>Crocosphaera watsonii</i> 生长及固氮速率的影响	刘甲星, 周林滨, 柯志新, 李刚, 史荣君, 谭焯辉	热带海洋学报	2017,36(2):12-18		
138	珠江口浮游植物叶绿素a和初级生产力的季节变化及其影响因素	刘华健+, 黄良民, 谭焯辉, 柯志新*, 刘甲星, 赵春宇, 王军星	热带海洋学报	2017,,36(1),81-91		
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141	中国海塔螺科 Turridae 一新记录种 (软体动物门, 腹足纲, 新腹足目)	陈志云, 连喜平, 谭焯辉*	热带海洋学报	2017,36(1):92-94		
142	噬菌体基因组DNA快速提取方法	刘秋婷, 田雨顺, 云龙, 罗鹏*, 胡超群	热带生物学报	2017(2):232-235		
143	雷州半岛东南海域污损浮标的大型藻类	曹文浩, 严涛, 谢恩义*, 郑志平, 韩帅帅, 张慧, 陈迪	生态环境学报	2017,26(4):658-662		
144	污损性海鞘的生态特点及研究展望	严涛, 韩帅帅, 王建军, 林和山, 曹文浩	生态学报	2017,37(20):6647-6655		
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150	中国南海深海真菌 <i>Exophiala</i> sp. SCSIO 05791 次级代谢产物研究	罗小卫, 林秀萍, Limbadri Salendra, 庞小艳, 戴昱, 刘永宏*	天然产物研究与开发	2017,29(6):9 59-969		
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155	中国南海深海真菌 <i>Penicillium brocae</i> SCSIO 05793 的次级代谢产物研究	罗小卫, 林秀萍, 周雪峰, 庞小艳, Limbadri Salendra, 刘永宏*	中国海洋药物	2017,36(3):2 3-28		
156	乙二醇缩水甘油醚交联海藻酸钠-羧甲基纤维素钠固定化脂肪酶	徐珊, 李任强, 张继福, 张云, 孙爱君, 胡云峰*	中国生物工程杂志	2017,37(12), 77-83		
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162	红树林放线菌 <i>Streptomyces costaricanus</i> SCSIO ZS0073抗菌活性次级代谢产物的研究	宋现芹, 蒋鑫, 孙建彬, 张春燕, 张云, 卢来春, * 鞠建华*	天然产物研究与开发	2017,29: 410-414		
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