

Pei-Yuan Qian

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399 papers	13,383 citations	59 h-index	91 g-index
414 ext. papers	15,762 ext. citations	4.8 avg, IF	6.65 L-index

#	Paper	IF	Citations
399	Conservative fragments in bacterial 16S rRNA genes and primer design for 16S ribosomal DNA amplicons in metagenomic studies. <i>PLoS ONE</i> , 2009 , 4, e7401	3.7	709
398	Natural products as antifouling compounds: recent progress and future perspectives. <i>Biofouling</i> , 2010 , 26, 223-34	3.3	316
397	Inhibition of biofouling by marine microorganisms and their metabolites. <i>Biofouling</i> , 2006 , 22, 43-54	3.3	296
396	Marine biofilms as mediators of colonization by marine macroorganisms: implications for antifouling and aquaculture. <i>Marine Biotechnology</i> , 2007 , 9, 399-410	3.4	293
395	Sensitivity and correlation of hypervariable regions in 16S rRNA genes in phylogenetic analysis. <i>BMC Bioinformatics</i> , 2016 , 17, 135	3.6	246
394	Pyrosequencing reveals highly diverse and species-specific microbial communities in sponges from the Red Sea. <i>ISME Journal</i> , 2011 , 5, 650-64	11.9	213
393	Adaptation to deep-sea chemosynthetic environments as revealed by mussel genomes. <i>Nature Ecology and Evolution</i> , 2017 , 1, 121	12.3	160
392	Induction of larval settlement in the serpulid polychaete <i>Hydroides elegans</i> (Haswell): role of bacterial extracellular polymers. <i>Biofouling</i> , 2003 , 19, 197-204	3.3	159
391	Potent antifouling resorcylic acid lactones from the gorgonian-derived fungus <i>Cochliobolus lunatus</i> . <i>Journal of Natural Products</i> , 2011 , 74, 629-33	4.9	145
390	A <i>Pseudomonas</i> T6SS effector recruits PQS-containing outer membrane vesicles for iron acquisition. <i>Nature Communications</i> , 2017 , 8, 14888	17.4	139
389	Vertical stratification of microbial communities in the Red Sea revealed by 16S rDNA pyrosequencing. <i>ISME Journal</i> , 2011 , 5, 507-18	11.9	133
388	Mini-review: marine natural products and their synthetic analogs as antifouling compounds: 2009-2014. <i>Biofouling</i> , 2015 , 31, 101-22	3.3	132
387	Bacterial biosynthesis and maturation of the didemnin anti-cancer agents. <i>Journal of the American Chemical Society</i> , 2012 , 134, 8625-32	16.4	121
386	Effect of Bacteria Associated with the Green Alga <i>Ulva reticulata</i> on Marine Micro- and Macrofouling. <i>Biofouling</i> , 2002 , 18, 217-228	3.3	121
385	Species diversity and distribution for phytoplankton of the Pearl River estuary during rainy and dry seasons. <i>Marine Pollution Bulletin</i> , 2004 , 49, 588-96	6.7	116
384	Potent antifouling compounds produced by marine <i>Streptomyces</i> . <i>Bioresource Technology</i> , 2010 , 101, 1331-6	11	111
383	The effect of bacterial and diatom biofilms on the settlement of the bryozoan <i>Bugula neritina</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2004 , 313, 191-209	2.1	111

382	Larval settlement of polychaetes. <i>Hydrobiologia</i> , 1999 , 402, 239-253	2.4	111
381	Energy content at metamorphosis and growth rate of the early juvenile barnacle <i>Balanus amphitrite</i> . <i>Marine Biology</i> , 2003 , 143, 543-554	2.5	110
380	Antibacterial bisabolane-type sesquiterpenoids from the sponge-derived fungus <i>Aspergillus</i> sp. <i>Marine Drugs</i> , 2012 , 10, 234-41	6	94
379	Morphology and tenacity of the tube foot disc of three common European sea urchin species: a comparative study. <i>Biofouling</i> , 2006 , 22, 187-200	3.3	93
378	Particle-attached and free-living bacterial communities in a contrasting marine environment: Victoria Harbor, Hong Kong. <i>FEMS Microbiology Ecology</i> , 2007 , 61, 496-508	4.3	87
377	A distinctive epibiotic bacterial community on the soft coral <i>Dendronephthya</i> sp. and antibacterial activity of coral tissue extracts suggest a chemical mechanism against bacterial epibiosis. <i>FEMS Microbiology Ecology</i> , 2003 , 43, 337-47	4.3	87
376	Effect of wind events on phytoplankton blooms in the Pearl River estuary during summer. <i>Continental Shelf Research</i> , 2004 , 24, 1909-1923	2.4	87
375	Mini-review: Molecular mechanisms of antifouling compounds. <i>Biofouling</i> , 2013 , 29, 381-400	3.3	85
374	Discovery of marine <i>Bacillus</i> species by 16S rRNA and <i>rpoB</i> comparisons and their usefulness for species identification. <i>Journal of Microbiological Methods</i> , 2009 , 77, 48-57	2.8	85
373	Effect of culture conditions on mycelial growth, antibacterial activity, and metabolite profiles of the marine-derived fungus <i>Arthrinium</i> c.f. <i>saccharicola</i> . <i>Applied Microbiology and Biotechnology</i> , 2006 , 72, 1063-73	5.7	84
372	Novel antifoulants: inhibition of larval attachment by proteases. <i>Marine Biotechnology</i> , 2007 , 9, 388-97	3.4	80
371	The role of epibiotic bacteria from the surface of the soft coral <i>Dendronephthya</i> sp. in the inhibition of larval settlement. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004 , 299, 35-50	2.1	80
370	Spatial and species variations in bacterial communities associated with corals from the Red Sea as revealed by pyrosequencing. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 7173-84	4.8	79
369	Bacterial community succession and chemical profiles of subtidal biofilms in relation to larval settlement of the polychaete <i>Hydroides elegans</i> . <i>ISME Journal</i> , 2010 , 4, 817-28	11.9	79
368	Optimization of phthalic acid batch biodegradation and the use of modified Richards model for modelling degradation. <i>International Biodeterioration and Biodegradation</i> , 2004 , 53, 57-63	4.8	76
367	Directed natural product biosynthesis gene cluster capture and expression in the model bacterium <i>Bacillus subtilis</i> . <i>Scientific Reports</i> , 2015 , 5, 9383	4.9	75
366	Microbial diversity in polluted harbor sediments I: Bacterial community assessment based on four clone libraries of 16S rDNA. <i>Estuarine, Coastal and Shelf Science</i> , 2008 , 76, 668-681	2.9	75
365	Combined effects of temperature and salinity on larval development and attachment of the subtidal barnacle <i>Balanus trigonus</i> Darwin. <i>Journal of Experimental Marine Biology and Ecology</i> , 2003 , 287, 223-236	2.1	75

364	Larval settlement of the silver- or goldlip pearl oyster <i>Pinctada maxima</i> (Jameson) in response to natural biofilms and chemical cues. <i>Aquaculture</i> , 2003 , 220, 883-901	4.4	75
363	Ten new antifouling briarane diterpenoids from the South China Sea gorgonian <i>Junceella juncea</i> . <i>Tetrahedron</i> , 2006 , 62, 9123-9130	2.4	73
362	Diversity and quantity of ammonia-oxidizing Archaea and Bacteria in sediment of the Pearl River Estuary, China. <i>Applied Microbiology and Biotechnology</i> , 2011 , 90, 1137-45	5.7	72
361	Bacterial communities in PAH contaminated soils at an electronic-waste processing center in China. <i>Ecotoxicology</i> , 2010 , 19, 96-104	2.9	71
360	Integrated cultivation of the red alga <i>Kappaphycus alvarezii</i> and the pearl oyster <i>Pinctada martensi</i> . <i>Aquaculture</i> , 1996 , 147, 21-35	4.4	70
359	Antifouling and antibacterial polyketides from marine gorgonian coral-associated fungus <i>Penicillium</i> sp. SCSGAF 0023. <i>Journal of Antibiotics</i> , 2013 , 66, 219-23	3.7	69
358	Symbiotic adaptation drives genome streamlining of the cyanobacterial sponge symbiont "Candidatus <i>Synechococcus spongiarum</i> ". <i>MBio</i> , 2014 , 5, e00079-14	7.8	68
357	Evidence for vertical transmission of bacterial symbionts from adult to embryo in the Caribbean sponge <i>Svenzea zeai</i> . <i>Applied and Environmental Microbiology</i> , 2009 , 75, 6147-56	4.8	68
356	Effects of larval starvation and delayed metamorphosis on juvenile survival and growth of the tube-dwelling polychaete <i>Hydroides elegans</i> (Haswell). <i>Journal of Experimental Marine Biology and Ecology</i> , 1998 , 227, 169-185	2.1	68
355	Facilitation and inhibition of larval attachment of the bryozoan <i>Bugula neritina</i> in association with mono-species and multi-species biofilms. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006 , 333, 263-274	2.1	68
354	Antifouling and antibacterial compounds from the gorgonians <i>Subergorgia suberosa</i> and <i>Scripparia gracilis</i> . <i>Natural Product Research</i> , 2008 , 22, 154-66	2.3	67
353	<i>Owenweeksia hongkongensis</i> gen. nov., sp. nov., a novel marine bacterium of the phylum 'Bacteroidetes'. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 1051-1057	2.2	67
352	Antifouling and antibacterial compounds from a marine fungus <i>Cladosporium</i> sp. F14. <i>World Journal of Microbiology and Biotechnology</i> , 2009 , 25, 399-406	4.4	65
351	Optimal eukaryotic 18S and universal 16S/18S ribosomal RNA primers and their application in a study of symbiosis. <i>PLoS ONE</i> , 2014 , 9, e90053	3.7	64
350	Viruses and flagellates sustain apparent richness and reduce biomass accumulation of bacterioplankton in coastal marine waters. <i>Environmental Microbiology</i> , 2007 , 9, 3008-18	5.2	64
349	The effect of quorum-sensing blockers on the formation of marine microbial communities and larval attachment. <i>FEMS Microbiology Ecology</i> , 2007 , 60, 177-88	4.3	64
348	Induction of larval attachment and metamorphosis in the abalone <i>Haliotis diversicolor</i> (Reeve). <i>Journal of Experimental Marine Biology and Ecology</i> , 1998 , 223, 39-51	2.1	63
347	Divergent biosynthesis yields a cytotoxic aminomalonate-containing precolibactin. <i>Nature Chemical Biology</i> , 2016 , 12, 773-5	11.7	62

346	Analysis of Pacific oyster larval proteome and its response to high-CO ₂ . <i>Marine Pollution Bulletin</i> , 2012 , 64, 2160-7	6.7	62
345	Proteomic basis of stress responses in the gills of the pacific oyster <i>Crassostrea gigas</i> . <i>Journal of Proteome Research</i> , 2015 , 14, 304-17	5.6	61
344	Toward an understanding of the molecular mechanisms of barnacle larval settlement: a comparative transcriptomic approach. <i>PLoS ONE</i> , 2011 , 6, e22913	3.7	61
343	Effect of temperature, salinity and delayed attachment on development of the solitary ascidian <i>Styela plicata</i> (Lesueur). <i>Journal of Experimental Marine Biology and Ecology</i> , 2003 , 290, 133-146	2.1	61
342	Environmentally Friendly Antifouling Coatings Based on Biodegradable Polymer and Natural Antifoulant. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 6304-6309	8.3	60
341	Evaluation of terminal-restriction fragment length polymorphism analysis in contrasting marine environments. <i>FEMS Microbiology Ecology</i> , 2008 , 65, 169-78	4.3	59
340	High-throughput transcriptome sequencing of the cold seep mussel <i>Bathymodiolus platifrons</i> . <i>Scientific Reports</i> , 2015 , 5, 16597	4.9	58
339	Sponges and sediments as monitoring tools of metal contamination in the eastern coast of the Red Sea, Saudi Arabia. <i>Marine Pollution Bulletin</i> , 2011 , 62, 1140-6	6.7	58
338	Winogradskyella poriferorum sp. nov., a novel member of the family Flavobacteriaceae isolated from a sponge in the Bahamas. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 1589-1592	2.2	58
337	Fecundity and egg size are mediated by food quality in the polychaete worm <i>Capitella</i> sp.. <i>Journal of Experimental Marine Biology and Ecology</i> , 1991 , 148, 11-25	2.1	56
336	Aspergilones A and B, two benzylazaphilones with an unprecedented carbon skeleton from the gorgonian-derived fungus <i>Aspergillus</i> sp. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 690-3	2.9	55
335	The spatial and temporal distribution of heavy metals in sediments of Victoria Harbour, Hong Kong. <i>Marine Pollution Bulletin</i> , 2008 , 57, 816-25	6.7	55
334	Pharmacological induction of larval settlement and metamorphosis in the blue mussel <i>Mytilus edulis</i> L. <i>Biofouling</i> , 2003 , 19, 57-63	3.3	55
333	Onset and maintenance of metamorphic competence in the marine polychaete <i>Hydroides elegans</i> Haswell in response to three chemical cues. <i>Journal of Experimental Marine Biology and Ecology</i> , 1998 , 226, 51-74	2.1	54
332	Proteomic analysis of larvae during development, attachment, and metamorphosis in the fouling barnacle, <i>Balanus amphitrite</i> . <i>Proteomics</i> , 2008 , 8, 3164-72	4.8	54
331	Novel antifouling and antimicrobial compound from a marine-derived fungus <i>Ampelomyces</i> sp. <i>Marine Biotechnology</i> , 2006 , 8, 634-40	3.4	54
330	Draft Genome of <i>Scalindua rubra</i> , Obtained from the Interface Above the Discovery Deep Brine in the Red Sea, Sheds Light on Potential Salt Adaptation Strategies in Anammox Bacteria. <i>Microbial Ecology</i> , 2017 , 74, 1-5	4.4	53
329	Inter- and intraspecific variations of bacterial communities associated with marine sponges from san juan island, washington. <i>Applied and Environmental Microbiology</i> , 2009 , 75, 3513-21	4.8	53

- 328 The bioactivity of bacterial isolates in Hong Kong waters for the inhibition of barnacle (*Balanus amphitrite* Darwin) settlement. *Journal of Experimental Marine Biology and Ecology*, **2003**, 282, 43-60 2.1 53
- 327 Dysregulation of Intestinal Health by Environmental Pollutants: Involvement of the Estrogen Receptor and Aryl Hydrocarbon Receptor. *Environmental Science & Technology*, **2018**, 52, 2323-2330^{10.3} 52
- 326 Genomic analysis reveals versatile heterotrophic capacity of a potentially symbiotic sulfur-oxidizing bacterium in sponge. *Environmental Microbiology*, **2014**, 16, 3548-61 5.2 51
- 325 Presence of acyl-homoserine lactone in subtidal biofilm and the implication in larval behavioral response in the polychaete *Hydroides elegans*. *Microbial Ecology*, **2007**, 54, 384-92 4.4 51
- 324 *Loktanella hongkongensis* sp. nov., a novel member of the alpha-Proteobacteria originating from marine biofilms in Hong Kong waters. *International Journal of Systematic and Evolutionary Microbiology*, **2004**, 54, 2281-2284 2.2 50
- 323 Critical Intermediates Reveal New Biosynthetic Events in the Enigmatic Colibactin Pathway. *ChemBioChem*, **2015**, 16, 1715-9 3.8 49
- 322 2D gel-based proteome and phosphoproteome analysis during larval metamorphosis in two major marine biofouling invertebrates. *Journal of Proteome Research*, **2009**, 8, 2708-19 5.6 49
- 321 Quantitative analysis of oyster larval proteome provides new insights into the effects of multiple climate change stressors. *Global Change Biology*, **2016**, 22, 2054-68 11.4 48
- 320 Five new amicoumacins isolated from a marine-derived bacterium *Bacillus subtilis*. *Marine Drugs*, **2012**, 10, 319-28 6 48
- 319 Effect of starvation on energy reserves and metabolism in the Northern abalone, *Haliotis kamtschatkana*. *Aquaculture*, **1993**, 118, 315-325 4.4 48
- 318 Marine biofilms constitute a bank of hidden microbial diversity and functional potential. *Nature Communications*, **2019**, 10, 517 17.4 47
- 317 Biosynthetic multitasking facilitates thalassospiramide structural diversity in marine bacteria. *Journal of the American Chemical Society*, **2013**, 135, 1155-62 16.4 47
- 316 Microbial sulfur cycle in two hydrothermal chimneys on the Southwest Indian Ridge. *MBio*, **2014**, 5, e00980-13 9.13 47
- 315 First proteome of the egg perivitelline fluid of a freshwater gastropod with aerial oviposition. *Journal of Proteome Research*, **2012**, 11, 4240-8 5.6 47
- 314 Indole alkaloids from marine-derived fungus *Aspergillus sydowii* SCSIO 00305. *Journal of Antibiotics*, **2012**, 65, 109-11 3.7 47
- 313 Antifeedant, antibacterial, and antilarval compounds from the South China Sea seagrass *Enhalus acoroides*. *Botanica Marina*, **2008**, 51, 1.8 47
- 312 Antibacterial and antilarval-settlement potential and metabolite profiles of novel sponge-associated marine bacteria. *Journal of Industrial Microbiology and Biotechnology*, **2009**, 36, 1047-56 4.2 46
- 311 Isolation of bacterial metabolites as natural inducers for larval settlement in the marine polychaete *Hydroides elegans* (Haswell). *Journal of Chemical Ecology*, **2002**, 28, 2029-43 2.7 46

310	Phylogeny, evolution and mitochondrial gene order rearrangement in scale worms (Aphroditiformia, Annelida). <i>Molecular Phylogenetics and Evolution</i> , 2018 , 125, 220-231	4.1	44
309	Inhibitory effects of a branched-chain fatty acid on larval settlement of the polychaete <i>Hydroides elegans</i> . <i>Marine Biotechnology</i> , 2009 , 11, 495-504	3.4	44
308	Rapid transcriptome and proteome profiling of a non-model marine invertebrate, <i>Bugula neritina</i> . <i>Proteomics</i> , 2010 , 10, 2972-81	4.8	44
307	Relationship between cyprid energy reserves and metamorphosis in the barnacle <i>Balanus amphitrite</i> Darwin (Cirripedia; Thoracica). <i>Journal of Experimental Marine Biology and Ecology</i> , 2002 , 280, 79-93	2.1	44
306	Review on Molecular Mechanisms of Antifouling Compounds: An Update since 2012. <i>Marine Drugs</i> , 2017 , 15,	6	43
305	Comparative safety of the antifouling compound butenolide and 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one (DCOIT) to the marine medaka (<i>Oryzias melastigma</i>). <i>Aquatic Toxicology</i> , 2014 , 149, 116-25	5.1	43
304	Larval settlement and metamorphosis in the slipper limpet <i>Crepidula onyx</i> (Sowerby) in response to conspecific cues and the cues from biofilm. <i>Journal of Experimental Marine Biology and Ecology</i> , 2002 , 269, 39-51	2.1	41
303	Transcriptomic analysis of neuropeptides and peptide hormones in the barnacle <i>Balanus amphitrite</i> : evidence of roles in larval settlement. <i>PLoS ONE</i> , 2012 , 7, e46513	3.7	41
302	Rare Events of Intragenus and Intraspecies Horizontal Transfer of the 16S rRNA Gene. <i>Genome Biology and Evolution</i> , 2015 , 7, 2310-20	3.9	40
301	Understanding the regulation of estivation in a freshwater snail through iTRAQ-based comparative proteomics. <i>Journal of Proteome Research</i> , 2013 , 12, 5271-80	5.6	39
300	Comparative proteome and phosphoproteome analyses during cyprid development of the barnacle <i>Balanus</i> (=Amphibalanus) <i>amphitrite</i> . <i>Journal of Proteome Research</i> , 2010 , 9, 3146-57	5.6	39
299	Settlement of the serpulid polychaete <i>Hydroides elegans</i> (Haswell) on the arborescent bryozoan <i>Bugula neritina</i> (L.): evidence of a chemically mediated relationship. <i>Journal of Experimental Marine Biology and Ecology</i> , 1998 , 220, 171-190	2.1	39
298	Description of <i>Fabibacter halotolerans</i> gen. nov., sp. nov. and <i>Roseivirga spongicola</i> sp. nov., and reclassification of [<i>Marinicola</i>] <i>seohaensis</i> as <i>Roseivirga seohaensis</i> comb. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 1059-1065	2.2	39
297	Chemical control of bacterial epibiosis and larval settlement of <i>Hydroides elegans</i> in the red sponge <i>Mycale adherens</i> . <i>Biofouling</i> , 2003 , 19 Suppl, 171-80	3.3	39
296	Discovery of cationic nonribosomal peptides as Gram-negative antibiotics through global genome mining. <i>Nature Communications</i> , 2018 , 9, 3273	17.4	38
295	First study on gene expression of cement proteins and potential adhesion-related genes of a membranous-based barnacle as revealed from Next-Generation Sequencing technology. <i>Biofouling</i> , 2014 , 30, 169-81	3.3	38
294	Butenolide inhibits marine fouling by altering the primary metabolism of three target organisms. <i>ACS Chemical Biology</i> , 2012 , 7, 1049-58	4.9	38
293	Molecular adaptation in the world's deepest-living animal: Insights from transcriptome sequencing of the hadal amphipod <i>Hirondellea gigas</i> . <i>Molecular Ecology</i> , 2017 , 26, 3732-3743	5.7	37

292	Antifouling activity of secondary metabolites isolated from chinese marine organisms. <i>Marine Biotechnology</i> , 2013 , 15, 552-8	3.4	37
291	Significance of Trophic Transfer in Predicting the High Concentration of Zinc in Barnacles. <i>Environmental Science & Technology</i> , 1999 , 33, 2905-2909	10.3	37
290	Effects of diet type on the demographics of Capitella sp. (Annelida: Polychaeta): lecithotrophic development vs. planktotrophic development. <i>Journal of Experimental Marine Biology and Ecology</i> , 1992 , 157, 159-179	2.1	37
289	The deep-sea glass sponge Lophophysema eversa harbours potential symbionts responsible for the nutrient conversions of carbon, nitrogen and sulfur. <i>Environmental Microbiology</i> , 2016 , 18, 2481-94	5.2	37
288	Macrocytic colibactin induces DNA double-strand breaks via copper-mediated oxidative cleavage. <i>Nature Chemistry</i> , 2019 , 11, 880-889	17.6	37
287	Four new antibacterial xanthenes from the marine-derived actinomycetes Streptomyces caelestis. <i>Marine Drugs</i> , 2012 , 10, 2571-83	6	36
286	Antibiotic resistance and plasmid profile of environmental isolates of Vibrio species from Mai Po Nature Reserve, Hong Kong. <i>Ecotoxicology</i> , 2006 , 15, 371-8	2.9	36
285	Effect of the physiological condition of cyprids and laboratory-mimicked seasonal conditions on the metamorphic successes of Balanus amphitrite Darwin (Cirripedia; Thoracica). <i>Journal of Experimental Marine Biology and Ecology</i> , 2002 , 274, 65-74	2.1	36
284	Preferential attachment of barnacle larvae to natural multi-species biofilms: Does surface wettability matter?. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008 , 361, 36-41	2.1	35
283	Microbial diversity in polluted harbor sediments II: Sulfate-reducing bacterial community assessment using terminal restriction fragment length polymorphism and clone library of dsrAB gene. <i>Estuarine, Coastal and Shelf Science</i> , 2008 , 76, 682-691	2.9	34
282	Signatures of Divergence, Invasiveness, and Terrestrialization Revealed by Four Apple Snail Genomes. <i>Molecular Biology and Evolution</i> , 2019 , 36, 1507-1520	8.3	33
281	iTRAQ-based proteomic profiling of the barnacle Balanus amphitrite in response to the antifouling compound meleagrin. <i>Journal of Proteome Research</i> , 2013 , 12, 2090-100	5.6	33
280	Flavone and isoflavone derivatives of terrestrial plants as larval settlement inhibitors of the barnacle Balanus amphitrite. <i>Biofouling</i> , 2009 , 25, 69-76	3.3	33
279	Study of monocyte membrane proteome perturbation during lipopolysaccharide-induced tolerance using iTRAQ-based quantitative proteomic approach. <i>Proteomics</i> , 2010 , 10, 2780-9	4.8	33
278	Effect of biofilm formation by Pseudoalteromonas spongiae on induction of larval settlement of the polychaete Hydroides elegans. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 6284-8	4.8	33
277	Comparison of nutrients release among some maricultured animals. <i>Aquaculture</i> , 2001 , 200, 305-316	4.4	33
276	Chronic Exposure of Marine Medaka (Oryzias melastigma) to 4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (DCOIT) Reveals Its Mechanism of Action in Endocrine Disruption via the Hypothalamus-Pituitary-Gonadal-Liver (HPGL) Axis. <i>Environmental Science & Technology</i> , 2016 , 50, 4492-501	10.3	33
275	Influence of bacteria and diatoms in biofilms on metamorphosis of the marine slipper limpet Crepidula onyx. <i>Marine Biology</i> , 2007 , 151, 1417-1431	2.5	32

274	Low-Toxicity Diindol-3-ylmethanes as Potent Antifouling Compounds. <i>Marine Biotechnology</i> , 2015 , 17, 624-32	3.4	3 ¹
273	Species sorting during biofilm assembly by artificial substrates deployed in a cold seep system. <i>Scientific Reports</i> , 2014 , 4, 6647	4.9	3 ¹
272	Sinulariols A8, 19-oxygenated cembranoids from the Chinese soft coral <i>Sinularia rigida</i> . <i>Tetrahedron</i> , 2011 , 67, 6018-6029	2.4	3 ¹
271	Evidence for the dynamics of Acyl homoserine lactone and AHL-producing bacteria during subtidal biofilm formation. <i>ISME Journal</i> , 2009 , 3, 296-304	11.9	3 ¹
270	Temperature shapes coral-algal symbiosis in the South China Sea. <i>Scientific Reports</i> , 2017 , 7, 40118	4.9	3 ⁰
269	Hepatic proteomic responses in marine medaka (<i>Oryzias melastigma</i>) chronically exposed to antifouling compound butenolide [5-octylfuran-2(5H)-one] or 4,5-dichloro-2-N-octyl-4-isothiazolin-3-one (DCOIT). <i>Environmental Science & Technology</i> , 2015 , 49, 1851-8	10.3	3 ⁰
268	Hydrothermally generated aromatic compounds are consumed by bacteria colonizing in Atlantis II Deep of the Red Sea. <i>ISME Journal</i> , 2011 , 5, 1652-9	11.9	3 ⁰
267	Antibacterial and antilarval compounds from marine bacterium <i>Pseudomonas rhizosphaerae</i> . <i>Annals of Microbiology</i> , 2009 , 59, 229-233	3.2	3 ⁰
266	Effects of delayed settlement on survival, growth, and reproduction in the spionid polychaete, <i>Polydora ligni</i> . <i>Invertebrate Reproduction and Development</i> , 1990 , 18, 147-152	0.7	3 ⁰
265	Extracellular matrix-associated proteins form an integral and dynamic system during <i>Pseudomonas aeruginosa</i> biofilm development. <i>Frontiers in Cellular and Infection Microbiology</i> , 2015 , 5, 40	5.9	2 ⁹
264	Larval vision contributes to gregarious settlement in barnacles: adult red fluorescence as a possible visual signal. <i>Journal of Experimental Biology</i> , 2014 , 217, 743-50	3	2 ⁹
263	Antibiotic and antifouling compound production by the marine-derived fungus <i>Cladosporium</i> sp. F14. <i>Journal of Hydro-Environment Research</i> , 2009 , 2, 264-270	2.3	2 ⁹
262	Effect of culture conditions on antifouling compound production of a sponge-associated fungus. <i>Applied Microbiology and Biotechnology</i> , 2007 , 74, 1221-31	5.7	2 ⁹
261	<i>Gramella portivictoriae</i> sp. nov., a novel member of the family Flavobacteriaceae isolated from marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 2497-2500	2.2	2 ⁹
260	Brom the Nature for the Nature—An Eco-Friendly Antifouling Coating Consisting of Poly(lactic acid)-Based Polyurethane and Natural Antifoulant. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 1671-1678	8.3	2 ⁹
259	The Scaly-foot Snail genome and implications for the origins of biomineralised armour. <i>Nature Communications</i> , 2020 , 11, 1657	17.4	2 ⁸
258	Characterization of two 20kDa-cement protein (cp20k) homologues in <i>Amphibalanus amphitrite</i> . <i>PLoS ONE</i> , 2013 , 8, e64130	3.7	2 ⁸
257	Two antimycin A analogues from marine-derived actinomycete <i>Streptomyces lusitanus</i> . <i>Marine Drugs</i> , 2012 , 10, 668-76	6	2 ⁸

256	Changes in the proteome and phosphoproteome expression in the bryozoan <i>Bugula neritina</i> larvae in response to the antifouling agent butenolide. <i>Proteomics</i> , 2010 , 10, 3435-46	4.8	28
255	Characterization of proteolytic bacteria from the Aleutian deep-sea and their proteases. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2007 , 34, 63-71	4.2	28
254	Adrenoceptor compounds prevent the settlement of marine invertebrate larvae: <i>Balanus amphitrite</i> (Cirripedia), <i>Bugula neritina</i> (Bryozoa) and <i>Hydroides elegans</i> (Polychaeta). <i>Biofouling</i> , 2004 , 20, 313-21	3.3	28
253	Effect of food quantity on growth and reproductive characteristics of <i>Capitella</i> sp. (Annelids: Polychaeta). <i>Invertebrate Reproduction and Development</i> , 1994 , 26, 175-185	0.7	28
252	In situ environment rather than substrate type dictates microbial community structure of biofilms in a cold seep system. <i>Scientific Reports</i> , 2014 , 4, 3587	4.9	27
251	Molecular cloning and immune responsive expression of a novel C-type lectin gene from bay scallop <i>Argopecten irradians</i> . <i>Fish and Shellfish Immunology</i> , 2008 , 25, 231-8	4.3	27
250	Cypris habitat selection facilitated by microbial films influences the vertical distribution of subtidal barnacle <i>Balanus trigonus</i> . <i>Microbial Ecology</i> , 2006 , 51, 431-40	4.4	27
249	<i>Shewanella irciniae</i> sp. nov., a novel member of the family Shewanellaceae, isolated from the marine sponge <i>Ircinia dendroides</i> in the Bay of Villefranche, Mediterranean Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 2871-2877	2.2	27
248	Toxic effects of copper on larval development of the barnacle <i>Balanus amphitrite</i> . <i>Marine Pollution Bulletin</i> , 2005 , 51, 688-93	6.7	27
247	Effects of the duration and timing of starvation during larval life on the metamorphosis and initial juvenile size of the polychaete <i>Hydroides elegans</i> (Haswell). <i>Journal of Experimental Marine Biology and Ecology</i> , 2001 , 261, 185-197	2.1	27
246	Proteomic changes in brain tissues of marine medaka (<i>Oryzias melastigma</i>) after chronic exposure to two antifouling compounds: butenolide and 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one (DCOIT). <i>Aquatic Toxicology</i> , 2014 , 157, 47-56	5.1	26
245	Structural optimization and evaluation of butenolides as potent antifouling agents: modification of the side chain affects the biological activities of compounds. <i>Biofouling</i> , 2012 , 28, 857-64	3.3	26
244	2D gel-based multiplexed proteomic analysis during larval development and metamorphosis of the biofouling polychaete tubeworm <i>Hydroides elegans</i> . <i>Journal of Proteome Research</i> , 2010 , 9, 4851-60	5.6	26
243	The regulatory role of the NO/cGMP signal transduction cascade during larval attachment and metamorphosis of the barnacle <i>Balanus</i> (=Amphibalanus) <i>amphitrite</i> . <i>Journal of Experimental Biology</i> , 2012 , 215, 3813-22	3	26
242	Protein expression during the embryonic development of a gastropod. <i>Proteomics</i> , 2010 , 10, 2701-11	4.8	26
241	<i>Stenothermobacter spongiae</i> gen. nov., sp. nov., a novel member of the family Flavobacteriaceae isolated from a marine sponge in the Bahamas, and emended description of <i>Nonlabens tegetincola</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 181-5	2.2	26
240	Life histories of the Harpacticoida (Copepoda, Crustacea): a comparison with meiofauna and macrofauna. <i>Journal of Natural History</i> , 2004 , 38, 1725-1734	0.5	26
239	Genomic, transcriptomic, and proteomic insights into the symbiosis of deep-sea tubeworm holobionts. <i>ISME Journal</i> , 2020 , 14, 135-150	11.9	26

238	Potent Antifouling Marine Dihydroquinolin-2(1H)-one-Containing Alkaloids from the Gorgonian Coral-Derived Fungus Scopulariopsis sp. <i>Marine Biotechnology</i> , 2015 , 17, 408-15	3.4	25
237	Resistance to nonribosomal peptide antibiotics mediated by D-stereospecific peptidases. <i>Nature Chemical Biology</i> , 2018 , 14, 381-387	11.7	25
236	Correlation between pigmentation and larval settlement deterrence by <i>Pseudoalteromonas</i> sp. sf57. <i>Biofouling</i> , 2011 , 27, 287-93	3.3	25
235	Diversity and functional responses of nitrogen-fixing microbes to three wetland invasions. <i>Biological Invasions</i> , 2009 , 11, 225-239	2.7	25
234	Adaptation and evolution of deep-sea scale worms (Annelida: Polynoidae): insights from transcriptome comparison with a shallow-water species. <i>Scientific Reports</i> , 2017 , 7, 46205	4.9	24
233	Degradation kinetics of a potent antifouling agent, butenolide, under various environmental conditions. <i>Chemosphere</i> , 2015 , 119, 1075-1083	8.4	24
232	Quantitative proteomics study of larval settlement in the Barnacle <i>Balanus amphitrite</i> . <i>PLoS ONE</i> , 2014 , 9, e88744	3.7	24
231	Effect of copper treatment on the composition and function of the bacterial community in the sponge <i>Haliclona cymaeformis</i> . <i>MBio</i> , 2014 , 5, e01980	7.8	24
230	Proteomic response of marine invertebrate larvae to ocean acidification and hypoxia during metamorphosis and calcification. <i>Journal of Experimental Biology</i> , 2013 , 216, 4580-9	3	24
229	<i>Marinomonas ostreistagni</i> sp. nov., isolated from a pearl-oyster culture pond in Sanya, Hainan Province, China. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 2271-2275	2.2	24
228	Antifouling properties of 10beta-formamidokalihinol-A and kalihinol A isolated from the marine sponge <i>Acanthella cavernosa</i> . <i>Biofouling</i> , 2006 , 22, 23-32	3.3	24
227	Molecular phylogeny and species identification of pufferfish of the genus <i>Takifugu</i> (Tetraodontiformes, Tetraodontidae). <i>Marine Biotechnology</i> , 2001 , 3, 398-406	3.4	24
226	Acute toxicity of the antifouling compound butenolide in non-target organisms. <i>PLoS ONE</i> , 2011 , 6, e23803	3.7	24
225	Post-translational modifications are enriched within protein functional groups important to bacterial adaptation within a deep-sea hydrothermal vent environment. <i>Microbiome</i> , 2016 , 4, 49	16.6	24
224	Genome-wide discovery of single nucleotide polymorphisms (SNPs) and single nucleotide variants (SNVs) in deep-sea mussels: Potential use in population genomics and cross-species application. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017 , 137, 318-326	2.3	23
223	Genome Reduction and Microbe-Host Interactions Drive Adaptation of a Sulfur-Oxidizing Bacterium Associated with a Cold Seep Sponge. <i>MSystems</i> , 2017 , 2,	7.6	23
222	Pyrosequencing reveals the microbial communities in the Red Sea sponge <i>Carteriospongia foliascens</i> and their impressive shifts in abnormal tissues. <i>Microbial Ecology</i> , 2014 , 68, 621-32	4.4	23
221	Autotrophic microbe metagenomes and metabolic pathways differentiate adjacent Red Sea brine pools. <i>Scientific Reports</i> , 2013 , 3, 1748	4.9	23

220	Development of a marine subtidal epibiotic community in Hong Kong: implications for deployment of artificial reefs. <i>Biofouling</i> , 2003 , 19, 37-46	3.3	23
219	Larval development as influenced by food limitation in two polychaetes: Capitella sp. and Polydora ligni Webster. <i>Journal of Experimental Marine Biology and Ecology</i> , 1993 , 166, 93-105	2.1	23
218	High-throughput transcriptome sequencing reveals the combined effects of key e-waste contaminants, decabromodiphenyl ether (BDE-209) and lead, in zebrafish larvae. <i>Environmental Pollution</i> , 2016 , 214, 324-333	9.3	23
217	Anti-biofilm effect of a butenolide/polymer coating and metatranscriptomic analyses. <i>Biofouling</i> , 2018 , 34, 111-122	3.3	22
216	De novo transcriptome assembly and positive selection analysis of an individual deep-sea fish. <i>BMC Genomics</i> , 2018 , 19, 394	4.5	22
215	Preparation, Structure, and Potent Antifouling Activity of Sclerotioramine Derivatives. <i>Marine Biotechnology</i> , 2017 , 19, 372-378	3.4	22
214	Evidence for the involvement of p38 MAPK activation in barnacle larval settlement. <i>PLoS ONE</i> , 2012 , 7, e47195	3.7	22
213	Adaptation of intertidal biofilm communities is driven by metal ion and oxidative stresses. <i>Scientific Reports</i> , 2013 , 3, 3180	4.9	22
212	Poly-ethers from Winogradskyella poriferorum: Antifouling potential, time-course study of production and natural abundance. <i>Bioresource Technology</i> , 2011 , 102, 7532-7	11	22
211	Identification of a C-type lectin from the bay scallop Argopecten irradians. <i>Molecular Biology Reports</i> , 2009 , 36, 1167-73	2.8	22
210	Response of bacterioplankton community structures to hydrological conditions and anthropogenic pollution in contrasting subtropical environments. <i>FEMS Microbiology Ecology</i> , 2009 , 69, 449-60	4.3	22
209	Proteomic analysis during larval development and metamorphosis of the spionid polychaete Pseudopolydora vexillosa. <i>Proteome Science</i> , 2009 , 7, 44	2.6	22
208	New Steroids and a New Alkaloid from the Gorgonian Isis minorbrachyblasta: Structures, Cytotoxicity, and Antilarval Activity. <i>Helvetica Chimica Acta</i> , 2010 , 93, 511-516	2	22
207	Selective attraction and reproductive performance of a harpacticoid copepod in a response to biofilms. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007 , 341, 228-238	2.1	22
206	Influences of metal-ligand complexes on the cadmium and zinc biokinetics in the marine bacterium, Bacillus firmus. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 131-7	3.8	22
205	Lishizhenia caseinilytica gen. nov., sp. nov., a marine bacterium of the phylum Bacteroidetes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 2317-2322	2.2	22
204	Marinobacter xestospongiae sp. nov., isolated from the marine sponge Xestospongia testudinaria collected from the Red Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 1980-1985	2.2	22
203	Diversity and distribution of eukaryotic microbes in and around a brine pool adjacent to the Thuwal cold seeps in the Red Sea. <i>Frontiers in Microbiology</i> , 2014 , 5, 37	5.7	21

202	Biokinetics of cadmium and zinc in a marine bacterium: influences of metal interaction and pre-exposure. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 1794-801	3.8	21
201	Resting stages of <i>Tortanus forcipatus</i> (Crustacea, Calanoida) in sediments of Victoria Harbor, Hong Kong. <i>Estuarine, Coastal and Shelf Science</i> , 2006 , 67, 562-568	2.9	21
200	Effects of salinity on spawning and early development of the tube-building polychaete <i>Hydroides elegans</i> in Hong Kong: not just the sperm's fault?. <i>Biological Bulletin</i> , 2007 , 212, 151-60	1.5	21
199	<i>Fangia hongkongensis</i> gen. nov., sp. nov., a novel gammaproteobacterium of the order Thiotrichales isolated from coastal seawater of Hong Kong. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 2665-2669	2.2	21
198	Antifouling diketopiperazines produced by a deep-sea bacterium, <i>Streptomyces fungicidicus</i> . <i>Biofouling</i> , 2006 , 22, 201-8	3.3	21
197	Antifouling indole alkaloids from two marine derived fungi. <i>Natural Product Communications</i> , 2013 , 8, 329-32	0.9	21
196	Identification of Molecular Targets for 4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (DCOIT) in Teleosts: New Insight into Mechanism of Toxicity. <i>Environmental Science & Technology</i> , 2017 , 51, 1840-1847	10.3	20
195	Proteomic response of methicillin-resistant <i>S. aureus</i> to a synergistic antibacterial drug combination: a novel erythromycin derivative and oxacillin. <i>Scientific Reports</i> , 2016 , 6, 19841	4.9	20
194	Synchronized dynamics of bacterial niche-specific functions during biofilm development in a cold seep brine pool. <i>Environmental Microbiology</i> , 2015 , 17, 4089-104	5.2	20
193	Quantitative proteomics identify molecular targets that are crucial in larval settlement and metamorphosis of <i>Bugula neritina</i> . <i>Journal of Proteome Research</i> , 2011 , 10, 349-60	5.6	20
192	Morphological Plasticity and Resource Allocation in Response to Food Limitation and Hyposalinity in a Sea Urchin. <i>Journal of Shellfish Research</i> , 2009 , 28, 383-388	1	20
191	Effect of aging on reproduction in a marine polychaete <i>Capitella</i> sp.. <i>Journal of Experimental Marine Biology and Ecology</i> , 1992 , 156, 23-38	2.1	20
190	Microbiome dynamics in early life stages of the scleractinian coral <i>Acropora gemmifera</i> in response to elevated pCO. <i>Environmental Microbiology</i> , 2017 , 19, 3342-3352	5.2	19
189	Toward understanding the dynamics of microbial communities in an estuarine system. <i>PLoS ONE</i> , 2014 , 9, e94449	3.7	19
188	Chemical constituents of soft coral <i>Sarcophyton infundibuliforme</i> from the South China Sea. <i>Biochemical Systematics and Ecology</i> , 2011 , 39, 853-856	1.4	19
187	Phosphoproteome analysis during larval development and metamorphosis in the spionid polychaete <i>Pseudopolydora vexillosa</i> . <i>BMC Developmental Biology</i> , 2011 , 11, 31	3.1	19
186	Copper affects biofilm inductiveness to larval settlement of the serpulid polychaete <i>Hydroides elegans</i> (Haswell). <i>Biofouling</i> , 2010 , 26, 119-28	3.3	19
185	<i>Erythrobacter pelagi</i> sp. nov., a member of the family Erythrobacteraceae isolated from the Red Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 1348-1353	2.2	19

184	Involvement of a novel p38 mitogen-activated protein kinase in larval metamorphosis of the polychaete <i>Hydroides elegans</i> (Haswell). <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2010 , 314, 390-402	1.8	19
183	Is inorganic nutrient enrichment a driving force for the formation of red tides?: A case study of the dinoflagellate <i>Scrippsiella trochoidea</i> in an embayment. <i>Harmful Algae</i> , 2008 , 8, 54-59	5.3	19
182	Determination of paralytic shellfish toxins in dinoflagellate <i>Alexandrium tamarense</i> by using isotachopheresis/capillary electrophoresis. <i>Journal of Separation Science</i> , 2006 , 29, 399-404	3.4	19
181	<i>Gillisia myxillae</i> sp. nov., a novel member of the family Flavobacteriaceae, isolated from the marine sponge <i>Myxilla incrustans</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 1795-1799	2.2	19
180	Effect of meiofauna on macrofauna recruitment: settlement inhibition of the polychaete <i>Hydroides elegans</i> by the harpacticoid copepod <i>Tisbe japonica</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2004 , 311, 47-61	2.1	19
179	A bacterial culture-independent method to investigate chemically mediated control of bacterial epibiosis in marine invertebrates by using TRFLP analysis and natural bacterial populations. <i>FEMS Microbiology Ecology</i> , 2004 , 47, 93-9	4.3	19
178	Do effects of ultraviolet radiation on microbial films have indirect effects on larval attachment of the barnacle <i>Balanus amphitrite</i> ?. <i>Journal of Experimental Marine Biology and Ecology</i> , 2005 , 323, 16-26	2.1	19
177	<i>Pseudoalteromonas spongiae</i> sp. nov., a novel member of the gamma-Proteobacteria isolated from the sponge <i>Mycale adhaerens</i> in Hong Kong waters. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 1593-1596	2.2	19
176	Involvement of Wnt signaling pathways in the metamorphosis of the bryozoan <i>Bugula neritina</i> . <i>PLoS ONE</i> , 2012 , 7, e33323	3.7	19
175	Genomic and Transcriptomic Evidence for Carbohydrate Consumption among Microorganisms in a Cold Seep Brine Pool. <i>Frontiers in Microbiology</i> , 2016 , 7, 1825	5.7	19
174	Molecular techniques revealed highly diverse microbial communities in natural marine biofilms on polystyrene dishes for invertebrate larval settlement. <i>Microbial Ecology</i> , 2014 , 68, 81-93	4.4	18
173	<i>Profundibacterium mesophilum</i> gen. nov., sp. nov., a novel member in the family Rhodobacteraceae isolated from deep-sea sediment in the Red Sea, Saudi Arabia. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 1007-1012	2.2	18
172	Analysis of RNA polymerase beta subunit (<i>rpoB</i>) gene sequences for the discriminative power of marine <i>Vibrio</i> species. <i>Microbial Ecology</i> , 2009 , 58, 679-91	4.4	18
171	Antibacterial and antilarval activity of deep-sea bacteria from sediments of the West Pacific Ocean. <i>Biofouling</i> , 2007 , 23, 131-7	3.3	18
170	Effects of food availability on larval development in the slipper limpet <i>Crepidula onyx</i> (Sowerby). <i>Journal of Experimental Marine Biology and Ecology</i> , 2003 , 294, 219-233	2.1	18
169	<i>Nonlabens tegetincola</i> gen. nov., sp. nov., a novel member of the family Flavobacteriaceae isolated from a microbial mat in a subtropical estuary. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 2279-2283	2.2	18
168	Jellyfish genomes reveal distinct homeobox gene clusters and conservation of small RNA processing. <i>Nature Communications</i> , 2020 , 11, 3051	17.4	17
167	Deep sequencing of <i>Myxilla</i> (<i>Ectyomyxilla</i>) <i>methanophila</i> , an epibiotic sponge on cold-seep tubeworms, reveals methylotrophic, thiotrophic, and putative hydrocarbon-degrading microbial associations. <i>Microbial Ecology</i> , 2013 , 65, 450-61	4.4	17

166	Expression of calmodulin and myosin light chain kinase during larval settlement of the Barnacle <i>Balanus amphitrite</i> . <i>PLoS ONE</i> , 2012 , 7, e31337	3.7	17
165	The mode of action of isocyanide in three aquatic organisms, <i>Balanus amphitrite</i> , <i>Bugula neritina</i> and <i>Danio rerio</i> . <i>PLoS ONE</i> , 2012 , 7, e45442	3.7	17
164	Genetic diversity and temporal variation of the marine <i>Synechococcus</i> community in the subtropical coastal waters of Hong Kong. <i>Canadian Journal of Microbiology</i> , 2009 , 55, 311-8	3.2	17
163	The role of sediment organic matter composition in larval habitat selection by the polychaete <i>Capitella</i> sp. I. <i>Journal of Experimental Marine Biology and Ecology</i> , 2005 , 323, 70-83	2.1	17
162	Pyrosequencing revealed shifts of prokaryotic communities between healthy and disease-like tissues of the Red Sea sponge <i>Crella cyathophora</i> . <i>PeerJ</i> , 2015 , 3, e890	3.1	17
161	Optimization of antifouling coatings incorporating butenolide, a potent antifouling agent via field and laboratory tests. <i>Progress in Organic Coatings</i> , 2017 , 109, 22-29	4.8	16
160	Nearest vent, dearest friend: biodiversity of Tiancheng vent field reveals cross-ridge similarities in the Indian Ocean. <i>Royal Society Open Science</i> , 2020 , 7, 200110	3.3	16
159	Alkaloids and sesquiterpenes from the South China Sea gorgonian <i>Echinogorgia pseudossapo</i> . <i>Marine Drugs</i> , 2011 , 9, 2479-87	6	16
158	An improved barnacle attachment inhibition assay. <i>Biofouling</i> , 2008 , 24, 259-66	3.3	16
157	Assessment of microbial dynamics in the Pearl River Estuary by 16S rRNA terminal restriction fragment analysis. <i>Continental Shelf Research</i> , 2004 , 24, 1925-1934	2.4	16
156	Effects of UV, H ₂ O ₂ and Fe ³⁺ on the Growth of Four Environmental Isolates of <i>Aeromonas</i> and <i>Vibrio</i> Species from a Mangrove Environment. <i>Microbes and Environments</i> , 2004 , 19, 163-171	2.6	16
155	Endocrine Disruption throughout the Hypothalamus-Pituitary-Gonadal-Liver (HPGL) Axis in Marine Medaka (<i>Oryzias latipes</i>) Chronically Exposed to the Antifouling and Chemopreventive Agent, 3,3'-Diindolylmethane (DIM). <i>Chemical Research in Toxicology</i> , 2016 , 29, 1020-8	4	16
154	Transcriptome analysis elucidates key developmental components of bryozoan lophophore development. <i>Scientific Reports</i> , 2014 , 4, 6534	4.9	15
153	A high-resolution LC-MS-based secondary metabolite fingerprint database of marine bacteria. <i>Scientific Reports</i> , 2014 , 4, 6537	4.9	15
152	Population genetic structure of the deep-sea mussel s (<i>Bivalvia</i> : <i>Mytilidae</i>) in the Northwest Pacific. <i>Evolutionary Applications</i> , 2018 , 11, 1915-1930	4.8	15
151	Metagenomic analysis reveals a green sulfur bacterium as a potential coral symbiont. <i>Scientific Reports</i> , 2017 , 7, 9320	4.9	15
150	Chemical Component and Proteomic Study of the Amphibalanus (= <i>Balanus</i>) amphitrite Shell. <i>PLoS ONE</i> , 2015 , 10, e0133866	3.7	15
149	Polybrominated diphenyl ethers (PBDEs) alter larval settlement of marine intertidal organisms across three phyla via reducing bacterial abundance on the biofilms. <i>Environmental Science & Technology</i> , 2012 , 46, 7772-81	10.3	15

148	MKK3 was involved in larval settlement of the barnacle <i>Amphibalanus amphitrite</i> through activating the kinase activity of p38MAPK. <i>PLoS ONE</i> , 2013 , 8, e69510	3.7	15
147	Dependency on de novo protein synthesis and proteomic changes during metamorphosis of the marine bryozoan <i>Bugula neritina</i> . <i>Proteome Science</i> , 2010 , 8, 25	2.6	15
146	Consistent bacterial community structure associated with the surface of the sponge <i>Mycale adhaerens bowerbank</i> . <i>Microbial Ecology</i> , 2006 , 52, 693-707	4.4	15
145	<i>Thalassococcus halodurans</i> gen. nov., sp. nov., a novel halotolerant member of the Roseobacter clade isolated from the marine sponge <i>Halichondria panicea</i> at Friday Harbor, USA. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 1919-1924	2.2	15
144	Marine natural products as antifouling molecules - a mini-review (2014-2020). <i>Biofouling</i> , 2020 , 36, 1210-1226	3.3	15
143	Genome Reduction in Species within the Gut of an Amphipod from the Ocean's Deepest Point. <i>MSystems</i> , 2018 , 3,	7.6	14
142	Bio-assembled nanocomposites in conch shells exhibit giant electret hysteresis. <i>Advanced Materials</i> , 2013 , 25, 711-8	24	14
141	Differential expression of proteins and phosphoproteins during larval metamorphosis of the polychaete <i>Capitella</i> sp. I. <i>Proteome Science</i> , 2011 , 9, 51	2.6	14
140	The effect of butenolide on behavioral and morphological changes in two marine fouling species, the barnacle <i>Balanus amphitrite</i> and the bryozoan <i>Bugula neritina</i> . <i>Biofouling</i> , 2011 , 27, 467-75	3.3	14
139	Differential timing of larval starvation effects on filtration rate and growth in juvenile <i>Crepidula onyx</i> . <i>Marine Biology</i> , 2008 , 154, 91-98	2.5	14
138	Antifouling phenyl ethers and other compounds from the invertebrates and their symbiotic fungi collected from the South China Sea. <i>AMB Express</i> , 2016 , 6, 102	4.1	14
137	Metagenomic Analysis of Zinc Surface-Associated Marine Biofilms. <i>Microbial Ecology</i> , 2019 , 77, 406-416	4.4	14
136	Host-Endosymbiont Genome Integration in a Deep-Sea Chemosymbiotic Clam. <i>Molecular Biology and Evolution</i> , 2021 , 38, 502-518	8.3	14
135	Relationship between metal and polybrominated diphenyl ether (PBDE) body burden and health risks in the barnacle <i>Balanus amphitrite</i> . <i>Marine Pollution Bulletin</i> , 2015 , 100, 383-392	6.7	13
134	Season structures prokaryotic partners but not algal symbionts in subtropical hard corals. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 4963-4973	5.7	13
133	Exploring coral microbiome assemblages in the South China Sea. <i>Scientific Reports</i> , 2018 , 8, 2428	4.9	13
132	Mechanism of action of thalassospiramides, a new class of calpain inhibitors. <i>Scientific Reports</i> , 2015 , 5, 8783	4.9	13
131	Characterization and expression of calmodulin gene during larval settlement and metamorphosis of the polychaete <i>Hydroides elegans</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2012 , 162, 113-9	2.3	13

130	Impact of diurnal temperature fluctuations on larval settlement and growth of the reef coral <i>Pocillopora damicornis</i>. <i>Biogeosciences</i> , 2017 , 14, 5741-5752	4.6	12
129	The vertical distribution of prokaryotes in the surface sediment of Jiaolong cold seep at the northern South China Sea. <i>Extremophiles</i> , 2018 , 22, 499-510	3	12
128	Caspase-3-dependent apoptosis of citreomicin induced HeLa cells is associated with reactive oxygen species generation. <i>Chemical Research in Toxicology</i> , 2013 , 26, 1055-63	4	12
127	Reversible anti-settlement activity against Amphibalanus (=Balanus) amphitrite, Bugula neritina, and Hydroides elegans by a nontoxic pharmaceutical compound, mizolastine. <i>Biofouling</i> , 2009 , 25, 739-47	3.3	12
126	Cyclic AMP concentration and protein kinase A (PKA) gene expression at different developmental stages of the polychaete Hydroides elegans. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2008 , 310, 417-27	1.8	12
125	Delta-proteobacterial SAR324 group in hydrothermal plumes on the South Mid-Atlantic Ridge. <i>Scientific Reports</i> , 2016 , 6, 22842	4.9	12
124	Rational design of new cyclic analogues of the antimicrobial lipopeptide tridecaptin A. <i>Chemical Communications</i> , 2018 , 54, 10634-10637	5.8	12
123	Diurnally Fluctuating CO Modifies the Physiological Responses of Coral Recruits Under Ocean Acidification. <i>Frontiers in Physiology</i> , 2018 , 9, 1952	4.6	11
122	Transcriptome and quantitative proteome analysis reveals molecular processes associated with larval metamorphosis in the polychaete Pseudopolydora vexillosa. <i>Journal of Proteome Research</i> , 2013 , 12, 1344-58	5.6	11
121	Temperature-Driven Local Acclimatization of Hosted by the Coral at Hainan Island, China. <i>Frontiers in Microbiology</i> , 2017 , 8, 2487	5.7	11
120	Comparative glycoproteome analysis: dynamics of protein glycosylation during metamorphic transition from Pelagic to Benthic life stages in three invertebrates. <i>Journal of Proteome Research</i> , 2012 , 11, 1330-40	5.6	11
119	Effects of poly-ether B on proteome and phosphoproteome expression in biofouling Balanus amphitrite cyprids. <i>Biofouling</i> , 2012 , 28, 405-15	3.3	11
118	Response of cyprid specific genes to natural settlement cues in the barnacle Balanus (= Amphibalanus) amphitrite. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010 , 389, 45-52	2.1	11
117	Analysing energy content: a new micro-assay and an assessment of the applicability of acid dichromate assays. <i>Hydrobiologia</i> , 1998 , 390, 141-151	2.4	11
116	Potential roles of succinic acid against colonization by a tubeworm. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007 , 349, 1-11	2.1	11
115	Draft genome of an Aerophobetes bacterium reveals a facultative lifestyle in deep-sea anaerobic sediments. <i>Science Bulletin</i> , 2016 , 61, 1176-1186	10.6	11
114	Changes in microbial communities, photosynthesis and calcification of the coral Acropora gemmifera in response to ocean acidification. <i>Scientific Reports</i> , 2016 , 6, 35971	4.9	11
113	The deepest mitochondrial genome sequenced from Mariana Trench (Amphipoda). <i>Mitochondrial DNA Part B: Resources</i> , 2016 , 1, 802-803	0.5	11

112	Increased temperature mitigates the effects of ocean acidification on the calcification of juvenile <i>Pocillopora damicornis</i> , but at a cost. <i>Coral Reefs</i> , 2018 , 37, 71-79	4.2	11
111	Chemical constituents of the Gorgonian <i>Dichotella fragilis</i> (Ridleg) from the South China Sea. <i>Natural Product Communications</i> , 2011 , 6, 1239-42	0.9	11
110	Cochliomycin A inhibits the larval settlement of <i>Amphibalanus amphitrite</i> by activating the NO/cGMP pathway. <i>Biofouling</i> , 2016 , 32, 35-44	3.3	10
109	Transcriptome and proteome dynamics in larvae of the barnacle <i>Balanus Amphitrite</i> from the Red Sea. <i>BMC Genomics</i> , 2015 , 16, 1063	4.5	10
108	Effects of TAG/DNA ratio and age of cyprids on post-metamorphic growth and survival in the barnacle <i>Balanus amphitrite</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2003 , 83, 83-88	1.1	10
107	Drift-pump and drift-net—two devices for the collection of bottom-near drifting biota. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004 , 301, 29-37	2.1	10
106	The effect of co-cultivation on the pearl yield of <i>Pinctada martensi</i> (Dumker). <i>Aquaculture</i> , 2003 , 221, 347-356	4.4	10
105	Recruitment of barnacles into empty adult tests. <i>Journal of Experimental Marine Biology and Ecology</i> , 1990 , 142, 63-74	2.1	10
104	Bacterial niche-specific genome expansion is coupled with highly frequent gene disruptions in deep-sea sediments. <i>PLoS ONE</i> , 2011 , 6, e29149	3.7	10
103	Toward understanding barnacle cementing by characterization of one cement protein-100kDa in <i>Amphibalanus amphitrite</i> . <i>Biochemical and Biophysical Research Communications</i> , 2018 , 495, 969-975	3.4	10
102	Gut Microbial Divergence between Two Populations of the Hadal Amphipod <i>Hirondellea gigas</i> . <i>Applied and Environmental Microbiology</i> , 2019 , 85,	4.8	10
101	Effect of polybrominated diphenyl ether (PBDE) treatment on the composition and function of the bacterial community in the sponge <i>Haliclona cymaeformis</i> . <i>Frontiers in Microbiology</i> , 2014 , 5, 799	5.7	9
100	Nontoxic piperamides and their synthetic analogues as novel antifouling reagents. <i>Biofouling</i> , 2014 , 30, 473-81	3.3	9
99	Microbial community changes along the active seepage site of one cold seep in the Red Sea. <i>Frontiers in Microbiology</i> , 2015 , 6, 739	5.7	9
98	Diterpenoids and steroids from Gorgonian <i>Subergorgia mollis</i> . <i>Chemistry of Natural Compounds</i> , 2012 , 48, 512-515	0.7	9
97	Larval development and metamorphic behaviour of the subtropical spionid polychaete <i>Pseudopolydora vexillosa</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2008 , 357, 99-108	2.1	9
96	Induction of Larval Settlement in the Serpulid Polychaete <i>Hydroides elegans</i> (Haswell): Role of Bacterial Extracellular Polymers. <i>Biofouling</i> , 2003 , 19, 197-204	3.3	9
95	Host-Symbiont Interactions in Deep-Sea Chemosymbiotic Vesicomyid Clams: Insights From Transcriptome Sequencing. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	9

94	Linking genomic responses of gonads with reproductive impairment in marine medaka (<i>Oryzias melastigma</i>) exposed chronically to the chemopreventive and antifouling agent, 3,3'-diindolylmethane (DIM). <i>Aquatic Toxicology</i> , 2017 , 183, 135-143	5.1	8
93	Impacts of elevated temperature and pCO ₂ on the brooded larvae of <i>Pocillopora damicornis</i> from Luhuitou Reef, China: evidence for local acclimatization. <i>Coral Reefs</i> , 2020 , 39, 331-344	4.2	8
92	The mitochondrial genome of the deep-sea tubeworm (Siboglinidae, Annelida) and its phylogenetic implications. <i>Mitochondrial DNA Part B: Resources</i> , 2018 , 3, 131-132	0.5	8
91	Secretory locations of SIPC in <i>Amphibalanus amphitrite</i> cyprids and a novel function of SIPC in biomineralization. <i>Scientific Reports</i> , 2016 , 6, 29376	4.9	8
90	Gel-based and gel-free identification of proteins and phosphopeptides during egg-to-larva transition in polychaete <i>Neanthes arenaceodentata</i> . <i>PLoS ONE</i> , 2012 , 7, e38814	3.7	8
89	Response of bacterioplankton to a glucose gradient in the absence of lysis and grazing. <i>FEMS Microbiology Ecology</i> , 2013 , 85, 443-51	4.3	8
88	Recolonization of benthic infauna subsequent to capping of contaminated dredged material in East Sha Chau, Hong Kong. <i>Estuarine, Coastal and Shelf Science</i> , 2003 , 56, 819-831	2.9	8
87	Genomic Signatures Supporting the Symbiosis and Formation of Chitinous Tube in the Deep-Sea Tubeworm <i>Paraescarpia echinospica</i> . <i>Molecular Biology and Evolution</i> , 2021 , 38, 4116-4134	8.3	8
86	Horseshoe crab genomes reveal the evolution of genes and microRNAs after three rounds of whole genome duplication. <i>Communications Biology</i> , 2021 , 4, 83	6.7	8
85	Hologenome analysis reveals dual symbiosis in the deep-sea hydrothermal vent snail <i>Gigantopelta aegis</i> . <i>Nature Communications</i> , 2021 , 12, 1165	17.4	8
84	Proteomics insights: proteins related to larval attachment and metamorphosis of marine invertebrates. <i>Frontiers in Marine Science</i> , 2014 , 1,	4.5	7
83	Nitric oxide inhibits larval settlement in <i>Amphibalanus amphitrite</i> cyprids by repressing muscle locomotion and molting. <i>Proteomics</i> , 2015 , 15, 3854-64	4.8	7
82	Host-specific 16S rRNA gene markers of Bacteroidales for source tracking of fecal pollution in the subtropical coastal seawater of Hong Kong. <i>Water Research</i> , 2010 , 44, 6164-74	12.5	7
81	Antibiotic treatment enhances C2 toxin production by <i>Alexandrium tamarense</i> in batch cultures. <i>Harmful Algae</i> , 2004 , 3, 21-28	5.3	7
80	Exploring the Influence of Signal Molecules on Marine Biofilms Development. <i>Frontiers in Microbiology</i> , 2020 , 11, 571400	5.7	7
79	Family-wide Structural Characterization and Genomic Comparisons Decode the Diversity-oriented Biosynthesis of Thalassospiramides by Marine Proteobacteria. <i>Journal of Biological Chemistry</i> , 2016 , 291, 27228-27238	5.4	7
78	An evaluation of multiple annealing and looping based genome amplification using a synthetic bacterial community. <i>Acta Oceanologica Sinica</i> , 2016 , 35, 131-136	1	7
77	Asymmetric Total Synthesis Enables Discovery of Antibacterial Activity of Siladenoserinols A and H. <i>Organic Letters</i> , 2019 , 21, 9704-9708	6.2	7

76	Exploring the regulatory role of nitric oxide (NO) and the NO-p38MAPK/cGMP pathway in larval settlement of the bryozoan <i>Bugula neritina</i> . <i>Biofouling</i> , 2018 , 34, 545-556	3.3	7
75	Chemical constituents of the soft coral <i>Sarcophyton infundibuliforme</i> from the South China Sea. <i>Natural Product Communications</i> , 2010 , 5, 1171-4	0.9	7
74	Distribution, diversity and functional dissociation of the mac genes in marine biofilms. <i>Biofouling</i> , 2019 , 35, 230-243	3.3	6
73	Combining a bio-based polymer and a natural antifoulant into an eco-friendly antifouling coating. <i>Biofouling</i> , 2020 , 36, 200-209	3.3	6
72	Thielavins W-Z—New Antifouling Thielavins from the Marine-Derived Fungus <i>Thielavia</i> sp. UST030930-004. <i>Marine Drugs</i> , 2017 , 15,	6	6
71	A Chemical-Intervention Strategy To Circumvent Peptide Hydrolysis by d-Stereoselective Peptidases. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 10466-10472	8.3	6
70	Proteomic and metabolomic profiles of marine <i>Vibrio</i> sp. 010 in response to an antifoulant challenge. <i>Biofouling</i> , 2013 , 29, 789-802	3.3	6
69	Comparative Transcriptomic Analysis Reveals Candidate Genes and Pathways Involved in Larval Settlement of the Barnacle <i>Megabalanus volcano</i> . <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	6
68	Phylogenetic relationships among pufferfish of genus <i>Takifugu</i> by RAPD analysis. <i>Chinese Journal of Oceanology and Limnology</i> , 2001 , 19, 128-134		6
67	Larval development of <i>Autolytus alexandri</i> Malmgren 1867 (Polychaeta, Syllidae). <i>Invertebrate Reproduction and Development</i> , 1989 , 15, 49-56	0.7	6
66	Detritus as a potential food source for polychaete larvae. <i>Journal of Experimental Marine Biology and Ecology</i> , 1990 , 143, 63-71	2.1	6
65	Comparative Proteomics on Deep-Sea Amphipods after in Situ Copper Exposure. <i>Environmental Science & Technology</i> , 2019 , 53, 13981-13991	10.3	5
64	Phylogenetic diversity of nitrogen-utilizing genes in hydrothermal chimneys from 3 middle ocean ridges. <i>Extremophiles</i> , 2015 , 19, 1173-82	3	5
63	Correlations Between Prokaryotic Microbes and Stress-Resistant Algae in Different Corals Subjected to Environmental Stress in Hong Kong. <i>Frontiers in Microbiology</i> , 2020 , 11, 686	5.7	5
62	Paenialvin A-D, four peptide antibiotics produced by <i>Paenibacillus alvei</i> DSM 29. <i>Journal of Antibiotics</i> , 2018 , 71, 769-777	3.7	5
61	The mitochondrial genome of the deep-sea limpet (Patellogastropoda: Pectinodontidae). <i>Mitochondrial DNA Part B: Resources</i> , 2019 , 4, 3175-3176	0.5	5
60	Antifouling Activity of Marine Natural Products 2012 , 749-821		5
59	Tower cells of the marine bryozoan <i>Membranipora membranacea</i> . <i>Journal of Morphology</i> , 1999 , 239, 121-130	1.6	5

58	Zonation of Microbial Communities by a Hydrothermal Mound in the Atlantis II Deep (the Red Sea). <i>PLoS ONE</i> , 2015 , 10, e0140766	3.7	5
57	Mutanofactin promotes adhesion and biofilm formation of cariogenic <i>Streptococcus mutans</i> . <i>Nature Chemical Biology</i> , 2021 , 17, 576-584	11.7	5
56	Comparative proteomic investigation of multiple methicillin-resistant strains generated through adaptive laboratory evolution. <i>IScience</i> , 2021 , 24, 102950	6.1	5
55	Antifouling mechanism of natural product-based coatings investigated by digital holographic microscopy. <i>Journal of Materials Science and Technology</i> , 2021 , 84, 200-207	9.1	5
54	siRNA transfection in larvae of the barnacle <i>Amphibalanus amphitrite</i> . <i>Journal of Experimental Biology</i> , 2015 , 218, 2505-9	3	4
53	A novel chresdihydrochalcone from <i>Streptomyces chrestomyceticus</i> exhibiting activity against Gram-positive bacteria. <i>Journal of Antibiotics</i> , 2020 , 73, 429-434	3.7	4
52	Insights into the Synthesis, Secretion and Curing of Barnacle Cyprid Adhesive via Transcriptomic and Proteomic Analyses of the Cement Gland. <i>Marine Drugs</i> , 2020 , 18,	6	4
51	HSP90 regulates larval settlement of the bryozoan through the nitric oxide pathway. <i>Journal of Experimental Biology</i> , 2018 , 221,	3	4
50	p38 MAPK regulates PKA and CUB-serine protease in <i>Amphibalanus amphitrite</i> cyprids. <i>Scientific Reports</i> , 2015 , 5, 14767	4.9	4
49	Selective phosphorylation during early macrophage differentiation. <i>Proteomics</i> , 2015 , 15, 3731-43	4.8	4
48	Proteomic changes between male and female worms of the polychaetous annelid <i>Neanthes arenaceodentata</i> before and after spawning. <i>PLoS ONE</i> , 2013 , 8, e72990	3.7	4
47	Profiling Signal Transduction in Global Marine Biofilms.. <i>Frontiers in Microbiology</i> , 2021 , 12, 768926	5.7	4
46	Artifactual pyrosequencing reads in multiple-displacement-amplified sediment metagenomes from the Red Sea. <i>PeerJ</i> , 2013 , 1, e69	3.1	4
45	Crystal structure of parallel G-quadruplex formed by the two-repeat ALS- and FTD-related GGGGCC sequence. <i>Nucleic Acids Research</i> , 2021 , 49, 5881-5890	20.1	4
44	Environmental switching during biofilm development in a cold seep system and functional determinants of species sorting. <i>Molecular Ecology</i> , 2016 , 25, 1958-71	5.7	4
43	Characterization of Arginine Kinase in the Barnacle <i>Amphibalanus Amphitrite</i> and Its Role in the Larval Settlement. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2016 , 326, 237-49	1.8	4
42	Marine bacterial extracts as a new rich source of drugs against Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2020 , 152, 493-508	6	4
41	Discovery of Antibiofilm Activity of Elasnin against Marine Biofilms and Its Application in the Marine Antifouling Coatings. <i>Marine Drugs</i> , 2021 , 19,	6	4

40	Regeneration and utilization of nutrients during collapse of a <i>Mesodinium rubrum</i> red tide and its influence on phytoplankton species composition. <i>Science China Earth Sciences</i> , 2018 , 61, 1384-1396	4.6	4
39	Population Genetic Structure and Gene Expression Plasticity of the Deep-Sea Vent and Seep Squat Lobster <i>Shinkaia crosnieri</i> . <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	3
38	The regulatory role of arginine kinase during larval settlement of the bryozoan <i>Bugula neritina</i> . <i>Marine Biology</i> , 2018 , 165, 1	2.5	3
37	The mitochondrial genome of the deep-sea snail <i>Provanna</i> sp. (Gastropoda: Provannidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 4026-4027	1.3	3
36	Polybrominated diphenyl ethers do not affect metamorphosis but alter the proteome of the invasive slipper limpet <i>Crepidula onyx</i> . <i>Marine Pollution Bulletin</i> , 2013 , 73, 273-81	6.7	3
35	Antifouling Indole Alkaloids from Two Marine Derived Fungi. <i>Natural Product Communications</i> , 2013 , 8, 1934578X1300800	0.9	3
34	Impact of Ocean Warming and Acidification on Symbiosis Establishment and Gene Expression Profiles in Recruits of Reef Coral. <i>Frontiers in Microbiology</i> , 2020 , 11, 532447	5.7	3
33	Hydraulic Fracturing Return Fluids from Offshore Hydrocarbon Extraction Present New Risks to Marine Ecosystems. <i>Environmental Science & Technology</i> , 2021 , 55, 4199-4201	10.3	3
32	In Silico Prediction of Neuropeptides/Peptide Hormone Transcripts in the Cheilostome Bryozoan <i>Bugula neritina</i> . <i>PLoS ONE</i> , 2016 , 11, e0160271	3.7	3
31	Phylogenetic Relationships and Adaptation in Deep-Sea Mussels: Insights from Mitochondrial Genomes. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
30	Changing composition of microbial communities indicates seepage fluid difference of the Thuwal Seeps in the Red Sea. <i>Antonie Van Leeuwenhoek</i> , 2015 , 108, 461-71	2.1	2
29	Albofungin and chloroalbofungin: antibiotic crystals with 2D but not 3D isostructurality. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020 , 76, 1100-1107	0.8	2
28	Proteomic profiling during the pre-competent to competent transition of the biofouling polychaete <i>Hydroides elegans</i> . <i>Biofouling</i> , 2014 , 30, 921-8	3.3	2
27	Steroids of soft coral <i>Scleronephthya</i> sp. from the South China Sea. <i>Chemistry of Natural Compounds</i> , 2012 , 48, 341-343	0.7	2
26	Proteomics and Transcriptomics Uncover Key Processes for Elasin Tolerance in Methicillin-Resistant <i>Staphylococcus aureus</i> .. <i>MSystems</i> , 2022 , e0139321	7.6	2
25	Macrocyclic colibactin induces DNA double-strand breaks via copper-mediated oxidative cleavage		2
24	Expanding our understanding of marine viral diversity through metagenomic analyses of biofilms. <i>Marine Life Science and Technology</i> , 2021 , 3, 395-404	4.5	2
23	Identification of Barnacle Shell Proteins by Transcriptome and Proteomic Approaches 2018 , 105-112		2

22	Mode of action of Elasnin as biofilm-formation eradicator of Methicillin-Resistant <i>Staphylococcus aureus</i>		2
21	Hidden Historical Habitat-Linked Population Divergence and Contemporary Gene Flow of a Deep-Sea Patellogastropod Limpet. <i>Molecular Biology and Evolution</i> , 2021 , 38, 5640-5654	8.3	2
20	A novel assessment of the traction forces upon settlement of two typical marine fouling invertebrates using PDMS micropost arrays. <i>Biology Open</i> , 2018 , 7,	2.2	1
19	Proteomic Changes Associated with Successive Reproductive Periods in Male Polychaetous <i>Neanthes arenaceodentata</i> . <i>Scientific Reports</i> , 2015 , 5, 13561	4.9	1
18	Genome sequence of the pink-pigmented marine bacterium <i>Loktanella hongkongensis</i> type strain (UST950701-009P(T)), a representative of the <i>Roseobacter</i> group. <i>Standards in Genomic Sciences</i> , 2015 , 10, 51		1
17	The morphological females of a marine polychaete, <i>Capitella</i> sp. are functional hermaphrodites. <i>Invertebrate Reproduction and Development</i> , 1992 , 21, 107-112	0.7	1
16	The Morphology, Mitogenome, Phylogenetic Position, and Symbiotic Bacteria of a New Species of <i>Sclerolinum</i> (Annelida: Siboglinidae) in the South China Sea. <i>Frontiers in Marine Science</i> , 2022 , 8,	4.5	1
15	Tripartite holobiont system in a vent snail broadens the concept of chemosymbiosis		1
14	Reply to: Macrocyclic colibactins. <i>Nature Chemistry</i> , 2020 , 12, 1007	17.6	1
13	Global Genome Mining Reveals a Cytochrome P450-Catalyzed Cyclization of Crownlike Cyclodipeptides with Neuroprotective Activity. <i>Organic Letters</i> , 2021 , 23, 6601-6605	6.2	1
12	Global Genome Mining Reveals the Distribution of Diverse Thioamidated RiPP Biosynthesis Gene Clusters. <i>Frontiers in Microbiology</i> , 2021 , 12, 635389	5.7	1
11	Unique phage-bacterium interplay in sponge holobionts from the southern Okinawa Trough hydrothermal vent. <i>Environmental Microbiology Reports</i> , 2021 , 13, 675-683	3.7	1
10	Archive of bacterial community in anhydrite crystals from a deep-sea basin provides evidence of past oil-spilling in a benthic environment in the Red Sea. <i>Biogeosciences</i> , 2016 , 13, 6405-6417	4.6	1
9	Marine biofilms: diversity, interactions and biofouling. <i>Nature Reviews Microbiology</i> ,	22.2	1
8	Metagenomic and metatranscriptomic analyses reveal minor-yet-crucial roles of gut microbiome in deep-sea hydrothermal vent snail.. <i>Animal Microbiome</i> , 2022 , 4, 3	4.1	0
7	Discovery, Bioactivity Evaluation, Biosynthetic Gene Cluster Identification, and Heterologous Expression of Novel Albofungin Derivatives. <i>Frontiers in Microbiology</i> , 2021 , 12, 635268	5.7	0
6	Arms race in a cell: genomic, transcriptomic, and proteomic insights into intracellular phage-bacteria interplay in deep-sea snail holobionts. <i>Microbiome</i> , 2021 , 9, 182	16.6	0
5	Elasnin Effectively Eradicates Daptomycin-Resistant Methicillin-Resistant <i>Staphylococcus aureus</i> Biofilms.. <i>Microbiology Spectrum</i> , 2022 , 10, e0232021	8.9	0

4	Comparative transcriptomic analysis of and onboard fixed deep-sea limpets reveals sample preparation-related differences.. <i>IScience</i> , 2022 , 25, 104092	6.1	0
3	Chemical Constituents of the Gorgonian <i>Dichotella fragilis</i> (Ridleg) from the South China Sea. <i>Natural Product Communications</i> , 2011 , 6, 1934578X1100600	0.9	
2	Insights into the vision of the hadal snailfish <i>Pseudoliparis swirei</i> through proteomic analysis of the eye. <i>Proteomics</i> , 2021 , 21, e2100118	4.8	
1	Complete mitochondrial genome of (Polychaeta: Alvinellidae).. <i>Mitochondrial DNA Part B: Resources</i> , 2022 , 7, 786-788	0.5	