

# Pei-Yuan Qian

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Metagenomic and metatranscriptomic analyses reveal minor-yet-crucial roles of gut microbiome in deep-sea hydrothermal vent snail.. <i>Animal Microbiome</i> , <b>2022</b> , 4, 3	4.1	0
398	Proteomics and Transcriptomics Uncover Key Processes for Elasnin Tolerance in Methicillin-Resistant Staphylococcus aureus.. <i>MSystems</i> , <b>2022</b> , e0139321	7.6	2
397	The Morphology, Mitogenome, Phylogenetic Position, and Symbiotic Bacteria of a New Species of Sclerolinum (Annelida: Siboglinidae) in the South China Sea. <i>Frontiers in Marine Science</i> , <b>2022</b> , 8,	4.5	1
396	Elasnin Effectively Eradicates Daptomycin-Resistant Methicillin-Resistant Staphylococcus aureus Biofilms.. <i>Microbiology Spectrum</i> , <b>2022</b> , 10, e0232021	8.9	0
395	Comparative transcriptomic analysis of and onboard fixed deep-sea limpets reveals sample preparation-related differences.. <i>IScience</i> , <b>2022</b> , 25, 104092	6.1	0
394	Complete mitochondrial genome of (Polychaeta: Alvinellidae).. <i>Mitochondrial DNA Part B: Resources</i> , <b>2022</b> , 7, 786-788	0.5	
393	Profiling Signal Transduction in Global Marine Biofilms.. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 768926	5.7	4
392	Hydraulic Fracturing Return Fluids from Offshore Hydrocarbon Extraction Present New Risks to Marine Ecosystems. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 4199-4201	10.3	3
391	Global Genome Mining Reveals a Cytochrome P450-Catalyzed Cyclization of Crownlike Cyclodipeptides with Neuroprotective Activity. <i>Organic Letters</i> , <b>2021</b> , 23, 6601-6605	6.2	1
390	Global Genome Mining Reveals the Distribution of Diverse Thioamidated RiPP Biosynthesis Gene Clusters. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 635389	5.7	1
389	Crystal structure of parallel G-quadruplex formed by the two-repeat ALS- and FTD-related GGGGCC sequence. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 5881-5890	20.1	4
388	Unique phage-bacterium interplay in sponge holobionts from the southern Okinawa Trough hydrothermal vent. <i>Environmental Microbiology Reports</i> , <b>2021</b> , 13, 675-683	3.7	1
387	Genomic Signatures Supporting the Symbiosis and Formation of Chitinous Tube in the Deep-Sea Tubeworm Paraescarpia echinospica. <i>Molecular Biology and Evolution</i> , <b>2021</b> , 38, 4116-4134	8.3	8
386	Host-Endosymbiont Genome Integration in a Deep-Sea Chemosymbiotic Clam. <i>Molecular Biology and Evolution</i> , <b>2021</b> , 38, 502-518	8.3	14
385	Horseshoe crab genomes reveal the evolution of genes and microRNAs after three rounds of whole genome duplication. <i>Communications Biology</i> , <b>2021</b> , 4, 83	6.7	8
384	Discovery of Antibiofilm Activity of Elasnin against Marine Biofilms and Its Application in the Marine Antifouling Coatings. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	4
383	Expanding our understanding of marine viral diversity through metagenomic analyses of biofilms. <i>Marine Life Science and Technology</i> , <b>2021</b> , 3, 395-404	4.5	2

382	Hologenome analysis reveals dual symbiosis in the deep-sea hydrothermal vent snail <i>Gigantopelta aegis</i> . <i>Nature Communications</i> , <b>2021</b> , 12, 1165	17.4	8
381	Discovery, Bioactivity Evaluation, Biosynthetic Gene Cluster Identification, and Heterologous Expression of Novel Albofungin Derivatives. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 635268	5.7	0
380	Phylogenetic Relationships and Adaptation in Deep-Sea Mussels: Insights from Mitochondrial Genomes. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
379	Mutanofactin promotes adhesion and biofilm formation of cariogenic <i>Streptococcus mutans</i> . <i>Nature Chemical Biology</i> , <b>2021</b> , 17, 576-584	11.7	5
378	Insights into the vision of the hadal snailfish <i>Pseudoliparis swirei</i> through proteomic analysis of the eye. <i>Proteomics</i> , <b>2021</b> , 21, e2100118	4.8	
377	Comparative proteomic investigation of multiple methicillin-resistant strains generated through adaptive laboratory evolution. <i>IScience</i> , <b>2021</b> , 24, 102950	6.1	5
376	Hidden Historical Habitat-Linked Population Divergence and Contemporary Gene Flow of a Deep-Sea Patellogastropod Limpet. <i>Molecular Biology and Evolution</i> , <b>2021</b> , 38, 5640-5654	8.3	2
375	Arms race in a cell: genomic, transcriptomic, and proteomic insights into intracellular phage-bacteria interplay in deep-sea snail holobionts. <i>Microbiome</i> , <b>2021</b> , 9, 182	16.6	0
374	Antifouling mechanism of natural product-based coatings investigated by digital holographic microscopy. <i>Journal of Materials Science and Technology</i> , <b>2021</b> , 84, 200-207	9.1	5
373	Albofungin and chloroalbofungin: antibiotic crystals with 2D but not 3D isostructurality. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2020</b> , 76, 1100-1107	0.8	2
372	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> , <b>2020</b> , 7,	4.5	3
371	Correlations Between Prokaryotic Microbes and Stress-Resistant Algae in Different Corals Subjected to Environmental Stress in Hong Kong. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 686	5.7	5
370	Nearest vent, dearest friend: biodiversity of Tiancheng vent field reveals cross-ridge similarities in the Indian Ocean. <i>Royal Society Open Science</i> , <b>2020</b> , 7, 200110	3.3	16
369	Jellyfish genomes reveal distinct homeobox gene clusters and conservation of small RNA processing. <i>Nature Communications</i> , <b>2020</b> , 11, 3051	17.4	17
368	A novel chresdihydrochalcone from <i>Streptomyces chrestomyceticus</i> exhibiting activity against Gram-positive bacteria. <i>Journal of Antibiotics</i> , <b>2020</b> , 73, 429-434	3.7	4
367	Impacts of elevated temperature and pCO <sub>2</sub> on the brooded larvae of <i>Pocillopora damicornis</i> from Luhuitou Reef, China: evidence for local acclimatization. <i>Coral Reefs</i> , <b>2020</b> , 39, 331-344	4.2	8
366	The Scaly-foot Snail genome and implications for the origins of biomineralised armour. <i>Nature Communications</i> , <b>2020</b> , 11, 1657	17.4	28
365	Combining a bio-based polymer and a natural antifoulant into an eco-friendly antifouling coating. <i>Biofouling</i> , <b>2020</b> , 36, 200-209	3.3	6

364	Insights into the Synthesis, Secretion and Curing of Barnacle Cyprid Adhesive via Transcriptomic and Proteomic Analyses of the Cement Gland. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	4
363	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> , <b>2020</b> , 8, 1671-1678	8.3	29
362	Impact of Ocean Warming and Acidification on Symbiosis Establishment and Gene Expression Profiles in Recruits of Reef Coral. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 532447	5.7	3
361	Exploring the Influence of Signal Molecules on Marine Biofilms Development. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 571400	5.7	7
360	Reply to: Macrocyclic colibactins. <i>Nature Chemistry</i> , <b>2020</b> , 12, 1007	17.6	1
359	Genomic, transcriptomic, and proteomic insights into the symbiosis of deep-sea tubeworm holobionts. <i>ISME Journal</i> , <b>2020</b> , 14, 135-150	11.9	26
358	Marine bacterial extracts as a new rich source of drugs against Alzheimer's disease. <i>Journal of Neurochemistry</i> , <b>2020</b> , 152, 493-508	6	4
357	Marine natural products as antifouling molecules - a mini-review (2014-2020). <i>Biofouling</i> , <b>2020</b> , 36, 1210-1226	3.3	15
356	Comparative Proteomics on Deep-Sea Amphipods after in Situ Copper Exposure. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 13981-13991	10.3	5
355	Marine biofilms constitute a bank of hidden microbial diversity and functional potential. <i>Nature Communications</i> , <b>2019</b> , 10, 517	17.4	47
354	Signatures of Divergence, Invasiveness, and Terrestrialization Revealed by Four Apple Snail Genomes. <i>Molecular Biology and Evolution</i> , <b>2019</b> , 36, 1507-1520	8.3	33
353	Distribution, diversity and functional dissociation of the mac genes in marine biofilms. <i>Biofouling</i> , <b>2019</b> , 35, 230-243	3.3	6
352	A Chemical-Intervention Strategy To Circumvent Peptide Hydrolysis by d-Stereoselective Peptidases. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 10466-10472	8.3	6
351	The mitochondrial genome of the deep-sea limpet (Patellogastropoda: Pectinodontidae). <i>Mitochondrial DNA Part B: Resources</i> , <b>2019</b> , 4, 3175-3176	0.5	5
350	Asymmetric Total Synthesis Enables Discovery of Antibacterial Activity of Siladenoserinols A and H. <i>Organic Letters</i> , <b>2019</b> , 21, 9704-9708	6.2	7
349	Host-Symbiont Interactions in Deep-Sea Chemosymbiotic Vesicomyid Clams: Insights From Transcriptome Sequencing. <i>Frontiers in Marine Science</i> , <b>2019</b> , 6,	4.5	9
348	Macrocyclic colibactin induces DNA double-strand breaks via copper-mediated oxidative cleavage. <i>Nature Chemistry</i> , <b>2019</b> , 11, 880-889	17.6	37
347	Metagenomic Analysis of Zinc Surface-Associated Marine Biofilms. <i>Microbial Ecology</i> , <b>2019</b> , 77, 406-416	4.4	14

346	Gut Microbial Divergence between Two Populations of the Hadal Amphipod <i>Hirondellea gigas</i> . <i>Applied and Environmental Microbiology</i> , <b>2019</b> , 85,	4.8	10
345	Diurnally Fluctuating CO Modifies the Physiological Responses of Coral Recruits Under Ocean Acidification. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1952	4.6	11
344	The vertical distribution of prokaryotes in the surface sediment of Jiaolong cold seep at the northern South China Sea. <i>Extremophiles</i> , <b>2018</b> , 22, 499-510	3	12
343	The regulatory role of arginine kinase during larval settlement of the bryozoan <i>Bugula neritina</i> . <i>Marine Biology</i> , <b>2018</b> , 165, 1	2.5	3
342	Resistance to nonribosomal peptide antibiotics mediated by D-stereospecific peptidases. <i>Nature Chemical Biology</i> , <b>2018</b> , 14, 381-387	11.7	25
341	HSP90 regulates larval settlement of the bryozoan through the nitric oxide pathway. <i>Journal of Experimental Biology</i> , <b>2018</b> , 221,	3	4
340	The mitochondrial genome of the deep-sea tubeworm (Siboglinidae, Annelida) and its phylogenetic implications. <i>Mitochondrial DNA Part B: Resources</i> , <b>2018</b> , 3, 131-132	0.5	8
339	Phylogeny, evolution and mitochondrial gene order rearrangement in scale worms (Aphroditiformia, Annelida). <i>Molecular Phylogenetics and Evolution</i> , <b>2018</b> , 125, 220-231	4.1	44
338	Season structures prokaryotic partners but not algal symbionts in subtropical hard corals. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 4963-4973	5.7	13
337	Exploring coral microbiome assemblages in the South China Sea. <i>Scientific Reports</i> , <b>2018</b> , 8, 2428	4.9	13
336	Anti-biofilm effect of a butenolide/polymer coating and metatranscriptomic analyses. <i>Biofouling</i> , <b>2018</b> , 34, 111-122	3.3	22
335	Dysregulation of Intestinal Health by Environmental Pollutants: Involvement of the Estrogen Receptor and Aryl Hydrocarbon Receptor. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 2323-2330 <sup>10.3</sup>	10.3	52
334	Genome Reduction in Species within the Gut of an Amphipod from the Ocean's Deepest Point. <i>MSystems</i> , <b>2018</b> , 3,	7.6	14
333	De novo transcriptome assembly and positive selection analysis of an individual deep-sea fish. <i>BMC Genomics</i> , <b>2018</b> , 19, 394	4.5	22
332	Paenialvin A-D, four peptide antibiotics produced by <i>Paenibacillus alvei</i> DSM 29. <i>Journal of Antibiotics</i> , <b>2018</b> , 71, 769-777	3.7	5
331	Population genetic structure of the deep-sea mussel s (Bivalvia: Mytilidae) in the Northwest Pacific. <i>Evolutionary Applications</i> , <b>2018</b> , 11, 1915-1930	4.8	15
330	Discovery of cationic nonribosomal peptides as Gram-negative antibiotics through global genome mining. <i>Nature Communications</i> , <b>2018</b> , 9, 3273	17.4	38
329	A novel assessment of the traction forces upon settlement of two typical marine fouling invertebrates using PDMS micropost arrays. <i>Biology Open</i> , <b>2018</b> , 7,	2.2	1

328	Toward understanding barnacle cementing by characterization of one cement protein-100kDa in <i>Amphibalanus amphitrite</i> . <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 495, 969-975	3.4	10
327	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> , <b>2018</b> , 37, 71-79	4.2	11
326	Identification of Barnacle Shell Proteins by Transcriptome and Proteomic Approaches <b>2018</b> , 105-112		2
325	Rational design of new cyclic analogues of the antimicrobial lipopeptide tridecaptin A. <i>Chemical Communications</i> , <b>2018</b> , 54, 10634-10637	5.8	12
324	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> , <b>2018</b> , 61, 1384-1396	4.6	4
323	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> , <b>2018</b> , 34, 545-556	3.3	7
322	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> , <b>2017</b> , 137, 318-326	2.3	23
321	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> , <b>2017</b> , 183, 135-143	5.1	8
320	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> , <b>2017</b> , 74, 1-5	4.4	53
319	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> , <b>2017</b> , 26, 3732-3743	5.7	37
318	Optimization of antifouling coatings incorporating butenolide, a potent antifouling agent via field and laboratory tests. <i>Progress in Organic Coatings</i> , <b>2017</b> , 109, 22-29	4.8	16
317	Temperature shapes coral-algal symbiosis in the South China Sea. <i>Scientific Reports</i> , <b>2017</b> , 7, 40118	4.9	30
316	Adaptation and evolution of deep-sea scale worms (Annelida: Polynoidae): insights from transcriptome comparison with a shallow-water species. <i>Scientific Reports</i> , <b>2017</b> , 7, 46205	4.9	24
315	Microbiome dynamics in early life stages of the scleractinian coral <i>Acropora gemmifera</i> in response to elevated pCO <sub>2</sub> . <i>Environmental Microbiology</i> , <b>2017</b> , 19, 3342-3352	5.2	19
314	Environmentally Friendly Antifouling Coatings Based on Biodegradable Polymer and Natural Antifoulant. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 6304-6309	8.3	60
313	Adaptation to deep-sea chemosynthetic environments as revealed by mussel genomes. <i>Nature Ecology and Evolution</i> , <b>2017</b> , 1, 121	12.3	160
312	Genome Reduction and Microbe-Host Interactions Drive Adaptation of a Sulfur-Oxidizing Bacterium Associated with a Cold Seep Sponge. <i>MSystems</i> , <b>2017</b> , 2,	7.6	23
311	A <i>Pseudomonas</i> T6SS effector recruits PQS-containing outer membrane vesicles for iron acquisition. <i>Nature Communications</i> , <b>2017</b> , 8, 14888	17.4	139

310	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 &amp; Technology</i> , <b>2017</b> , 51, 1840-1847	10.3	20
309	Impact of diurnal temperature fluctuations on larval settlement and growth of the reef coral <i>Pocillopora damicornis</i>. <i>Biogeosciences</i> , <b>2017</b> , 14, 5741-5752	4.6	12
308	Thielavins W-Z—New Antifouling Thielavins from the Marine-Derived Fungus Thielavia sp. UST030930-004. <i>Marine Drugs</i> , <b>2017</b> , 15,	6	6
307	Metagenomic analysis reveals a green sulfur bacterium as a potential coral symbiont. <i>Scientific Reports</i> , <b>2017</b> , 7, 9320	4.9	15
306	Preparation, Structure, and Potent Antifouling Activity of Sclerotioramine Derivatives. <i>Marine Biotechnology</i> , <b>2017</b> , 19, 372-378	3.4	22
305	Comparative Transcriptomic Analysis Reveals Candidate Genes and Pathways Involved in Larval Settlement of the Barnacle Megabalanus volcano. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	6
304	Review on Molecular Mechanisms of Antifouling Compounds: An Update since 2012. <i>Marine Drugs</i> , <b>2017</b> , 15,	6	43
303	Temperature-Driven Local Acclimatization of Hosted by the Coral at Hainan Island, China. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 2487	5.7	11
302	Divergent biosynthesis yields a cytotoxic aminomalonate-containing precolibactin. <i>Nature Chemical Biology</i> , <b>2016</b> , 12, 773-5	11.7	62
301	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> , <b>2016</b> , 6, 19841	4.9	20
300	Secretory locations of SIPC in Amphibalanus amphitrite cyprids and a novel function of SIPC in biomineralization. <i>Scientific Reports</i> , <b>2016</b> , 6, 29376	4.9	8
299	Quantitative analysis of oyster larval proteome provides new insights into the effects of multiple climate change stressors. <i>Global Change Biology</i> , <b>2016</b> , 22, 2054-68	11.4	48
298	Sensitivity and correlation of hypervariable regions in 16S rRNA genes in phylogenetic analysis. <i>BMC Bioinformatics</i> , <b>2016</b> , 17, 135	3.6	246
297	The mitochondrial genome of the deep-sea snail Provanna sp. (Gastropoda: Provannidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , <b>2016</b> , 27, 4026-4027	1.3	3
296	Cochliomycin A inhibits the larval settlement of Amphibalanus amphitrite by activating the NO/cGMP pathway. <i>Biofouling</i> , <b>2016</b> , 32, 35-44	3.3	10
295	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> , <b>2016</b> , 13, 6405-6417	4.6	1
294	Genomic and Transcriptomic Evidence for Carbohydrate Consumption among Microorganisms in a Cold Seep Brine Pool. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 1825	5.7	19
293	In Silico Prediction of Neuropeptides/Peptide Hormone Transcripts in the Cheilostome Bryozoan Bugula neritina. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160271	3.7	3



292	Environmental switching during biofilm development in a cold seep system and functional determinants of species sorting. <i>Molecular Ecology</i> , <b>2016</b> , 25, 1958-71	5.7	4
291	Characterization of Arginine Kinase in the Barnacle Amphibalanus Amphitrite and Its Role in the Larval Settlement. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , <b>2016</b> , 326, 237-49	1.8	4
290	The deep-sea glass sponge Lophophysema eversa harbours potential symbionts responsible for the nutrient conversions of carbon, nitrogen and sulfur. <i>Environmental Microbiology</i> , <b>2016</b> , 18, 2481-94	5.2	37
289	Draft genome of an Aerophobetes bacterium reveals a facultative lifestyle in deep-sea anaerobic sediments. <i>Science Bulletin</i> , <b>2016</b> , 61, 1176-1186	10.6	11
288	Delta-proteobacterial SAR324 group in hydrothermal plumes on the South Mid-Atlantic Ridge. <i>Scientific Reports</i> , <b>2016</b> , 6, 22842	4.9	12
287	Changes in microbial communities, photosynthesis and calcification of the coral Acropora gemmifera in response to ocean acidification. <i>Scientific Reports</i> , <b>2016</b> , 6, 35971	4.9	11
286	Family-wide Structural Characterization and Genomic Comparisons Decode the Diversity-oriented Biosynthesis of Thalassospiramides by Marine Proteobacteria. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 27228-27238	5.4	7
285	The deepest mitochondrial genome sequenced from Mariana Trench (Amphipoda). <i>Mitochondrial DNA Part B: Resources</i> , <b>2016</b> , 1, 802-803	0.5	11
284	Antifouling phenyl ethers and other compounds from the invertebrates and their symbiotic fungi collected from the South China Sea. <i>AMB Express</i> , <b>2016</b> , 6, 102	4.1	14
283	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 &amp; Technology</i> , <b>2016</b> , 50, 4492-501	10.3	33
282	An evaluation of multiple annealing and looping based genome amplification using a synthetic bacterial community. <i>Acta Oceanologica Sinica</i> , <b>2016</b> , 35, 131-136	1	7
281	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> , <b>2016</b> , 214, 324-333	9.3	23
280	Endocrine Disruption throughout the Hypothalamus-Pituitary-Gonadal-Liver (HPGL) Axis in Marine Medaka (Oryzias melastigma) Chronically Exposed to the Antifouling and Chemopreventive Agent, 3,3'-Diindolylmethane (DIM). <i>Chemical Research in Toxicology</i> , <b>2016</b> , 29, 1020-8	4	16
279	Post-translational modifications are enriched within protein functional groups important to bacterial adaptation within a deep-sea hydrothermal vent environment. <i>Microbiome</i> , <b>2016</b> , 4, 49	16.6	24
278	Rare Events of Intragenus and Intraspecies Horizontal Transfer of the 16S rRNA Gene. <i>Genome Biology and Evolution</i> , <b>2015</b> , 7, 2310-20	3.9	40
277	Changing composition of microbial communities indicates seepage fluid difference of the Thuwal Seeps in the Red Sea. <i>Antonie Van Leeuwenhoek</i> , <b>2015</b> , 108, 461-71	2.1	2
276	siRNA transfection in larvae of the barnacle Amphibalanus amphitrite. <i>Journal of Experimental Biology</i> , <b>2015</b> , 218, 2505-9	3	4
275	Potent Antifouling Marine Dihydroquinolin-2(1H)-one-Containing Alkaloids from the Gorgonian Coral-Derived Fungus Scopulariopsis sp. <i>Marine Biotechnology</i> , <b>2015</b> , 17, 408-15	3.4	25



274	Directed natural product biosynthesis gene cluster capture and expression in the model bacterium <i>Bacillus subtilis</i> . <i>Scientific Reports</i> , <b>2015</b> , 5, 9383	4.9	75
273	Low-Toxicity Diindol-3-ylmethanes as Potent Antifouling Compounds. <i>Marine Biotechnology</i> , <b>2015</b> , 17, 624-32	3.4	31
272	Phylogenetic diversity of nitrogen-utilizing genes in hydrothermal chimneys from 3 middle ocean ridges. <i>Extremophiles</i> , <b>2015</b> , 19, 1173-82	3	5
271	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> , <b>2015</b> , 100, 383-392	6.7	13
270	Degradation kinetics of a potent antifouling agent, butenolide, under various environmental conditions. <i>Chemosphere</i> , <b>2015</b> , 119, 1075-1083	8.4	24
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24	Larval settlement of polychaetes. <i>Hydrobiologia</i> , <b>1999</b> , 402, 239-253	2-4	111
23	Tower cells of the marine bryozoan <i>Membranipora membranacea</i> . <i>Journal of Morphology</i> , <b>1999</b> , 239, 121-130	1-6	5

22	Significance of Trophic Transfer in Predicting the High Concentration of Zinc in Barnacles. <i>Environmental Science &amp; Technology</i> , <b>1999</b> , 33, 2905-2909	10.3	37
21	Analysing energy content: a new micro-assay and an assessment of the applicability of acid dichromate assays. <i>Hydrobiologia</i> , <b>1998</b> , 390, 141-151	2.4	11
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18	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> , <b>1998</b> , 226, 51-74	2.1	54
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16	Integrated cultivation of the red alga <i>Kappaphycus alvarezii</i> and the pearl oyster <i>Pinctada martensi</i> . <i>Aquaculture</i> , <b>1996</b> , 147, 21-35	4.4	70
15	Effect of food quantity on growth and reproductive characteristics of <i>Capitella</i> sp. (Annelids: Polychaeta). <i>Invertebrate Reproduction and Development</i> , <b>1994</b> , 26, 175-185	0.7	28
14	Larval development as influenced by food limitation in two polychaetes: <i>Capitella</i> sp. and <i>Polydora ligni</i> Webster. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>1993</b> , 166, 93-105	2.1	23
13	Effect of starvation on energy reserves and metabolism in the Northern abalone, <i>Haliotis kamtschatkana</i> . <i>Aquaculture</i> , <b>1993</b> , 118, 315-325	4.4	48
12	The morphological females of a marine polychaete, <i>Capitella</i> sp. are functional hermaphrodites. <i>Invertebrate Reproduction and Development</i> , <b>1992</b> , 21, 107-112	0.7	1
11	Effect of aging on reproduction in a marine polychaete <i>Capitella</i> sp.. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>1992</b> , 156, 23-38	2.1	20
10	Effects of diet type on the demographics of <i>Capitella</i> sp. (Annelida: Polychaeta): lecithotrophic development vs. planktotrophic development. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>1992</b> , 157, 159-179	2.1	37
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7	Detritus as a potential food source for polychaete larvae. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>1990</b> , 143, 63-71	2.1	6
6	Recruitment of barnacles into empty adult tests. <i>Journal of Experimental Marine Biology and Ecology</i> , <b>1990</b> , 142, 63-74	2.1	10
5	Larval development of <i>Autolytus alexandri</i> Malmgren 1867 (Polychaeta, Syllidae). <i>Invertebrate Reproduction and Development</i> , <b>1989</b> , 15, 49-56	0.7	6

4	Tripartite holobiont system in a vent snail broadens the concept of chemosymbiosis	1
3	Macrocyclic colibactin induces DNA double-strand breaks via copper-mediated oxidative cleavage	2
2	Mode of action of Elasnin as biofilm-formation eradicator of Methicillin-Resistant <i>Staphylococcus aureus</i>	2
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