

# Xiao-hua Zhang

## List of Publications by Citations

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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.

151 papers	2,653 citations	27 h-index	42 g-index
160 ext. papers	4,047 ext. citations	4.4 avg, IF	5.53 L-index

#	Paper	IF	Citations
151	Dimethylsulfoniopropionate biosynthesis in marine bacteria and identification of the key gene in this process. <i>Nature Microbiology</i> , <b>2017</b> , 2, 17009	26.6	123
150	Quorum quenching agents: resources for antivirulence therapy. <i>Marine Drugs</i> , <b>2014</b> , 12, 3245-82	6	110
149	Phylogenetic shifts of bacterioplankton community composition along the Pearl Estuary: the potential impact of hypoxia and nutrients. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 64	5.7	92
148	MomL, a novel marine-derived N-acyl homoserine lactonase from <i>Muricauda olearia</i> . <i>Applied and Environmental Microbiology</i> , <b>2015</b> , 81, 774-82	4.8	78
147	Retention of virulence in a viable but nonculturable <i>Edwardsiella tarda</i> isolate. <i>Applied and Environmental Microbiology</i> , <b>2007</b> , 73, 1349-54	4.8	75
146	Bacterial and archaeal communities in sediments of the north Chinese marginal seas. <i>Microbial Ecology</i> , <b>2015</b> , 70, 105-17	4.4	73
145	Proliferation of hydrocarbon-degrading microbes at the bottom of the Mariana Trench. <i>Microbiome</i> , <b>2019</b> , 7, 47	16.6	66
144	Spatial variations in microbial community composition in surface seawater from the ultra-oligotrophic center to rim of the South Pacific Gyre. <i>PLoS ONE</i> , <b>2013</b> , 8, e55148	3.7	61
143	Bacterial Community Associated with Healthy and Diseased Pacific White Shrimp ( <i>Litopenaeus vannamei</i> ) Larvae and Rearing Water across Different Growth Stages. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1362	5.7	60
142	Spatial distribution patterns of benthic microbial communities along the Pearl Estuary, China. <i>Systematic and Applied Microbiology</i> , <b>2014</b> , 37, 578-89	4.2	58
141	Comparison of cultivable bacterial communities associated with Pacific white shrimp ( <i>Litopenaeus vannamei</i> ) larvae at different health statuses and growth stages. <i>Aquaculture</i> , <b>2016</b> , 451, 163-169	4.4	57
140	Spatiotemporal dynamics of the archaeal community in coastal sediments: assembly process and co-occurrence relationship. <i>ISME Journal</i> , <b>2020</b> , 14, 1463-1478	11.9	56
139	Significance of <i>Vibrio</i> species in the marine organic carbon cycle—A review. <i>Science China Earth Sciences</i> , <b>2018</b> , 61, 1357-1368	4.6	55
138	Evaluation of a new high-throughput method for identifying quorum quenching bacteria. <i>Scientific Reports</i> , <b>2013</b> , 3, 2935	4.9	52
137	<i>Vibrio</i> : a serious pathogen of fish and invertebrates in mariculture. <i>Marine Life Science and Technology</i> , <b>2020</b> , 2, 1-15	4.5	41
136	Microbial assembly, interaction, functioning, activity and diversification: a review derived from community compositional data. <i>Marine Life Science and Technology</i> , <b>2019</b> , 1, 112-128	4.5	40
135	Characterization and resuscitation of viable but nonculturable <i>Vibrio alginolyticus</i> VIB283. <i>Archives of Microbiology</i> , <b>2007</b> , 188, 283-8	3	39

134	Overexpression and characterization of a novel thermostable <i>β</i> -glucuronidase YM01-3, from marine bacterium <i>Catenovulum agarivorans</i> YM01(T). <i>Marine Drugs</i> , <b>2014</b> , 12, 2731-47	6	38
133	Quorum sensing in marine snow and its possible influence on production of extracellular hydrolytic enzymes in marine snow bacterium <i>Pantoea ananatis</i> B9. <i>FEMS Microbiology Ecology</i> , <b>2015</b> , 91, 1-13	4.3	37
132	Purification and characterization of antibacterial compounds of <i>Pseudoalteromonas flavipulchra</i> JG1. <i>Microbiology (United Kingdom)</i> , <b>2012</b> , 158, 835-842	2.9	37
131	Comparative genomic analysis reveals the evolution and environmental adaptation strategies of vibrios. <i>BMC Genomics</i> , <b>2018</b> , 19, 135	4.5	35
130	<i>Aquimarina pacifica</i> sp. nov., isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2014</b> , 64, 1991-1997	2.2	34
129	Shifts in archaeaplankton community structure along ecological gradients of Pearl Estuary. <i>FEMS Microbiology Ecology</i> , <b>2014</b> , 90, 424-35	4.3	31
128	<i>Aquimarina longa</i> sp. nov., isolated from seawater, and emended description of <i>Aquimarina muelleri</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2013</b> , 63, 1235-1240	2.2	31
127	2D few-layer iron phosphosulfide: a self-buffer heterophase structure induced by irreversible breakage of PS bonds for high-performance lithium/sodium storage. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 1529-1538	13	30
126	Diversity, Abundance, and Niche Differentiation of Ammonia-Oxidizing Prokaryotes in Mud Deposits of the Eastern China Marginal Seas. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 137	5.7	29
125	Bacteria are important dimethylsulfoniopropionate producers in coastal sediments. <i>Nature Microbiology</i> , <b>2019</b> , 4, 1815-1825	26.6	28
124	Biogenic production of DMSP and its degradation to DMS-their roles in the global sulfur cycle. <i>Science China Life Sciences</i> , <b>2019</b> , 62, 1296-1319	8.5	27
123	<i>Luteimonas abyssi</i> sp. nov., isolated from deep-sea sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2014</b> , 64, 668-674	2.2	27
122	Effect of silicon on seed germination and the physiological characteristics of <i>Glycyrrhizauralensis</i> under different levels of salinity. <i>Journal of Horticultural Science and Biotechnology</i> , <b>2015</b> , 90, 439-443	1.9	27
121	sp. nov., isolated from seawater of the South Pacific Gyre. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2016</b> , 66, 542-547	2.2	23
120	Shift of anammox bacterial community structure along the Pearl Estuary and the impact of environmental factors. <i>Journal of Geophysical Research: Oceans</i> , <b>2015</b> , 120, 2869-2883	3.3	22
119	<i>Aquimarina megaterium</i> sp. nov., isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2014</b> , 64, 122-127	2.2	22
118	<i>Flaviramulus ichthyenteri</i> sp. nov., an N-acylhomoserine lactone-degrading bacterium isolated from the intestine of a flounder ( <i>Paralichthys olivaceus</i> ), and emended descriptions of the genus <i>Flaviramulus</i> and <i>Flaviramulus basaltis</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2013</b> , 63, 4477-4483	2.2	22
117	<i>Catenovulum agarivorans</i> gen. nov., sp. nov., a peritrichously flagellated, chain-forming, agar-hydrolysing gammaproteobacterium from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2011</b> , 61, 2866-2873	2.2	21

116	Spatiotemporal Dynamics of Free-Living and Particle-Associated Communities in the Northern Chinese Marginal Seas. <i>Applied and Environmental Microbiology</i> , <b>2019</b> , 85,	4.8	20
115	Novel insights into the Thaumarchaeota in the deepest oceans: their metabolism and potential adaptation mechanisms. <i>Microbiome</i> , <b>2020</b> , 8, 78	16.6	20
114	Genome analysis of <i>Pseudoalteromonas flavipulchra</i> JG1 reveals various survival advantages in marine environment. <i>BMC Genomics</i> , <b>2013</b> , 14, 707	4.5	20
113	Description of <i>Thalassotalea piscium</i> gen. nov., sp. nov., isolated from flounder ( <i>Paralichthys olivaceus</i> ), reclassification of four species of the genus <i>Thalassomonas</i> as members of the genus <i>Thalassotalea</i> gen. nov. and emended description of the genus <i>Thalassomonas</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2014</b> , 64, 1223-1228	2.2	20
112	<i>Oceanobacillus pacificus</i> sp. nov., isolated from a deep-sea sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2014</b> , 64, 1278-1283	2.2	19
111	<i>Muricauda pacifica</i> sp. nov., isolated from seawater of the South Pacific Gyre. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2015</b> , 65, 4087-4092	2.2	19
110	Bacterial community structure in intertidal sediments of Fildes Peninsula, maritime Antarctica. <i>Polar Biology</i> , <b>2017</b> , 40, 339-349	2	18
109	<i>Spinactinospora alkalitolerans</i> gen. nov., sp. nov., an actinomycete isolated from marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2011</b> , 61, 2805-2810	2.2	18
108	PfmA, a novel quorum-quenching N-acylhomoserine lactone acylase from <i>Pseudoalteromonas flavipulchra</i> . <i>Microbiology (United Kingdom)</i> , <b>2017</b> , 163, 1389-1398	2.9	18
107	Early diagenesis and authigenic mineral formation in mobile muds of the Changjiang Estuary and adjacent shelf. <i>Journal of Marine Systems</i> , <b>2017</b> , 172, 64-74	2.7	17
106	Sediment Depth-Dependent Spatial Variations of Bacterial Communities in Mud Deposits of the Eastern China Marginal Seas. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1128	5.7	17
105	<i>Myroides phaeus</i> sp. nov., isolated from human saliva, and emended descriptions of the genus <i>Myroides</i> and the species <i>Myroides profundus</i> Zhang et al. 2009 and <i>Myroides marinus</i> Cho et al. 2011. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2012</b> , 62, 770-775	2.2	17
104	Novel Insights Into Bacterial Dimethylsulfoniopropionate Catabolism in the East China Sea. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 3206	5.7	17
103	Characterization and overexpression of a glycosyl hydrolase family 16 beta-agarase YM01-1 from marine bacterium <i>Catenovulum agarivorans</i> YM01. <i>Protein Expression and Purification</i> , <b>2018</b> , 143, 1-8	2	16
102	Genomic analysis of <i>Luteimonas abyssi</i> XH031(T): insights into its adaption to the subseafloor environment of South Pacific Gyre and ecological role in biogeochemical cycle. <i>BMC Genomics</i> , <b>2015</b> , 16, 1092	4.5	16
101	Antibacterial activity of gallic acid from the flowers of <i>Rosa chinensis</i> Jacq. against fish pathogens. <i>Aquaculture Research</i> , <b>2007</b> , 38, 1110-1112	1.9	16
100	Genome analysis of <i>Flaviramulus ichthyenteris</i> Th78(T) in the family Flavobacteriaceae: insights into its quorum quenching property and potential roles in fish intestine. <i>BMC Genomics</i> , <b>2015</b> , 16, 38	4.5	15
99	<i>Achromobacter sediminum</i> sp. nov., isolated from deep subseafloor sediment of South Pacific Gyre. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2014</b> , 64, 2244-2249	2.2	15

98	Dissolved black carbon is not likely a significant refractory organic carbon pool in rivers and oceans. <i>Nature Communications</i> , <b>2020</b> , 11, 5051	17.4	15
97	Bacteria are important dimethylsulfoniopropionate producers in marine aphotic and high-pressure environments. <i>Nature Communications</i> , <b>2020</b> , 11, 4658	17.4	15
96	Marine Microbiological Enzymes: Studies with Multiple Strategies and Prospects. <i>Marine Drugs</i> , <b>2016</b> , 14,	6	15
95	Degradation properties of various macromolecules of cultivable psychrophilic bacteria from the deep-sea water of the South Pacific Gyre. <i>Extremophiles</i> , <b>2016</b> , 20, 663-71	3	14
94	A novel stress response mechanism, triggered by indole, involved in quorum quenching enzyme MomL and iron-sulfur cluster in <i>Muricauda olearia</i> Th120. <i>Scientific Reports</i> , <b>2017</b> , 7, 4252	4.9	14
93	Carbohydrate catabolic capability of a <i>Flavobacteriia</i> bacterium isolated from hadal water. <i>Systematic and Applied Microbiology</i> , <b>2019</b> , 42, 263-274	4.2	14
92	Silicon promotes seedling growth and alters endogenous IAA, GA3 and ABA concentrations in <i>Glycyrrhiza uralensis</i> under 100 mM NaCl stress. <i>Journal of Horticultural Science and Biotechnology</i> , <b>2019</b> , 94, 87-93	1.9	14
91	<i>Roseivivax marinus</i> sp. nov., isolated from deep water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2014</b> , 64, 2540-2544	2.2	13
90	<i>Lentibacter algarum</i> gen. nov., sp. nov., isolated from coastal water during a massive green algae bloom. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2012</b> , 62, 1042-1047	2.2	13
89	<i>Salinactinospora qingdaonensis</i> gen. nov., sp. nov., a halophilic actinomycete isolated from a salt pond. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2012</b> , 62, 954-959	2.2	13
88	<i>Xuhuaishuia manganoxidans</i> gen. nov., sp. nov., a manganese-oxidizing bacterium isolated from deep-sea sediments from the Pacific Polymetallic Nodule Province. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2016</b> , 66, 1521-1526	2.2	13
87	LaaA, a novel high-active alkalophilic alpha-amylase from deep-sea bacterium <i>Luteimonas abyssi</i> XH031(T). <i>Enzyme and Microbial Technology</i> , <b>2016</b> , 90, 83-92	3.8	13
86	The Mechanisms and Applications of Quorum Sensing (QS) and Quorum Quenching (QQ). <i>Journal of Ocean University of China</i> , <b>2019</b> , 18, 1427-1442	1	13
85	A nearly uniform distributional pattern of heterotrophic bacteria in the Mariana Trench interior. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2018</b> , 142, 116-126	2.5	13
84	Mechanistic insight into 3-methylmercaptopropionate metabolism and kinetical regulation of demethylation pathway in marine dimethylsulfoniopropionate-catabolizing bacteria. <i>Molecular Microbiology</i> , <b>2019</b> , 111, 1057-1073	4.1	12
83	Diversity of culturable heterotrophic bacteria from the Mariana Trench and their ability to degrade macromolecules. <i>Marine Life Science and Technology</i> , <b>2020</b> , 2, 181-193	4.5	12
82	<i>Deinococcus antarcticus</i> sp. nov., isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2015</b> , 65, 331-335	2.2	12
81	Diversity and Abundance of the Denitrifying Microbiota in the Sediment of Eastern China Marginal Seas and the Impact of Environmental Factors. <i>Microbial Ecology</i> , <b>2017</b> , 73, 602-615	4.4	11

80	<i>Nocardioides pacificus</i> sp. nov., isolated from deep sub-seafloor sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2014</b> , 64, 2217-2222	2.2	11
79	<i>Marinicella pacifica</i> sp. nov., isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2016</b> , 66, 2313-2318	2.2	11
78	<i>Photobacterium alginatilyticum</i> sp. nov., a marine bacterium isolated from bottom seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2017</b> , 67, 1912-1917	2.2	11
77	Distribution patterns of ammonia-oxidizing archaea and bacteria in sediments of the eastern China marginal seas. <i>Systematic and Applied Microbiology</i> , <b>2018</b> , 41, 658-668	4.2	11
76	Indole Reverses Intrinsic Antibiotic Resistance by Activating a Novel Dual-Function Importer. <i>MBio</i> , <b>2019</b> , 10,	7.8	10
75	Role of RpoN from LZB033 () in Formation of Flagella and Biofilms, Motility, and Environmental Adaptation. <i>Applied and Environmental Microbiology</i> , <b>2019</b> , 85,	4.8	10
74	Studies on bacterial pathogens isolated from diseased torafugu ( <i>Takifugu rubripes</i> ) cultured in marine industrial recirculation aquaculture system in Shandong Province, China. <i>Aquaculture Research</i> , <b>2015</b> , 46, 736-744	1.9	10
73	Methane production in oxic seawater of the western North Pacific and its marginal seas. <i>Limnology and Oceanography</i> , <b>2020</b> , 65, 2352-2365	4.8	10
72	Spatiotemporal dynamics of the total and active <i>Vibrio</i> spp. populations throughout the Changjiang estuary in China. <i>Environmental Microbiology</i> , <b>2020</b> , 22, 4438-4455	5.2	10
71	DMSP-Producing Bacteria Are More Abundant in the Surface Microlayer than Subsurface Seawater of the East China Sea. <i>Microbial Ecology</i> , <b>2020</b> , 80, 350-365	4.4	10
70	Gel microbead cultivation with a subenrichment procedure can yield better bacterial cultivability from a seawater sample than standard plating method. <i>Journal of Ocean University of China</i> , <b>2012</b> , 11, 45-51	1	10
69	Genomic insight into <i>Aquimarina longa</i> SW024 T: its ultra-oligotrophic adapting mechanisms and biogeochemical functions. <i>BMC Genomics</i> , <b>2015</b> , 16, 772	4.5	10
68	<i>Huaishuia halophila</i> gen. nov., sp. nov., isolated from coastal seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2012</b> , 62, 223-228	2.2	10
67	<i>Aquimarina hainanensis</i> sp. nov., isolated from diseased Pacific white shrimp <i>Litopenaeus vannamei</i> larvae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2016</b> , 66, 70-75	2.2	10
66	<i>Salipiger nanhaiensis</i> sp. nov., a bacterium isolated from deep sea water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2015</b> , 65, 1122-1126	2.2	9
65	Metagenomic Insights Into the Cycling of Dimethylsulfoniopropionate and Related Molecules in the Eastern China Marginal Seas. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 157	5.7	9
64	Enhanced Activity against Multidrug-Resistant Bacteria through Coapplication of an Analogue of Tachyplesin I and an Inhibitor of the QseC/B Signaling Pathway. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 3475-3484	8.3	9
63	<i>Loktanella sediminum</i> sp. nov., isolated from marine surface sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2015</b> , 65, 686-691	2.2	9



62	Luteococcus sediminum sp. nov., isolated from deep seafloor sediment of the South Pacific Gyre. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2014</b> , 64, 2522-2527	2.2	9
61	Salinicoccus qingdaonensis sp. nov., isolated from coastal seawater during a bloom of green algae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2012</b> , 62, 545-549	2.2	9
60	Viable but nonculturable bacteria and their resuscitation: implications for cultivating uncultured marine microorganisms. <i>Marine Life Science and Technology</i> , <b>2021</b> , 3, 189-203	4.5	9
59	Characterization of a Novel -Acylhomoserine Lactonase RmmL from YJ3. <i>Marine Drugs</i> , <b>2018</b> , 16,	6	9
58	Spatial Heterogeneity of spp. in Sediments of Chinese Marginal Seas. <i>Applied and Environmental Microbiology</i> , <b>2019</b> , 85,	4.8	8
57	Flavirhabdus iliipiscaria gen. nov., sp. nov., isolated from intestine of flounder (Paralichthys olivaceus) and emended descriptions of the genera Flavivirga, Algibacter, Bizionia and Formosa. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2015</b> , 65, 1347-1353	2.2	8
56	Ferrimonas sediminum sp. nov., isolated from coastal sediment of an amphioxus breeding zone. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2013</b> , 63, 977-981	2.2	8
55	Flavobacterium ovatum sp. nov., a marine bacterium isolated from an Antarctic intertidal sandy beach. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2018</b> , 68, 795-800	2.2	8
54	Comparative genomic and metabolic analysis of manganese-oxidizing mechanisms in Celeribacter manganoxidans DY25: Its adaptation to the environment of polymetallic nodules. <i>Genomics</i> , <b>2020</b> , 112, 2080-2091	4.3	8
53	A novel ATP dependent dimethylsulfonylpropionate lyase in bacteria that releases dimethyl sulfide and acryloyl-CoA. <i>ELife</i> , <b>2021</b> , 10,	8.9	8
52	Vertical variation in Vibrio community composition in Sansha Yongle Blue Hole and its ability to degrade macromolecules. <i>Marine Life Science and Technology</i> , <b>2020</b> , 2, 60-72	4.5	8
51	Activity Improvement and Vital Amino Acid Identification on the Marine-Derived Quorum Quenching Enzyme MomL by Protein Engineering. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	7
50	Ichthyenterobacterium magnum gen. nov., sp. nov., a member of the family Flavobacteriaceae isolated from olive flounder (Paralichthys olivaceus). <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2015</b> , 65, 1186-1192	2.2	7
49	The influence of proteolytic and cytolytic enzymes on starch degradation during mashing. <i>Journal of the Institute of Brewing</i> , <b>2014</b> , 120, n/a-n/a	2	7
48	A mutation in rcsB, a gene encoding the core component of the Rcs cascade, enhances the virulence of Edwardsiella tarda. <i>Research in Microbiology</i> , <b>2014</b> , 165, 226-32	4	7
47	Dokdonia pacifica sp. nov., isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2015</b> , 65, 2222-2226	2.2	7
46	Heterologous Expression of the Marine-Derived Quorum Quenching Enzyme MomL Can Expand the Antibacterial Spectrum of. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	6
45	Euzebya rosea sp. nov., a rare actinobacterium isolated from the East China Sea and analysis of two genome sequences in the genus Euzebya. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2018</b> , 68, 2900-2905	2.2	6

44	Abyssibacter profundus gen. nov., sp. nov., a marine bacterium isolated from seawater of the Mariana Trench. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2018</b> , 68, 3424-3429	2.2	6
43	Bacterioplanoides pacificum gen. nov., sp. nov., isolated from seawater of South Pacific Gyre. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2016</b> , 66, 5010-5015	2.2	6
42	Carbon Cycling in the World's Deepest Blue Hole. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2020</b> , 125, e2019JG005307	3.7	5
41	Enterovibrio pacificus sp. nov., isolated from seawater, and emended descriptions of Enterovibrio corallii and the genus Enterovibrio. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2016</b> , 66, 319-325	2.2	5
40	Roseibium sediminis sp. nov., isolated from sea surface sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2017</b> , 67, 2862-2867	2.2	5
39	Vertical diversity and association pattern of total, abundant and rare microbial communities in deep-sea sediments. <i>Molecular Ecology</i> , <b>2021</b> , 30, 2800-2816	5.7	5
38	Dynamic mechanism of breakdown in polypropylene-based nano-dielectric. <i>AIP Advances</i> , <b>2019</b> , 9, 015135	5	4
37	Interspecies and Intraspecies Signals Synergistically Regulate Lysobacter enzymogenes Twitching Motility. <i>Applied and Environmental Microbiology</i> , <b>2019</b> , 85,	4.8	4
36	sp. nov., a marine bacterium isolated from seawater of the Mariana Trench. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2020</b> , 70, 814-819	2.2	4
35	sp. nov., a marine bacterium isolated from hadal seawater of the Mariana Trench. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2020</b> , 70, 3794-3800	2.2	4
34	DiTing: A Pipeline to Infer and Compare Biogeochemical Pathways From Metagenomic and Metatranscriptomic Data. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 698286	5.7	4
33	Succession of marine bacteria in response to Ulva prolifera-derived dissolved organic matter. <i>Environment International</i> , <b>2021</b> , 155, 106687	12.9	4
32	Ancestral niche separation and evolutionary rate differentiation between sister marine flavobacteria lineages. <i>Environmental Microbiology</i> , <b>2020</b> , 22, 3234-3247	5.2	3
31	Two Highly Similar Chitinases from Marine Species have Different Enzymatic Properties. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	3
30	A novel heterologous expression strategy for the quorum-quenching enzyme MomL in Lysobacter enzymogenes to the inhibit pathogenicity of Pectobacterium. <i>Applied Microbiology and Biotechnology</i> , <b>2019</b> , 103, 8889-8898	5.7	3
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