Xiao-hua Zhang

List of Publications by Year
in descending order

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156 papers	4,935 citations	117625 34 h-index	144013 57 g-index
160 all docs	160 docs citations	160 times ranked	4582 citing authors

#	Article	IF	Citations
1	Dimethylsulfoniopropionate biosynthesis in marine bacteria and identification of the key gene in this process. Nature Microbiology, 2017, 2, 17009.	13.3	222
2	Spatiotemporal dynamics of the archaeal community in coastal sediments: assembly process and co-occurrence relationship. ISME Journal, 2020, 14, 1463-1478.	9.8	153
3	Vibrio harveyi: a serious pathogen of fish and invertebrates in mariculture. Marine Life Science and Technology, 2020, 2, 231-245.	4.6	147
4	Quorum Quenching Agents: Resources for Antivirulence Therapy. Marine Drugs, 2014, 12, 3245-3282.	4.6	141
5	Phylogenetic shifts of bacterioplankton community composition along the Pearl Estuary: the potential impact of hypoxia and nutrients. Frontiers in Microbiology, 2015, 6, 64.	3.5	135
6	Bacterial and Archaeal Communities in Sediments of the North Chinese Marginal Seas. Microbial Ecology, 2015, 70, 105-117.	2.8	133
7	Proliferation of hydrocarbon-degrading microbes at the bottom of the Mariana Trench. Microbiome, 2019, 7, 47.	11.1	128
8	Bacterial Community Associated with Healthy and Diseased Pacific White Shrimp (Litopenaeus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46 8, 1362.	3.5	105
9	MomL, a Novel Marine-Derived N -Acyl Homoserine Lactonase from Muricauda olearia. Applied and Environmental Microbiology, 2015, 81, 774-782.	3.1	104
10	Microbial assembly, interaction, functioning, activity and diversification: a review derived from community compositional data. Marine Life Science and Technology, 2019, 1, 112-128.	4.6	104
11	Significance of Vibrio species in the marine organic carbon cycleâ€"A review. Science China Earth Sciences, 2018, 61, 1357-1368.	5.2	99
12	Retention of Virulence in a Viable but Nonculturable Edwardsiella tarda Isolate. Applied and Environmental Microbiology, 2007, 73, 1349-1354.	3.1	98
13	Comparison of cultivable bacterial communities associated with Pacific white shrimp (Litopenaeus) Tj ETQq1 1 0.784314 rgBT /Overlock	3.5	93
14	Spatial distribution patterns of benthic microbial communities along the Pearl Estuary, China. Systematic and Applied Microbiology, 2014, 37, 578-589.	2.8	89
15	Spatial Variations in Microbial Community Composition in Surface Seawater from the Ultra-Oligotrophic Center to Rim of the South Pacific Gyre. PLoS ONE, 2013, 8, e55148.	2.5	76
16	Comparative genomic analysis reveals the evolution and environmental adaptation strategies of vibrios. BMC Genomics, 2018, 19, 135.	2.8	71
17	Biogenic production of DMSP and its degradation to DMSâ€"their roles in the global sulfur cycle. Science China Life Sciences, 2019, 62, 1296-1319.	4.9	68
18	Bacteria are important dimethylsulfoniopropionate producers in coastal sediments. Nature Microbiology, 2019, 4, 1815-1825.	13.3	67

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19	Evaluation of a new high-throughput method for identifying quorum quenching bacteria. Scientific Reports, 2013, 3, 2935.	3.3	66
20	Quorum sensing in marine snow and its possible influence on production of extracellular hydrolytic enzymes in marine snow bacterium Pantoea ananatis B9. FEMS Microbiology Ecology, 2015, 91, 1-13.	2.7	65
21	Bacteria are important dimethylsulfoniopropionate producers in marine aphotic and high-pressure environments. Nature Communications, 2020, 11, 4658.	12.8	62
22	Dissolved black carbon is not likely a significant refractory organic carbon pool in rivers and oceans. Nature Communications, 2020, 11, 5051.	12.8	53
23	2D few-layer iron phosphosulfide: a self-buffer heterophase structure induced by irreversible breakage of Pâ€“S bonds for high-performance lithium/sodium storage. Journal of Materials Chemistry A, 2019, 7, 1529-1538.	10.3	48
24	Purification and characterization of antibacterial compounds of Pseudoalteromonas flavipulchra JG1. Microbiology (United Kingdom), 2012, 158, 835-842.	1.8	47
25	Novel insights into the Thaumarchaeota in the deepest oceans: their metabolism and potential adaptation mechanisms. Microbiome, 2020, 8, 78.	11.1	47
26	Aquimarina pacifica sp. nov., isolated from seawater. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 1991-1997.	1.7	46
27	Description of Thalassotalea piscium gen. nov., sp. nov., isolated from flounder (Paralichthys) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Thalassotalea gen. nov. and emended description of the genus Thalassomonas. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 1223-1228.	1.7	46
28	Spatiotemporal Dynamics of Free-Living and Particle-Associated Vibrio Communities in the Northern Chinese Marginal Seas. Applied and Environmental Microbiology, 2019, 85, .	3.1	46
29	Characterization and resuscitation of viable but nonculturable Vibrio alginolyticus VIB283. Archives of Microbiology, 2007, 188, 283-288.	2.2	45
30	Viable but nonculturable bacteria and their resuscitation: implications for cultivating uncultured marine microorganisms. Marine Life Science and Technology, 2021, 3, 189-203.	4.6	44
31	Aquimarina longa sp. nov., isolated from seawater, and emended description of Aquimarina muelleri. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 1235-1240.	1.7	42
32	Overexpression and Characterization of a Novel Thermostable Î²-Agarase YM01-3, from Marine Bacterium Catenovulum agarivorans YM01T. Marine Drugs, 2014, 12, 2731-2747.	4.6	42
33	Shifts in archaeaplankton community structure along ecological gradients of Pearl Estuary. FEMS Microbiology Ecology, 2014, 90, n/a-n/a.	2.7	41
34	Vertical diversity and association pattern of total, abundant and rare microbial communities in deepâ€sea sediments. Molecular Ecology, 2021, 30, 2800-2816.	3.9	41
35	Diversity, Abundance, and Niche Differentiation of Ammonia-Oxidizing Prokaryotes in Mud Deposits of the Eastern China Marginal Seas. Frontiers in Microbiology, 2016, 7, 137.	3.5	40
36	A novel ATP dependent dimethylsulfoniopropionate lyase in bacteria that releases dimethyl sulfide and acryloyl-CoA. ELife, 2021, 10, .	6.0	38

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37	Luteimonas abyssi sp. nov., isolated from deep-sea sediment. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 668-674.	1.7	36
38	Effect of silicon on seed germination and the physiological characteristics ofGlycyrrhizauralensisunder different levels of salinity. Journal of Horticultural Science and Biotechnology, 2015, 90, 439-443.	1.9	36
39	Novel Insights Into Bacterial Dimethylsulfoniopropionate Catabolism in the East China Sea. Frontiers in Microbiology, 2018, 9, 3206.	3.5	35
40	Catenovulum agarivorans gen. nov., sp. nov., a peritrichously flagellated, chain-forming, agar-hydrolysing gammaproteobacterium from seawater. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 2866-2873.	1.7	34
41	Aquimarina megaterium sp. nov., isolated from seawater. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 122-127.	1.7	34
42	The Mechanisms and Applications of Quorum Sensing (QS) and Quorum Quenching (QQ). Journal of Ocean University of China, 2019, 18, 1427-1442.	1.2	34
43	Flaviramulus ichthyoenteri sp. nov., an N-acylhomoserine lactone-degrading bacterium isolated from the intestine of a flounder (Paralichthys olivaceus), and emended descriptions of the genus Flaviramulus and Flaviramulus basaltis. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 4477-4483.	1.7	33
44	Sediment Depth-Dependent Spatial Variations of Bacterial Communities in Mud Deposits of the Eastern China Marginal Seas. Frontiers in Microbiology, 2018, 9, 1128.	3.5	32
45	Vertical variation in Vibrio community composition in Sansha Yongle Blue Hole and its ability to degrade macromolecules. Marine Life Science and Technology, 2020, 2, 60-72.	4.6	32
46	Indole Reverses Intrinsic Antibiotic Resistance by Activating a Novel Dual-Function Importer. MBio, 2019, 10, .	4.1	31
47	Silicon promotes seedling growth and alters endogenous IAA, GA₃ and ABA concentrations in Glycyrrhiza uralensis under 100 mM NaCl stress. Journal of Horticultural Science and Biotechnology, 2019, 94, 87-93.	1.9	31
48	Arcobacter pacificus sp. nov., isolated from seawater of the South Pacific Gyre. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 542-547.	1.7	31
49	Marine Microbiological Enzymes: Studies with Multiple Strategies and Prospects. Marine Drugs, 2016, 14, 171.	4.6	30
50	Muricauda pacifica sp. nov., isolated from seawater of the South Pacific Gyre. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4087-4092.	1.7	30
51	Myroides phaeus sp. nov., isolated from human saliva, and emended descriptions of the genus Myroides and the species Myroides profundi Zhang et al. 2009 and Myroides marinus Cho et al. 2011. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 770-775.	1.7	29
52	Spinactinospora alkalitolerans gen. nov., sp. nov., an actinomycete isolated from marine sediment. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 2805-2810.	1.7	28
53	Shift of anammox bacterial community structure along the <scp>P</scp>earl <scp>E</scp>stuary and the impact of environmental factors. Journal of Geophysical Research: Oceans, 2015, 120, 2869-2883.	2.6	28
54	Bacterial community structure in intertidal sediments of Fildes Peninsula, maritime Antarctica. Polar Biology, 2017, 40, 339-349.	1.2	28

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55	Diversity of culturable heterotrophic bacteria from the Mariana Trench and their ability to degrade macromolecules. Marine Life Science and Technology, 2020, 2, 181-193.	4.6	28
56	DMSP-Producing Bacteria Are More Abundant in the Surface Microlayer than Subsurface Seawater of the East China Sea. Microbial Ecology, 2020, 80, 350-365.	2.8	28
57	A nearly uniform distributional pattern of heterotrophic bacteria in the Mariana Trench interior. Deep-Sea Research Part I: Oceanographic Research Papers, 2018, 142, 116-126.	1.4	27
58	Oceanobacillus pacificus sp. nov., isolated from a deep-sea sediment. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 1278-1283.	1.7	26
59	Early diagenesis and authigenic mineral formation in mobile muds of the Changjiang Estuary and adjacent shelf. Journal of Marine Systems, 2017, 172, 64-74.	2.1	26
60	Salinactinospora qingdaonensis gen. nov., sp. nov., a halophilic actinomycete isolated from a salt pond. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 954-959.	1.7	25
61	Carbohydrate catabolic capability of a Flavobacteriia bacterium isolated from hadal water. Systematic and Applied Microbiology, 2019, 42, 263-274.	2.8	25
62	A novel stress response mechanism, triggered by indole, involved in quorum quenching enzyme MomL and iron-sulfur cluster in Muricauda olearia Th120. Scientific Reports, 2017, 7, 4252.	3.3	24
63	Succession of marine bacteria in response to Ulva prolifera-derived dissolved organic matter. Environment International, 2021, 155, 106687.	10.0	24
64	PfmA, a novel quorum-quenching N-acylhomoserine lactone acylase from Pseudoalteromonas flavipulchra. Microbiology (United Kingdom), 2017, 163, 1389-1398.	1.8	24
65	Lentibacter algarum gen. nov., sp. nov., isolated from coastal water during a massive green algae bloom. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 1042-1047.	1.7	23
66	Genome analysis of Pseudoalteromonas flavipulchra JG1 reveals various survival advantages in marine environment. BMC Genomics, 2013, 14, 707.	2.8	23
67	Cultivation of uncultured marine microorganisms. Marine Life Science and Technology, 2021, 3, 117-120.	4.6	23
68	Xuhuaishuia manganoxidans gen. nov., sp. nov., a manganese-oxidizing bacterium isolated from deep-sea sediments from the Pacific Polymetallic Nodule Province. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 1521-1526.	1.7	23
69	Photobacterium alginatilyticum sp. nov., a marine bacterium isolated from bottom seawater. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 1912-1917.	1.7	23
70	Genomic analysis of Luteimonas abyssi XH031T: insights into its adaption to the subseafloor environment of South Pacific Gyre and ecological role in biogeochemical cycle. BMC Genomics, 2015, 16, 1092.	2.8	22
71	Genome analysis of Flaviramulus ichthyoenteri Th78T in the family Flavobacteriaceae: insights into its quorum quenching property and potential roles in fish intestine. BMC Genomics, 2015, 16, 38.	2.8	22
72	Flavirhabdus iliipiscaria gen. nov., sp. nov., isolated from intestine of flounder (Paralichthys) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 1347-1353.	1.7	22

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73	Spatiotemporal dynamics of the total and active Vibrio spp. populations throughout the Changjiang estuary in China. Environmental Microbiology, 2020, 22, 4438-4455.	3.8	22
74	Metagenomic Insights Into the Cycling of Dimethylsulfoniopropionate and Related Molecules in the Eastern China Marginal Seas. Frontiers in Microbiology, 2020, 11, 157.	3.5	22
75	Achromobacter sediminum sp. nov., isolated from deep subseafloor sediment of South Pacific Gyre. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2244-2249.	1.7	21
76	DiTing: A Pipeline to Infer and Compare Biogeochemical Pathways From Metagenomic and Metatranscriptomic Data. Frontiers in Microbiology, 2021, 12, 698286.	3.5	21
77	Euzebya rosea sp. nov., a rare actinobacterium isolated from the East China Sea and analysis of two genome sequences in the genus Euzebya. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 2900-2905.	1.7	21
78	Deinococcus antarcticus sp. nov., isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 331-335.	1.7	20
79	Characterization and overexpression of a glycosyl hydrolase family 16 beta-agarase YM01-1 from marine bacterium Catenovulum agarivorans YM01 T. Protein Expression and Purification, 2018, 143, 1-8.	1.3	20
80	Enhanced Activity against Multidrug-Resistant Bacteria through Coapplication of an Analogue of Tachyplesin I and an Inhibitor of the QseC/B Signaling Pathway. Journal of Medicinal Chemistry, 2020, 63, 3475-3484.	6.4	20
81	Antibacterial activity of gallic acid from the flowers of Rosa chinensis Jacq. against fish pathogens. Aquaculture Research, 2007, 38, 1110-1112.	1.8	19
82	Distribution patterns of ammonia-oxidizing archaea and bacteria in sediments of the eastern China marginal seas. Systematic and Applied Microbiology, 2018, 41, 658-668.	2.8	19
83	Role of RpoN from Labrenzia aggregata LZB033 (Rhodobacteraceae) in Formation of Flagella and Biofilms, Motility, and Environmental Adaptation. Applied and Environmental Microbiology, 2019, 85, .	3.1	19
84	Methane production in oxic seawater of the western North Pacific and its marginal seas. Limnology and Oceanography, 2020, 65, 2352-2365.	3.1	19
85	Huaishuia halophila gen. nov., sp. nov., isolated from coastal seawater. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 223-228.	1.7	18
86	Salipiger nanhaiensis sp. nov., a bacterium isolated from deep sea water. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 1122-1126.	1.7	18
87	Degradation properties of various macromolecules of cultivable psychrophilic bacteria from the deep-sea water of the South Pacific Gyre. Extremophiles, 2016, 20, 663-671.	2.3	18
88	Mechanistic insight into 3â€methylmercaptopropionate metabolism and kinetical regulation of demethylation pathway in marine dimethylsulfoniopropionateâ€catabolizing bacteria. Molecular Microbiology, 2019, 111, 1057-1073.	2.5	18
89	Spatial Heterogeneity of Vibrio spp. in Sediments of Chinese Marginal Seas. Applied and Environmental Microbiology, 2019, 85, .	3.1	18
90	Comparative genomic and metabolic analysis of manganese-oxidizing mechanisms in Celeribacter manganoxidans DY25T: Its adaptation to the environment of polymetallic nodules. Genomics, 2020, 112, 2080-2091.	2.9	18

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91	Insights into the Vertical Stratification of Microbial Ecological Roles across the Deepest Seawater Column on Earth. Microorganisms, 2020, 8, 1309.	3.6	18
92	Aquimarina hainanensis sp. nov., isolated from diseased Pacific white shrimp Litopenaeus vannamei larvae. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 70-75.	1.7	18
93	Roseivivax marinus sp. nov., isolated from deep water. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2540-2544.	1.7	17
94	Loktanella sediminum sp. nov., isolated from marine surface sediment. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 686-691.	1.7	17
95	Ichthyenterobacterium magnum gen. nov., sp. nov., a member of the family Flavobacteriaceae isolated from olive flounder (Paralichthys olivaceus). International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 1186-1192.	1.7	17
96	Carbon Cycling in the World's Deepest Blue Hole. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2019JG005307.	3.0	17
97	Oxidation of trimethylamine to trimethylamine N -oxide facilitates high hydrostatic pressure tolerance in a generalist bacterial lineage. Science Advances, 2021, 7, .	10.3	17
98	Marinicella pacifica sp. nov., isolated from seawater. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 2313-2318.	1.7	17
99	Nocardioides pacificus sp. nov., isolated from deep sub-seafloor sediment. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2217-2222.	1.7	16
100	LaaA, a novel high-active alkalophilic alpha-amylase from deep-sea bacterium Luteimonas abyssi XH031T. Enzyme and Microbial Technology, 2016, 90, 83-92.	3.2	15
101	Interspecies and Intraspecies Signals Synergistically Regulate Lysobacter enzymogenes Twitching Motility. Applied and Environmental Microbiology, 2019, 85, .	3.1	15
102	Activity Improvement and Vital Amino Acid Identification on the Marine-Derived Quorum Quenching Enzyme MomL by Protein Engineering. Marine Drugs, 2019, 17, 300.	4.6	15
103	Flavobacterium ovatum sp. nov., a marine bacterium isolated from an Antarctic intertidal sandy beach. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 795-800.	1.7	15
104	Vibrio sinensis sp. nov. and Vibrio viridaestus sp. nov., two marine bacteria isolated from the East China Sea. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 889-896.	1.7	15
105	Bacterioplanoides pacificum gen. nov., sp. nov., isolated from seawater of South Pacific Gyre. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 5010-5015.	1.7	15
106	Salinicoccus qingdaonensis sp. nov., isolated from coastal seawater during a bloom of green algae. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 545-549.	1.7	14
107	Luteococcus sediminum sp. nov., isolated from deep subseafloor sediment of the South Pacific Gyre. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2522-2527.	1.7	14
108	Diversity and Abundance of the Denitrifying Microbiota in the Sediment of Eastern China Marginal Seas and the Impact of Environmental Factors. Microbial Ecology, 2017, 73, 602-615.	2.8	14

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109	Vibrio ouci sp. nov. and Vibrio aquaticus sp. nov., two marine bacteria isolated from the East China Sea. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 172-179.	1.7	14
110	Ferrimonas sediminum sp. nov., isolated from coastal sediment of an amphioxus breeding zone. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 977-981.	1.7	13
111	Genomic insight into Aquimarina longa SW024T: its ultra-oligotrophic adapting mechanisms and biogeochemical functions. BMC Genomics, 2015, 16, 772.	2.8	13
112	Characterization of a Novel N-Acylhomoserine Lactonase RmmL from Ruegeria mobilis YJ3. Marine Drugs, 2018, 16, 370.	4.6	13
113	Dokdonia pacifica sp. nov., isolated from seawater. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 2222-2226.	1.7	13
114	Roseibium sediminis sp. nov., isolated from sea surface sediment. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2862-2867.	1.7	13
115	Abyssibacter profundi gen. nov., sp. nov., a marine bacterium isolated from seawater of the Mariana Trench. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 3424-3429.	1.7	13
116	Marinifilum breve sp. nov., a marine bacterium isolated from the Yongle Blue Hole in the South China Sea and emended description of the genus Marinifilum. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 3540-3545.	1.7	13
117	Gel microbead cultivation with a subenrichment procedure can yield better bacterial cultivability from a seawater sample than standard plating method. Journal of Ocean University of China, 2012, 11, 45-51.	1.2	12
118	Carbon cycling in the deep Mariana Trench in the western north Pacific Ocean: Insights from radiocarbon proxy data. Deep-Sea Research Part I: Oceanographic Research Papers, 2020, 164, 103370.	1.4	12
119	Two Highly Similar Chitinases from Marine Vibrio Species have Different Enzymatic Properties. Marine Drugs, 2020, 18, 139.	4.6	12
120	Bacterial Dimethylsulfoniopropionate Biosynthesis in the East China Sea. Microorganisms, 2021, 9, 657.	3.6	12
121	Allohahella marinimesophila gen. nov., sp. nov., isolated from seawater and reclassification of Hahella antarctica as Allohahella antarctica comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 3207-3213.	1.7	12
122	Glycocaulis profundi sp. nov., a marine bacterium isolated from seawater of the Mariana Trench. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 814-819.	1.7	12
123	Marinobacter salinexigens sp. nov., a marine bacterium isolated from hadal seawater of the Mariana Trench. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 3794-3800.	1.7	12
124	Studies on bacterial pathogens isolated from diseased torafugu (Takifugu rubripes) cultured in marine industrial recirculation aquaculture system in Shandong Province, China. Aquaculture Research, 2015, 46, 736-744.	1.8	11
125	Aureibacillus halotolerans gen. nov., sp. nov., isolated from marine sediment. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 3950-3958.	1.7	11
126	Enterovibrio pacificus sp. nov., isolated from seawater, and emended descriptions of Enterovibrio coralii and the genus Enterovibrio. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 319-325.	1.7	11

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127	Spatiotemporal distribution of bacterial dimethylsulfoniopropionate producing and catabolic genes in the Changjiang Estuary. Environmental Microbiology, 2021, 23, 7073-7092.	3.8	11
128	Heterologous Expression of the Marine-Derived Quorum Quenching Enzyme MomL Can Expand the Antibacterial Spectrum of Bacillus brevis. Marine Drugs, 2019, 17, 128.	4.6	10
129	Leucothrix pacifica sp. nov., isolated from seawater, and emended description of the genus Leucothrix. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 2397-2402.	1.7	10
130	A mutation in rcsB, a gene encoding the core component of the Rcs cascade, enhances the virulence of Edwardsiella tarda. Research in Microbiology, 2014, 165, 226-232.	2.1	9
131	Croceitalea marina sp. nov., isolated from marine particles of Yellow Sea, and emended description of the genera Croceitalea. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4253-4259.	1.7	9
132	Puteibacter caeruleilacunae gen. nov., sp. nov., a facultatively anaerobic bacterium isolated from Yongle Blue Hole in the South China Sea. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 1623-1629.	1.7	9
133	Winogradskyella ouciana sp. nov., isolated from the hadal seawater of the Mariana Trench. International Journal of Systematic and Evolutionary Microbiology, 2019, 71, .	1.7	9
134	The influence of proteolytic and cytolytic enzymes on starch degradation during mashing. Journal of the Institute of Brewing, 2014, 120, n/a-n/a.	2.3	8
135	Dynamic mechanism of breakdown in polypropylene-based nano-dielectric. AIP Advances, 2019, 9, 015135.	1.3	8
136	Ancestral niche separation and evolutionary rate differentiation between sister marine flavobacteria lineages. Environmental Microbiology, 2020, 22, 3234-3247.	3.8	8
137	What do we mean by viability in terms of â€˜viable but nonâ€culturableâ€™ cells?. Environmental Microbiology Reports, 2021, 13, 248-252.	2.4	8
138	Bacillus alkalitolerans sp. nov., isolated from marine sediment near a hydrothermal vent. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 1184-1189.	1.7	8
139	Metagenomic Insights Into the Microbial Assemblage Capable of Quorum Sensing and Quorum Quenching in Particulate Organic Matter in the Yellow Sea. Frontiers in Microbiology, 2020, 11, 602010.	3.5	7
140	Polaribacter pacificus sp. nov., isolated from a deep-sea polymetallic nodule from the Eastern Pacific Ocean. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3203-3208.	1.7	7
141	Thalassococcus profundi sp. nov., a marine bacterium isolated from deep seawater of the Okinawa Trough. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 920-925.	1.7	7
142	Comparative Genomic Analysis of Labrenzia aggregata (Alphaproteobacteria) Strains Isolated From the Mariana Trench: Insights Into the Metabolic Potentials and Biogeochemical Functions. Frontiers in Microbiology, 2021, 12, 770370.	3.5	6
143	Distinctive signatures of pathogenic and antibiotic resistant potentials in the hadal microbiome. Environmental Microbiomes, 2022, 17, 19.	5.0	6
144	Shift and Metabolic Potentials of Microbial Eukaryotic Communities Across the Full Depths of the Mariana Trench. Frontiers in Microbiology, 2020, 11, 603692.	3.5	5

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145	Marinifilum caeruleilacunae sp. nov., isolated from Yongle Blue Hole in the South China Sea. International Journal of Systematic and Evolutionary Microbiology, 2022, 72, .	1.7	5
146	A Culture-Dependent Method for the Identification of Quorum Quenching Enzymes of Microbial Origin. Methods in Molecular Biology, 2018, 1673, 297-309.	0.9	4
147	Dimethylsulfoniopropionate Biosynthetic Bacteria in the Subseafloor Sediments of the South China Sea. Frontiers in Microbiology, 2021, 12, 731524.	3.5	4
148	A novel heterologous expression strategy for the quorum-quenching enzyme MomL in Lysobacter enzymogenes to the inhibit pathogenicity of Pectobacterium. Applied Microbiology and Biotechnology, 2019, 103, 8889-8898.	3.6	3
149	Reply to: â€œQuestions remain about the biolability of dissolved black carbon along the combustion continuumâ€. Nature Communications, 2021, 12, 4282.	12.8	3
150	Reclassification of Xuhuaishuia manganoxidans Wang et al. 2015 as a later heterotypic synonym of Brevirhabdus pacifica Wu et al. 2015 and emendation of the species description. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3095-3098.	1.7	3
151	Marine life science and technology (MLST): a new journal highlighting all aspects of marine biology and biotechnology research. Marine Life Science and Technology, 2019, 1, 1-3.	4.6	2
152	The linear and nonlinear optical effects of white light. Science in China Series G: Physics, Mechanics and Astronomy, 2009, 52, 649-664.	0.2	1
153	Phylogenetic diversity and biological activities of marine actinomycetes isolated from sediments of the Yellow Sea Cold Water Mass, China. Marine Biology Research, 2015, 11, 551-560.	0.7	1
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