

Xiao-hua Zhang

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.

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	Distinctive signatures of pathogenic and antibiotic resistant potentials in the hadal microbiome.. <i>Environmental Microbiomes</i> , 2022 , 17, 19	5.6	2
150	Comparative Genomic Analysis of () Strains Isolated From the Mariana Trench: Insights Into the Metabolic Potentials and Biogeochemical Functions.. <i>Frontiers in Microbiology</i> , 2021 , 12, 770370	5.7	1
149	Spatiotemporal distribution of bacterial dimethylsulfoniopropionate producing and catabolic genes in the Changjiang Estuary. <i>Environmental Microbiology</i> , 2021 , 23, 7073-7092	5.2	2
148	Dimethylsulfoniopropionate Biosynthetic Bacteria in the Subseafloor Sediments of the South China Sea. <i>Frontiers in Microbiology</i> , 2021 , 12, 731524	5.7	1
147	Oxidation of trimethylamine to trimethylamine -oxide facilitates high hydrostatic pressure tolerance in a generalist bacterial lineage. <i>Science Advances</i> , 2021 , 7,	14.3	2
146	What do we mean by viability in terms of Viable but non-culturable Scells?. <i>Environmental Microbiology Reports</i> , 2021 , 13, 248-252	3.7	0
145	A novel ATP dependent dimethylsulfoniopropionate lyase in bacteria that releases dimethyl sulfide and acryloyl-CoA. <i>ELife</i> , 2021 , 10,	8.9	8
144	Vertical diversity and association pattern of total, abundant and rare microbial communities in deep-sea sediments. <i>Molecular Ecology</i> , 2021 , 30, 2800-2816	5.7	5
143	Reply to: "Questions remain about the biolability of dissolved black carbon along the combustion continuum". <i>Nature Communications</i> , 2021 , 12, 4282	17.4	1
142	Viable but nonculturable bacteria and their resuscitation: implications for cultivating uncultured marine microorganisms. <i>Marine Life Science and Technology</i> , 2021 , 3, 189-203	4.5	9
141	Bacterial Dimethylsulfoniopropionate Biosynthesis in the East China Sea. <i>Microorganisms</i> , 2021 , 9,	4.9	2
140	DiTing: A Pipeline to Infer and Compare Biogeochemical Pathways From Metagenomic and Metatranscriptomic Data. <i>Frontiers in Microbiology</i> , 2021 , 12, 698286	5.7	4
139	Succession of marine bacteria in response to <i>Ulva prolifera</i> -derived dissolved organic matter. <i>Environment International</i> , 2021 , 155, 106687	12.9	4
138	Methane production in oxic seawater of the western North Pacific and its marginal seas. <i>Limnology and Oceanography</i> , 2020 , 65, 2352-2365	4.8	10
137	Ancestral niche separation and evolutionary rate differentiation between sister marine flavobacteria lineages. <i>Environmental Microbiology</i> , 2020 , 22, 3234-3247	5.2	3
136	Novel insights into the Thaumarchaeota in the deepest oceans: their metabolism and potential adaptation mechanisms. <i>Microbiome</i> , 2020 , 8, 78	16.6	20
135	Two Highly Similar Chitinases from Marine Species have Different Enzymatic Properties. <i>Marine Drugs</i> , 2020 , 18,	6	3

134	Spatiotemporal dynamics of the archaeal community in coastal sediments: assembly process and co-occurrence relationship. <i>ISME Journal</i> , 2020 , 14, 1463-1478	11.9	56
133	Spatiotemporal dynamics of the total and active <i>Vibrio</i> spp. populations throughout the Changjiang estuary in China. <i>Environmental Microbiology</i> , 2020 , 22, 4438-4455	5.2	10
132	Metagenomic Insights Into the Cycling of Dimethylsulfoniopropionate and Related Molecules in the Eastern China Marginal Seas. <i>Frontiers in Microbiology</i> , 2020 , 11, 157	5.7	9
131	Carbon Cycling in the World's Deepest Blue Hole. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020 , 125, e2019JG005307	3.7	5
130	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> , 2020 , 63, 3475-3484	8.3	9
129	Diversity of culturable heterotrophic bacteria from the Mariana Trench and their ability to degrade macromolecules. <i>Marine Life Science and Technology</i> , 2020 , 2, 181-193	4.5	12
128	: a serious pathogen of fish and invertebrates in mariculture. <i>Marine Life Science and Technology</i> , 2020 , 2, 1-15	4.5	41
127	DMSP-Producing Bacteria Are More Abundant in the Surface Microlayer than Subsurface Seawater of the East China Sea. <i>Microbial Ecology</i> , 2020 , 80, 350-365	4.4	10
126	sp. nov. and sp. nov., two marine bacteria isolated from the East China Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 172-179	2.2	3
125	sp. nov., a marine bacterium isolated from seawater of the Mariana Trench. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 814-819	2.2	4
124	sp. nov. and sp. nov., two marine bacteria isolated from the East China Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 889-896	2.2	3
123	gen. nov., sp. nov., a facultatively anaerobic bacterium isolated from Yongle Blue Hole in the South China Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 1623-1629	2.2	1
122	sp. nov., a marine bacterium isolated from hadal seawater of the Mariana Trench. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 3794-3800	2.2	4
121	Comparative genomic and metabolic analysis of manganese-oxidizing mechanisms in <i>Celeribacter manganoxidans</i> DY25: Its adaptation to the environment of polymetallic nodules. <i>Genomics</i> , 2020 , 112, 2080-2091	4.3	8
120	Dissolved black carbon is not likely a significant refractory organic carbon pool in rivers and oceans. <i>Nature Communications</i> , 2020 , 11, 5051	17.4	15
119	Carbon cycling in the deep Mariana Trench in the western north Pacific Ocean: Insights from radiocarbon proxy data. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2020 , 164, 103370	2.5	2
118	Bacteria are important dimethylsulfoniopropionate producers in marine aphotic and high-pressure environments. <i>Nature Communications</i> , 2020 , 11, 4658	17.4	15
117	Insights into the Vertical Stratification of Microbial Ecological Roles across the Deepest Seawater Column on Earth. <i>Microorganisms</i> , 2020 , 8,	4.9	3

116	Vertical variation in <i>Vibrio</i> community composition in Sansha Yongle Blue Hole and its ability to degrade macromolecules. <i>Marine Life Science and Technology</i> , 2020 , 2, 60-72	4.5	8
115	Metagenomic Insights Into the Microbial Assemblage Capable of Quorum Sensing and Quorum Quenching in Particulate Organic Matter in the Yellow Sea. <i>Frontiers in Microbiology</i> , 2020 , 11, 602010	5.7	2
114	Shift and Metabolic Potentials of Microbial Eukaryotic Communities Across the Full Depths of the Mariana Trench. <i>Frontiers in Microbiology</i> , 2020 , 11, 603692	5.7	
113	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> , 2019 , 7, 1529-1538	13	30
112	Mechanistic insight into 3-methylmercaptopropionate metabolism and kinetical regulation of demethylation pathway in marine dimethylsulfoniopropionate-catabolizing bacteria. <i>Molecular Microbiology</i> , 2019 , 111, 1057-1073	4.1	12
111	Activity Improvement and Vital Amino Acid Identification on the Marine-Derived Quorum Quenching Enzyme MomL by Protein Engineering. <i>Marine Drugs</i> , 2019 , 17,	6	7
110	Indole Reverses Intrinsic Antibiotic Resistance by Activating a Novel Dual-Function Importer. <i>MBio</i> , 2019 , 10,	7.8	10
109	Dynamic mechanism of breakdown in polypropylene-based nano-dielectric. <i>AIP Advances</i> , 2019 , 9, 015135	5	4
108	Spatiotemporal Dynamics of Free-Living and Particle-Associated Communities in the Northern Chinese Marginal Seas. <i>Applied and Environmental Microbiology</i> , 2019 , 85,	4.8	20
107	Spatial Heterogeneity of spp. in Sediments of Chinese Marginal Seas. <i>Applied and Environmental Microbiology</i> , 2019 , 85,	4.8	8
106	Proliferation of hydrocarbon-degrading microbes at the bottom of the Mariana Trench. <i>Microbiome</i> , 2019 , 7, 47	16.6	66
105	Heterologous Expression of the Marine-Derived Quorum Quenching Enzyme MomL Can Expand the Antibacterial Spectrum of. <i>Marine Drugs</i> , 2019 , 17,	6	6
104	Role of RpoN from LZB033 () in Formation of Flagella and Biofilms, Motility, and Environmental Adaptation. <i>Applied and Environmental Microbiology</i> , 2019 , 85,	4.8	10
103	Bacteria are important dimethylsulfoniopropionate producers in coastal sediments. <i>Nature Microbiology</i> , 2019 , 4, 1815-1825	26.6	28
102	<i>Corallincola luteus</i> sp. nov., a marine bacterium isolated from surface sediment of Bohai Sea of China. <i>Antonie Van Leeuwenhoek</i> , 2019 , 112, 1691-1697	2.1	
101	Biogenic production of DMSP and its degradation to DMS-their roles in the global sulfur cycle. <i>Science China Life Sciences</i> , 2019 , 62, 1296-1319	8.5	27
100	Microbial assembly, interaction, functioning, activity and diversification: a review derived from community compositional data. <i>Marine Life Science and Technology</i> , 2019 , 1, 112-128	4.5	40
99	A novel heterologous expression strategy for the quorum-quenching enzyme MomL in <i>Lysobacter</i> enzymogenes to the inhibit pathogenicity of <i>Pectobacterium</i> . <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 8889-8898	5.7	3

98	Interspecies and Intraspecies Signals Synergistically Regulate <i>Lysobacter</i> enzymogenes Twitching Motility. <i>Applied and Environmental Microbiology</i> , 2019 , 85,	4.8	4
97	<i>Thalassococcus profundus</i> sp. nov., a marine bacterium isolated from deep seawater of the Okinawa Trough. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 920-925	2.2	1
96	sp. nov., isolated from the hadal seawater of the Mariana Trench. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 71,	2.2	1
95	Carbohydrate catabolic capability of a <i>Flavobacteriia</i> bacterium isolated from hadal water. <i>Systematic and Applied Microbiology</i> , 2019 , 42, 263-274	4.2	14
94	The Mechanisms and Applications of Quorum Sensing (QS) and Quorum Quenching (QQ). <i>Journal of Ocean University of China</i> , 2019 , 18, 1427-1442	1	13
93	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> , 2019 , 94, 87-93	1.9	14
92	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> , 2018 , 143, 1-8	2	16
91	Sediment Depth-Dependent Spatial Variations of Bacterial Communities in Mud Deposits of the Eastern China Marginal Seas. <i>Frontiers in Microbiology</i> , 2018 , 9, 1128	5.7	17
90	Comparative genomic analysis reveals the evolution and environmental adaptation strategies of vibrios. <i>BMC Genomics</i> , 2018 , 19, 135	4.5	35
89	Significance of <i>Vibrio</i> species in the marine organic carbon cycle—a review. <i>Science China Earth Sciences</i> , 2018 , 61, 1357-1368	4.6	55
88	<i>Flavobacterium ovatum</i> sp. nov., a marine bacterium isolated from an Antarctic intertidal sandy beach. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 795-800	2.2	8
87	<i>Bacillus alkalitolerans</i> sp. nov., isolated from marine sediment near a hydrothermal vent. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 1184-1189	2.2	3
86	<i>Euzebya rosea</i> sp. nov., a rare actinobacterium isolated from the East China Sea and analysis of two genome sequences in the genus <i>Euzebya</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 2900-2905	2.2	6
85	<i>Abyssibacter profundus</i> gen. nov., sp. nov., a marine bacterium isolated from seawater of the Mariana Trench. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 3424-3429	2.2	6
84	<i>Marinifilum breve</i> sp. nov., a marine bacterium isolated from the Yongle Blue Hole in the South China Sea and emended description of the genus <i>Marinifilum</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 3540-3545	2.2	3
83	A Culture-Dependent Method for the Identification of Quorum Quenching Enzymes of Microbial Origin. <i>Methods in Molecular Biology</i> , 2018 , 1673, 297-309	1.4	3
82	Novel Insights Into Bacterial Dimethylsulfoniopropionate Catabolism in the East China Sea. <i>Frontiers in Microbiology</i> , 2018 , 9, 3206	5.7	17
81	A nearly uniform distributional pattern of heterotrophic bacteria in the Mariana Trench interior. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018 , 142, 116-126	2.5	13

80	Characterization of a Novel -Acylhomoserine Lactonase RmML from YJ3. <i>Marine Drugs</i> , 2018 , 16,	6	9
79	Distribution patterns of ammonia-oxidizing archaea and bacteria in sediments of the eastern China marginal seas. <i>Systematic and Applied Microbiology</i> , 2018 , 41, 658-668	4.2	11
78	Bacterial community structure in intertidal sediments of Fildes Peninsula, maritime Antarctica. <i>Polar Biology</i> , 2017 , 40, 339-349	2	18
77	Dimethylsulfoniopropionate biosynthesis in marine bacteria and identification of the key gene in this process. <i>Nature Microbiology</i> , 2017 , 2, 17009	26.6	123
76	Early diagenesis and authigenic mineral formation in mobile muds of the Changjiang Estuary and adjacent shelf. <i>Journal of Marine Systems</i> , 2017 , 172, 64-74	2.7	17
75	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> , 2017 , 73, 602-615	4.4	11
74	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> , 2017 , 7, 4252	4.9	14
73	Bacterial Community Associated with Healthy and Diseased Pacific White Shrimp () Larvae and Rearing Water across Different Growth Stages. <i>Frontiers in Microbiology</i> , 2017 , 8, 1362	5.7	60
72	<i>Photobacterium alginatilyticum</i> sp. nov., a marine bacterium isolated from bottom seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 1912-1917	2.2	11
71	<i>Roseibium sediminis</i> sp. nov., isolated from sea surface sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 2862-2867	2.2	5
70	<i>Polaribacter pacificus</i> sp. nov., isolated from a deep-sea polymetallic nodule from the Eastern Pacific Ocean. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 3203-3208	2.2	2
69	<i>Croceitalea marina</i> sp. nov., isolated from marine particles of Yellow Sea, and emended description of the genera <i>Croceitalea</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 4253-4259	2.2	1
68	PfmA, a novel quorum-quenching N-acylhomoserine lactone acylase from <i>Pseudoalteromonas flavipulchra</i> . <i>Microbiology (United Kingdom)</i> , 2017 , 163, 1389-1398	2.9	18
67	Reclassification of <i>Xuhuaishuia manganoxidans</i> Wang et al. 2015 as a later heterotypic synonym of <i>Brevirhabdus pacifica</i> Wu et al. 2015 and emendation of the species description. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 3095-3098	2.2	0
66	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> , 2016 , 451, 163-169	4.4	57
65	Degradation properties of various macromolecules of cultivable psychrophilic bacteria from the deep-sea water of the South Pacific Gyre. <i>Extremophiles</i> , 2016 , 20, 663-71	3	14
64	<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> , 2016 , 66, 70-75	2.2	10
63	<i>Enterovibrio pacificus</i> sp. nov., isolated from seawater, and emended descriptions of <i>Enterovibrio corallii</i> and the genus <i>Enterovibrio</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 319-325	2.2	5

62	sp. nov., isolated from seawater of the South Pacific Gyre. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 542-547	2.2	23
61	Xuhuaishuia manganoxidans 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> , 2016 , 66, 1521-1526	2.2	13
60	Marinicella pacifica sp. nov., isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 2313-2318	2.2	11
59	Allohaella marinimesophila gen. nov., sp. nov., isolated from seawater and reclassification of Hahella antarctica as Allohaella antarctica comb. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 3207-3213	2.2	3
58	Bacterioplanoides pacificum gen. nov., sp. nov., isolated from seawater of South Pacific Gyre. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 5010-5015	2.2	6
57	Diversity, Abundance, and Niche Differentiation of Ammonia-Oxidizing Prokaryotes in Mud Deposits of the Eastern China Marginal Seas. <i>Frontiers in Microbiology</i> , 2016 , 7, 137	5.7	29
56	Marine Microbiological Enzymes: Studies with Multiple Strategies and Prospects. <i>Marine Drugs</i> , 2016 , 14,	6	15
55	LaaA, a novel high-active alkalophilic alpha-amylase from deep-sea bacterium Luteimonas abyssi XH031(T). <i>Enzyme and Microbial Technology</i> , 2016 , 90, 83-92	3.8	13
54	Genome analysis of Flaviramulus ichthyenteri Th78(T) in the family Flavobacteriaceae: insights into its quorum quenching property and potential roles in fish intestine. <i>BMC Genomics</i> , 2015 , 16, 38	4.5	15
53	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> , 2015 , 65, 1347-1353	2.2	8
52	Phylogenetic shifts of bacterioplankton community composition along the Pearl Estuary: the potential impact of hypoxia and nutrients. <i>Frontiers in Microbiology</i> , 2015 , 6, 64	5.7	92
51	Bacterial and archaeal communities in sediments of the north Chinese marginal seas. <i>Microbial Ecology</i> , 2015 , 70, 105-17	4.4	73
50	Salipiger nanhaiensis sp. nov., a bacterium isolated from deep sea water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 1122-1126	2.2	9
49	Quorum sensing in marine snow and its possible influence on production of extracellular hydrolytic enzymes in marine snow bacterium Pantoea ananatis B9. <i>FEMS Microbiology Ecology</i> , 2015 , 91, 1-13	4.3	37
48	Shift of anammox bacterial community structure along the Pearl Estuary and the impact of environmental factors. <i>Journal of Geophysical Research: Oceans</i> , 2015 , 120, 2869-2883	3.3	22
47	Studies on bacterial pathogens isolated from diseased torafugu (Takifugu rubripes) cultured in marine industrial recirculation aquaculture system in Shandong Province, China. <i>Aquaculture Research</i> , 2015 , 46, 736-744	1.9	10
46	MomL, a novel marine-derived N-acyl homoserine lactonase from Muricauda olearia. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 774-82	4.8	78
45	Genomic insight into Aquimarina longa SW024 T: its ultra-oligotrophic adapting mechanisms and biogeochemical functions. <i>BMC Genomics</i> , 2015 , 16, 772	4.5	10

44	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> , 2015 , 16, 1092	4.5	16
43	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> , 2015 , 90, 439-443	1.9	27
42	<i>Loktanella sediminum</i> sp. nov., isolated from marine surface sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 686-691	2.2	9
41	<i>Deinococcus antarcticus</i> sp. nov., isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 331-335	2.2	12
40	Phylogenetic diversity and biological activities of marine actinomycetes isolated from sediments of the Yellow Sea Cold Water Mass, China. <i>Marine Biology Research</i> , 2015 , 11, 551-560	1	1
39	<i>Ichthyenterobacterium magnum</i> gen. nov., sp. nov., a member of the family Flavobacteriaceae isolated from olive flounder (<i>Paralichthys olivaceus</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 1186-1192	2.2	7
38	<i>Dokdonia pacifica</i> sp. nov., isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 2222-2226	2.2	7
37	<i>Leucothrix pacifica</i> sp. nov., isolated from seawater, and emended description of the genus <i>Leucothrix</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 2397-2402	2.2	3
36	<i>Aureibacillus halotolerans</i> gen. nov., sp. nov., isolated from marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 3950-3958	2.2	2
35	<i>Muricauda pacifica</i> sp. nov., isolated from seawater of the South Pacific Gyre. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 4087-4092	2.2	19
34	<i>Achromobacter sediminum</i> sp. nov., isolated from deep subseafloor sediment of South Pacific Gyre. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 2244-2249	2.2	15
33	<i>Aquimarina megaterium</i> sp. nov., isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 122-127	2.2	22
32	Shifts in archaeoplankton community structure along ecological gradients of Pearl Estuary. <i>FEMS Microbiology Ecology</i> , 2014 , 90, 424-35	4.3	31
31	<i>Luteimonas abyssi</i> sp. nov., isolated from deep-sea sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 668-674	2.2	27
30	<i>Nocardioides pacificus</i> sp. nov., isolated from deep sub-seafloor sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 2217-2222	2.2	11
29	<i>Oceanobacillus pacificus</i> sp. nov., isolated from a deep-sea sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 1278-1283	2.2	19
28	Overexpression and characterization of a novel thermostable α -glucuronidase YM01-3, from marine bacterium <i>Catenovulum agarivorans</i> YM01(T). <i>Marine Drugs</i> , 2014 , 12, 2731-47	6	38
27	Quorum quenching agents: resources for antivirulence therapy. <i>Marine Drugs</i> , 2014 , 12, 3245-82	6	110

26	The influence of proteolytic and cytolytic enzymes on starch degradation during mashing. <i>Journal of the Institute of Brewing</i> , 2014 , 120, n/a-n/a	2	7
25	Aquimarina pacifica sp. nov., isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 1991-1997	2.2	34
24	Spatial distribution patterns of benthic microbial communities along the Pearl Estuary, China. <i>Systematic and Applied Microbiology</i> , 2014 , 37, 578-89	4.2	58
23	Roseivivax marinus sp. nov., isolated from deep water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 2540-2544	2.2	13
22	Description of Thalassotalea piscium gen. nov., sp. nov., isolated from flounder (Paralichthys olivaceus), reclassification of four species of the genus Thalassomonas as members of the genus Thalassotalea gen. nov. and emended description of the genus Thalassomonas. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 1223-1228	2.2	20
21	Luteococcus sediminum sp. nov., isolated from deep subseafloor sediment of the South Pacific Gyre. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 2522-2527	2.2	9
20	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> , 2014 , 165, 226-32	4	7
19	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. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 4477-4483	2.2	22
18	Genome analysis of Pseudoalteromonas flavipulchra JG1 reveals various survival advantages in marine environment. <i>BMC Genomics</i> , 2013 , 14, 707	4.5	20
17	Ferrimonas sediminum sp. nov., isolated from coastal sediment of an amphioxus breeding zone. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 977-981	2.2	8
16	Aquimarina longa sp. nov., isolated from seawater, and emended description of Aquimarina muelleri. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 1235-1240	2.2	31
15	Evaluation of a new high-throughput method for identifying quorum quenching bacteria. <i>Scientific Reports</i> , 2013 , 3, 2935	4.9	52
14	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> , 2013 , 8, e55148	3.7	61
13	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> , 2012 , 11, 45-51	1	10
12	Lentibacter algarum gen. nov., sp. nov., isolated from coastal water during a massive green algae bloom. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 1042-1047	2.2	13
11	Salinactinospora qingdaonensis gen. nov., sp. nov., a halophilic actinomycete isolated from a salt pond. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 954-959	2.2	13
10	Huaishuia halophila gen. nov., sp. nov., isolated from coastal seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 223-228	2.2	10
9	Purification and characterization of antibacterial compounds of Pseudoalteromonas flavipulchra JG1. <i>Microbiology (United Kingdom)</i> , 2012 , 158, 835-842	2.9	37

8	Salinicoccus qingdaonensis sp. nov., isolated from coastal seawater during a bloom of green algae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 545-549	2.2	9
7	Myroides phaeus sp. nov., isolated from human saliva, and emended descriptions of the genus Myroides and the species Myroides profundus Zhang et al. 2009 and Myroides marinus Cho et al. 2011. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 770-775	2.2	17
6	Catenovulum agarivorans gen. nov., sp. nov., a peritrichously flagellated, chain-forming, agar-hydrolysing gammaproteobacterium from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 2866-2873	2.2	21
5	Spinactinospora alkalitolerans gen. nov., sp. nov., an actinomycete isolated from marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 2805-2810	2.2	18
4	The linear and nonlinear optical effects of white light 2009 , 52, 649-664		1
3	Antibacterial activity of gallic acid from the flowers of Rosa chinensis Jacq. against fish pathogens. <i>Aquaculture Research</i> , 2007 , 38, 1110-1112	1.9	16
2	Characterization and resuscitation of viable but nonculturable Vibrio alginolyticus VIB283. <i>Archives of Microbiology</i> , 2007 , 188, 283-8	3	39
1	Retention of virulence in a viable but nonculturable Edwardsiella tarda isolate. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 1349-54	4.8	75