

Yu-Zhong Zhang

List of Publications by Year in descending order

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221
papers

6,913
citations

61857

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91712

69
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229
all docs

229
docs citations

229
times ranked

7225
citing authors

#	ARTICLE	IF	CITATIONS
1	Scientific and technological progress in the microbial exploration of the hadal zone. <i>Marine Life Science and Technology</i> , 2022, 4, 127-137.	1.8	8
2	Genome sequencing and comparative genomics analysis of <i>Halomonas</i> sp. MT13 reveal genetic adaptation to deep-sea environment. <i>Marine Genomics</i> , 2022, 61, 100911.	0.4	4
3	<scp>d</scp> -Alanine Metabolism via <scp>d</scp> Ala Aminotransferase by a Marine Gammaproteobacterium, <i>Pseudoalteromonas</i> sp. Strain CF6-2. <i>Applied and Environmental Microbiology</i> , 2022, 88, AEM0221921.	1.4	1
4	<i>Halomonas profundus</i> sp. nov., isolated from deep-sea sediment of the Mariana Trench. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	0.8	8
5	Description of <i>Aureibaculum luteum</i> sp. nov. and <i>Aureibaculum flavum</i> sp. nov. isolated from Antarctic intertidal sediments. <i>Antonie Van Leeuwenhoek</i> , 2022, 115, 391.	0.7	1
6	A Novel Gelatinase from Marine <i>Flocculibacter collagenilyticus</i> SM1988: Characterization and Potential Application in Collagen Oligopeptide-Rich Hydrolysate Preparation. <i>Marine Drugs</i> , 2022, 20, 48.	2.2	3
7	Structure of <i>Vibrio</i> collagenase VhaC provides insight into the mechanism of bacterial collagenolysis. <i>Nature Communications</i> , 2022, 13, 566.	5.8	9
8	Characterization of the Trimethylamine N-Oxide Transporter From <i>Pelagibacter</i> Strain HTCC1062 Reveals Its Oligotrophic Niche Adaption. <i>Frontiers in Microbiology</i> , 2022, 13, 838608.	1.5	1
9	A Novel Alginate Lyase: Identification, Characterization, and Potential Application in Alginate Trisaccharide Preparation. <i>Marine Drugs</i> , 2022, 20, 159.	2.2	16
10	Identification and Characterization of Three Chitinases with Potential in Direct Conversion of Crystalline Chitin into N,Nâ€²-diacetylchitobiose. <i>Marine Drugs</i> , 2022, 20, 165.	2.2	13
11	Mechanistic Insight into the Fragmentation of Type I Collagen Fibers into Peptides and Amino Acids by a <i>Vibrio</i> Collagenase. <i>Applied and Environmental Microbiology</i> , 2022, 88, e0167721.	1.4	7
12	Biogeography of culturable marine bacteria from both poles reveals that â€œeverything is not everywhereâ€™ at the genomic level. <i>Environmental Microbiology</i> , 2022, 24, 98-109.	1.8	5
13	<i>Alteromonas oceanisediminis</i> sp. nov., isolated from deep-sea sediment. <i>Archives of Microbiology</i> , 2022, 204, 325.	1.0	0
14	Insights into methionine S-methylation in diverse organisms. <i>Nature Communications</i> , 2022, 13, .	5.8	9
15	TCA cycle enhancement and uptake of monomeric substrates support growth of marine <i>Roseobacter</i> at low temperature. <i>Communications Biology</i> , 2022, 5, .	2.0	8
16	Characterization and Genomic Analysis of ssDNA <i>Vibriophage</i> vB_VpaM_PG19 within <i>Microviridae</i> , Representing a Novel Viral Genus. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	7
17	Lifestyle of bacteria in deep sea. <i>Environmental Microbiology Reports</i> , 2021, 13, 15-17.	1.0	2
18	Experimental evidence for longâ€¢term coexistence of copiotrophic and oligotrophic bacteria in pelagic surface seawater. <i>Environmental Microbiology</i> , 2021, 23, 1162-1173.	1.8	7

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19	Crystal structures of $\hat{1}^3$ -glutamylmethylamide synthetase provide insight into bacterial metabolism of oceanic monomethylamine. <i>Journal of Biological Chemistry</i> , 2021, 296, 100081.	1.6	3
20	Comparison of Alginate Utilization Pathways in Culturable Bacteria Isolated From Arctic and Antarctic Marine Environments. <i>Frontiers in Microbiology</i> , 2021, 12, 609393.	1.5	11
21	Evolutionary Trajectory of the Replication Mode of Bacterial Replicons. <i>MBio</i> , 2021, 12, .	1.8	10
22	Comparative genomics reveals broad genetic diversity, extensive recombination and nascent ecological adaptation in <i>Micrococcus luteus</i> . <i>BMC Genomics</i> , 2021, 22, 124.	1.2	15
23	Discovery of exolytic heparinases and their catalytic mechanism and potential application. <i>Nature Communications</i> , 2021, 12, 1263.	5.8	8
24	<i>Tritonibacter aquimaris</i> sp. nov. and <i>Tritonibacter litoralis</i> sp. nov., two novel members of the <i>Roseobacter</i> group isolated from coastal seawater. <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 787-798.	0.7	10
25	Phylogenetic Distribution of Polysaccharide-Degrading Enzymes in Marine Bacteria. <i>Frontiers in Microbiology</i> , 2021, 12, 658620.	1.5	7
26	Taxonomic and Enzymatic Characterization of <i>Floculibacter collagenilyticus</i> gen. nov., sp. nov., a Novel Gammaproteobacterium With High Collagenase Production. <i>Frontiers in Microbiology</i> , 2021, 12, 621161.	1.5	10
27	Characterization and Diversity Analysis of the Extracellular Proteases of Thermophilic <i>Anoxybacillus caldiproteolyticus</i> 1A02591 From Deep-Sea Hydrothermal Vent Sediment. <i>Frontiers in Microbiology</i> , 2021, 12, 643508.	1.5	16
28	Oxidation of trimethylamine to trimethylamine $\langle i \rangle N \langle /i \rangle$ -oxide facilitates high hydrostatic pressure tolerance in a generalist bacterial lineage. <i>Science Advances</i> , 2021, 7, .	4.7	17
29	<i>Marinifaba aquimaris</i> gen. nov., sp. nov., a novel chitinâ€degrading gammaproteobacterium in the family Alteromonadaceae isolated from seawater of the Mariana Trench. <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 947-955.	0.7	2
30	Mechanistic Insights into Substrate Recognition and Catalysis of a New Ulvan Lyase of Polysaccharide Lyase Family 24. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0041221.	1.4	9
31	A novel ATP dependent dimethylsulfoniopropionate lyase in bacteria that releases dimethyl sulfide and acryloyl-CoA. <i>ELife</i> , 2021, 10, .	2.8	38
32	Internal pressure-induced formation of hemispherical poles in <i>Bacillus subtilis</i> . <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 1205-1212.	0.7	0
33	Comparative Genomic Insights Into the Taxonomic Classification, Diversity, and Secondary Metabolic Potentials of <i>Kitasatospora</i> , a Genus Closely Related to <i>Streptomyces</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 683814.	1.5	11
34	Fluorescence recovery after photobleaching: analyses of cyanobacterial phycobilisomes reveal intrinsic fluorescence recovery. <i>Marine Life Science and Technology</i> , 2021, 3, 427-433.	1.8	1
35	Active site architecture of an acetyl xylan esterase indicates a novel cold adaptation strategy. <i>Journal of Biological Chemistry</i> , 2021, 297, 100841.	1.6	10
36	Lack of N-terminal segment of the flagellin protein results in the production of a shortened polar flagellum in a deep-sea sedimentary bacterium <i>Pseudoalteromonas</i> sp. SM9913. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0152721.	1.4	2

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37	Degradation and Utilization of Alginate by Marine <i>Pseudoalteromonas</i> : a Review. Applied and Environmental Microbiology, 2021, 87, e0036821.	1.4	16
38	Structural and Mechanistic Insights Into Dimethylsulfoxide Formation Through Dimethylsulfide Oxidation. Frontiers in Microbiology, 2021, 12, 735793.	1.5	3
39	Viral Characteristics of the Warm Atlantic and Cold Arctic Water Masses in the Nordic Seas. Applied and Environmental Microbiology, 2021, 87, e0116021.	1.4	12
40	Complete genome of <i>Pelagovum pacificum</i> SM1903T isolated from the marine surface oligotrophic environment. Marine Genomics, 2021, 59, 100874.	0.4	0
41	Diversity of Marine 1,3-Xylan-Utilizing Bacteria and Characters of Their Extracellular 1,3-Xylanases. Frontiers in Microbiology, 2021, 12, 721422.	1.5	7
42	Biogeographic traits of dimethyl sulfide and dimethylsulfoniopropionate cycling in polar oceans. Microbiome, 2021, 9, 207.	4.9	18
43	Acrylate protects a marine bacterium from grazing by a ciliate predator. Nature Microbiology, 2021, 6, 1351-1356.	5.9	18
44	Novel Insights into Dimethylsulfoniopropionate Catabolism by Cultivable Bacteria in the Arctic Kongsfjorden. Applied and Environmental Microbiology, 2021, , AEM0180621.	1.4	3
45	Potential of Thermolysin-like Protease A69 in Preparation of Bovine Collagen Peptides with Moisture-Retention Ability and Antioxidative Activity. Marine Drugs, 2021, 19, 676.	2.2	11
46	Identification and Action Patterns of Two Chondroitin Sulfate Sulfatases From a Marine Bacterium <i>Photobacterium</i> sp. QA16. Frontiers in Microbiology, 2021, 12, 775124.	1.5	3
47	<i>Pedobacter indicus</i> sp. nov., isolated from deep-sea sediment. Antonie Van Leeuwenhoek, 2020, 113, 357-364.	0.7	11
48	Significant Bacterial Distance-Decay Relationship in Continuous, Well-Connected Southern Ocean Surface Water. Microbial Ecology, 2020, 80, 73-80.	1.4	11
49	Structural and molecular basis for the substrate positioning mechanism of a new PL7 subfamily alginate lyase from the arctic. Journal of Biological Chemistry, 2020, 295, 16380-16392.	1.6	35
50	Structural variability, coordination and adaptation of a native photosynthetic machinery. Nature Plants, 2020, 6, 869-882.	4.7	43
51	Mechanisms for Induction of Microbial Extracellular Proteases in Response to Exterior Proteins. Applied and Environmental Microbiology, 2020, 86, .	1.4	9
52	Structural Visualization of Septum Formation in <i>Staphylococcus warneri</i> Using Atomic Force Microscopy. Journal of Bacteriology, 2020, 202, .	1.0	7
53	Characterization of a New M4 Metalloprotease With Collagen-Swelling Ability From Marine <i>Vibrio pomeroyi</i> Strain 12613. Frontiers in Microbiology, 2020, 11, 1868.	1.5	6
54	Proteases from the marine bacteria in the genus <i>Pseudoalteromonas</i> : diversity, characteristics, ecological roles, and application potentials. Marine Life Science and Technology, 2020, 2, 309-323.	1.8	14

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55	3,6-Anhydro-L-Galactose Dehydrogenase VvAHGD is a Member of a New Aldehyde Dehydrogenase Family and Catalyzes by a Novel Mechanism with Conformational Switch of Two Catalytic Residues Cysteine 282 and Glutamate 248. <i>Journal of Molecular Biology</i> , 2020, 432, 2186-2203.	2.0	6
56	The Putative Methyltransferase TLAE1 Is Involved in the Regulation of Peptaibols Production in the Biocontrol Fungus <i>Trichoderma longibrachiatum</i> SMF2. <i>Frontiers in Microbiology</i> , 2020, 11, 1267.	1.5	11
57	A Hierarchical Network of Four Regulatory Genes Controlling Production of the Polyene Antibiotic Candicidin in <i>Streptomyces</i> sp. Strain FR-008. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	9
58	Study on a Novel Cold-Active and Halotolerant Monoacylglycerol Lipase Widespread in Marine Bacteria Reveals a New Group of Bacterial Monoacylglycerol Lipases Containing Unusual C(A/S)HSMG Catalytic Motifs. <i>Frontiers in Microbiology</i> , 2020, 11, 9.	1.5	14
59	Promotion of Wound Healing and Prevention of Frostbite Injury in Rat Skin by Exopolysaccharide from the Arctic Marine Bacterium <i>Polaribacter</i> sp. SM1127. <i>Marine Drugs</i> , 2020, 18, 48.	2.2	31
60	A predator-prey interaction between a marine <i>Pseudoalteromonas</i> sp. and Gram-positive bacteria. <i>Nature Communications</i> , 2020, 11, 285.	5.8	59
61	Improvement of the production of an Arctic bacterial exopolysaccharide with protective effect on human skin cells against UV-induced oxidative stress. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 4863-4875.	1.7	10
62	Structure and function of the Arctic and Antarctic marine microbiota as revealed by metagenomics. <i>Microbiome</i> , 2020, 8, 47.	4.9	61
63	<i>Fluviibacterium aquatile</i> gen. nov., sp. nov., isolated from estuary sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 105-111.	0.8	8
64	<i>Putridiphycobacter roseus</i> gen. nov., sp. nov., isolated from Antarctic rotten seaweed. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 648-655.	0.8	17
65	<i>Shewanella polaris</i> sp. nov., a psychrotolerant bacterium isolated from Arctic brown algae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 2096-2102.	0.8	13
66	<i>Antarcticimicrobium sediminis</i> gen. nov., sp. nov., isolated from Antarctic intertidal sediment, transfer of <i>Ruegeria lutea</i> to <i>Antarcticimicrobium</i> gen. nov. as <i>Antarcticimicrobium luteum</i> comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 2624-2631.	0.8	12
67	<i>Pelagovum pacificum</i> gen. nov., sp. nov., a novel member of the family Rhodobacteraceae isolated from surface seawater of the Mariana Trench. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 6155-6162.	0.8	9
68	<i>Vibrio algicola</i> sp. nov., isolated from the surface of coralline algae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 5149-5155.	0.8	8
69	<i>Marinomonas profundis</i> sp. nov., isolated from deep seawater of the Mariana Trench. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 5747-5752.	0.8	8
70	Cryoelectron Microscopy Delineates the In Situ Structure of the Thylakoid Network. <i>Molecular Plant</i> , 2019, 12, 1176-1178.	3.9	6
71	Bacteria are important dimethylsulfoniopropionate producers in coastal sediments. <i>Nature Microbiology</i> , 2019, 4, 1815-1825.	5.9	67
72	Enhancing peptaibols production in the biocontrol fungus <i>Trichoderma longibrachiatum</i> SMF2 by elimination of a putative glucose sensor. <i>Biotechnology and Bioengineering</i> , 2019, 116, 3030-3040.	1.7	9

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73	Tripeptides From Casein Are Signal Molecules to Induce the Expression of the Extracellular Protease MCP-01 Gene in Marine Bacterium <i>Pseudoalteromonas</i> sp. SM9913. <i>Frontiers in Microbiology</i> , 2019, 10, 1354.	1.5	3
74	A Novel Subfamily of Endo- β -1,4-Glucanases in Glycoside Hydrolase Family 10. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	10
75	Alginate Lyase Aly36B is a New Bacterial Member of the Polysaccharide Lyase Family 36 and Catalyzes by a Novel Mechanism With Lysine as Both the Catalytic Base and Catalytic Acid. <i>Journal of Molecular Biology</i> , 2019, 431, 4897-4909.	2.0	18
76	Reconstruction of the Functional Ecosystem in the High Light, Low Temperature Union Glacier Region, Antarctica. <i>Frontiers in Microbiology</i> , 2019, 10, 2408.	1.5	19
77	Extracellular Enzyme Activity and Its Implications for Organic Matter Cycling in Northern Chinese Marginal Seas. <i>Frontiers in Microbiology</i> , 2019, 10, 2137.	1.5	17
78	Mechanistic insight into 3- α -methylmercaptopropionate metabolism and kinetical regulation of demethylation pathway in marine dimethylsulfoniopropionate- α -catabolizing bacteria. <i>Molecular Microbiology</i> , 2019, 111, 1057-1073.	1.2	18
79	The developmental regulator MtrA binds GlnR boxes and represses nitrogen metabolism genes in <i>Streptomyces coelicolor</i> . <i>Molecular Microbiology</i> , 2019, 112, 29-46.	1.2	26
80	Structure-Function Analysis Indicates that an Active-Site Water Molecule Participates in Dimethylsulfoniopropionate Cleavage by DddK. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	12
81	Structural Insight Into Chitin Degradation and Thermostability of a Novel Endochitinase From the Glycoside Hydrolase Family 18. <i>Frontiers in Microbiology</i> , 2019, 10, 2457.	1.5	27
82	Transcriptomic responses of the marine cyanobacterium <i>Prochlorococcus</i> to viral lysis products. <i>Environmental Microbiology</i> , 2019, 21, 2015-2028.	1.8	14
83	Trophic Specialization Results in Genomic Reduction in Free-Living Marine <i>Idiomarina</i> Bacteria. <i>MBio</i> , 2019, 10, .	1.8	13
84	Diversity of D-Amino Acid Utilizing Bacteria From Kongsfjorden, Arctic and the Metabolic Pathways for Seven D-Amino Acids. <i>Frontiers in Microbiology</i> , 2019, 10, 2983.	1.5	15
85	<i>Marinomonas algicola</i> sp. nov. and <i>Marinomonas colpomeniae</i> sp. nov., isolated from marine macroalgae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 71, .	0.8	11
86	Capsular polysaccharide production from <i>Zunongwangia profunda</i> SM-A87 monitored at single cell level by atomic force microscopy. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2018, 155, 44-49.	0.6	4
87	Diversity of Three-Dimensional Structures and Catalytic Mechanisms of Alginate Lyases. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	72
88	A New Group of Modular Xylanases in Glycoside Hydrolase Family 8 from Marine Bacteria. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	8
89	Manganese Is Essential for PlcP Metallophosphoesterase Activity Involved in Lipid Remodeling in Abundant Marine Heterotrophic Bacteria. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	12
90	Depth-Resolved Variations of Cultivable Bacteria and Their Extracellular Enzymes in the Water Column of the New Britain Trench. <i>Frontiers in Microbiology</i> , 2018, 9, 135.	1.5	31

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91	Atomic Force Microscopy of Side Wall and Septa Peptidoglycan From <i>Bacillus subtilis</i> Reveals an Architectural Remodeling During Growth. <i>Frontiers in Microbiology</i> , 2018, 9, 620.	1.5	20
92	Vertical and horizontal biogeographic patterns and major factors affecting bacterial communities in the open South China Sea. <i>Scientific Reports</i> , 2018, 8, 8800.	1.6	27
93	A Novel Subfamily Esterase with a Homoserine Transacetylase-like Fold but No Transferase Activity. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	12
94	Novel Molecular Insights into the Catalytic Mechanism of Marine Bacterial Alginate Lyase AlyGC from Polysaccharide Lyase Family 6. <i>Journal of Biological Chemistry</i> , 2017, 292, 4457-4468.	1.6	101
95	Structural insights into the cold adaptation of the photosynthetic pigment-protein C-phycoyanin from an Arctic cyanobacterium. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2017, 1858, 325-335.	0.5	12
96	Mechanistic insight into acrylate metabolism and detoxification in marine dimethylsulfoniopropionate- ϵ -catabolizing bacteria. <i>Molecular Microbiology</i> , 2017, 105, 674-688.	1.2	16
97	Structural mechanism for bacterial oxidation of oceanic trimethylamine into trimethylamine ϵ -oxide. <i>Molecular Microbiology</i> , 2017, 103, 992-1003.	1.2	17
98	Nitrogen Starvation Impacts the Photosynthetic Performance of <i>Porphyridium cruentum</i> as Revealed by Chlorophyll a Fluorescence. <i>Scientific Reports</i> , 2017, 7, 8542.	1.6	78
99	Structural and Mechanistic Insights into the Improvement of the Halotolerance of a Marine Microbial Esterase by Increasing Intra- and Interdomain Hydrophobic Interactions. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	16
100	Preparation and functional evaluation of collagen oligopeptide-rich hydrolysate from fish skin with the serine collagenolytic protease from <i>Pseudoalteromonas</i> sp. SM9913. <i>Scientific Reports</i> , 2017, 7, 15716.	1.6	29
101	Mechanistic Insights into Dimethylsulfoniopropionate Lyase DddY, a New Member of the Cupin Superfamily. <i>Journal of Molecular Biology</i> , 2017, 429, 3850-3862.	2.0	22
102	Identification and Characterization of a Novel Salt-Tolerant Esterase from the Deep-Sea Sediment of the South China Sea. <i>Frontiers in Microbiology</i> , 2017, 08, 441.	1.5	40
103	Molecular Insight into the Acryloyl-CoA Hydration by AcuH for Acrylate Detoxification in Dimethylsulfoniopropionate-Catabolizing Bacteria. <i>Frontiers in Microbiology</i> , 2017, 8, 2034.	1.5	10
104	<i>Arcticibacterium luteifluviistationis</i> gen. nov., sp. nov., isolated from Arctic seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 664-669.	0.8	13
105	<i>Flavobacterium arcticum</i> sp. nov., isolated from Arctic seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 1070-1074.	0.8	25
106	<i>Erythrobacter xanthus</i> sp. nov., isolated from surface seawater of the South China Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2459-2464.	0.8	14
107	Pilot-Scale Production and Thermostability Improvement of the M23 Protease <i>Pseudoalterin</i> from the Deep Sea Bacterium <i>Pseudoalteromonas</i> sp. CF6-2. <i>Molecules</i> , 2016, 21, 1567.	1.7	5
108	Exopolysaccharides Play a Role in the Swarming of the Benthic Bacterium <i>Pseudoalteromonas</i> sp. SM9913. <i>Frontiers in Microbiology</i> , 2016, 7, 473.	1.5	14

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109	Characterization of a New Cold-Adapted and Salt-Activated Polysaccharide Lyase Family 7 Alginate Lyase from <i>Pseudoalteromonas</i> sp. SM0524. <i>Frontiers in Microbiology</i> , 2016, 7, 1120.	1.5	63
110	Nascent Genomic Evolution and Allopatric Speciation of <i>Myroides profundus</i> D25 in Its Transition from Land to Ocean. <i>MBio</i> , 2016, 7, e01946-15.	1.8	7
111	Supramolecular architecture of photosynthetic membrane in red algae in response to nitrogen starvation. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 1751-1758.	0.5	23
112	Genus delineation of <i>Chlamydiales</i> by analysis of the percentage of conserved proteins justifies the reunifying of the genera <i>Chlamydia</i> and <i>Chlamydophila</i> into one single genus <i>Chlamydia</i> . <i>Pathogens and Disease</i> , 2016, 74, ftw071.	0.8	13
113	Identification of Four Kinds of 2,3-cNMPs in <i>Escherichia coli</i> and a Method for Their Preparation. <i>ACS Chemical Biology</i> , 2016, 11, 2414-2419.	1.6	7
114	Characterization and Biotechnological Potential Analysis of a New Exopolysaccharide from the Arctic Marine Bacterium <i>Polaribacter</i> sp. SM1127. <i>Scientific Reports</i> , 2016, 5, 18435.	1.6	84
115	Complete genome sequence of a marine bacterium with two chromosomes, <i>Pseudoalteromonas translucida</i> KMM 520T. <i>Marine Genomics</i> , 2016, 26, 17-20.	0.4	5
116	Cellular and molecular insight into the inhibition of primary root growth of <i>Arabidopsis</i> induced by peptaibols, a class of linear peptide antibiotics mainly produced by <i>Trichoderma</i> spp.. <i>Journal of Experimental Botany</i> , 2016, 67, 2191-2205.	2.4	42
117	<i>Pseudoalteromonas gelatinilytica</i> sp. nov., isolated from surface seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 3538-3545.	0.8	11
118	Mechanistic Insights into Elastin Degradation by Pseudolysin, the Major Virulence Factor of the Opportunistic Pathogen <i>Pseudomonas aeruginosa</i> . <i>Scientific Reports</i> , 2015, 5, 9936.	1.6	34
119	Mechanistic Insight into the Elastin Degradation Process by the Metalloprotease Myroilysin from the Deep-Sea Bacterium <i>Myroides profundus</i> D25. <i>Marine Drugs</i> , 2015, 13, 1481-1496.	2.2	6
120	Diversity of cultivable protease-producing bacteria in sediments of Jiaozhou Bay, China. <i>Frontiers in Microbiology</i> , 2015, 6, 1021.	1.5	41
121	Culture Condition Optimization and Pilot Scale Production of the M12 Metalloprotease Myroilysin Produced by the Deep-Sea Bacterium <i>Myroides profundus</i> D25. <i>Molecules</i> , 2015, 20, 11891-11901.	1.7	11
122	Comparative Transcriptome Analysis Reveals That Lactose Acts as an Inducer and Provides Proper Carbon Sources for Enhancing Exopolysaccharide Yield in the Deep-Sea Bacterium <i>Zunongwangia profunda</i> SM-A87. <i>PLoS ONE</i> , 2015, 10, e0115998.	1.1	1
123	Development of a Cold-Adapted <i>Pseudoalteromonas</i> Expression System for the <i>Pseudoalteromonas</i> Proteins Intractable for the <i>Escherichia coli</i> System. <i>PLoS ONE</i> , 2015, 10, e0137384.	1.1	11
124	<i>Bizionia arctica</i> sp. nov., isolated from Arctic fjord seawater, and emended description of the genus <i>Bizionia</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 2925-2930.	0.8	15
125	Structural Insights into the Multispecific Recognition of Dipeptides of Deep-Sea Gram-Negative Bacterium <i>Pseudoalteromonas</i> sp. Strain SM9913. <i>Journal of Bacteriology</i> , 2015, 197, 1125-1134.	1.0	10
126	Deep RNA sequencing reveals a high frequency of alternative splicing events in the fungus <i>Trichoderma longibrachiatum</i> . <i>BMC Genomics</i> , 2015, 16, 54.	1.2	35

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127	Physiological and genetic analyses reveal a mechanistic insight into the multifaceted lifestyles of <i>Pseudoalteromonas</i> sp. SM9913 adapted to the deep-sea sediment. <i>Environmental Microbiology</i> , 2015, 17, 3795-3806.	1.8	20
128	Diversity, Structures, and Collagen-Degrading Mechanisms of Bacterial Collagenolytic Proteases. <i>Applied and Environmental Microbiology</i> , 2015, 81, 6098-6107.	1.4	106
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