

Jin Zhou

List of Publications by Year in descending order

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59
papers

1,168
citations

430442

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433756

31
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all docs

59
docs citations

59
times ranked

1222
citing authors

#	ARTICLE	IF	CITATIONS
19	Oyster Biodeposition Alleviates Sediment Nutrient Overload: A Case Study at Shenzhen Bay, China. <i>Frontiers in Microbiology</i> , 2021, 12, 716201.	1.5	1
20	Optimizing the growth of <i>Haematococcus pluvialis</i> based on a novel microbubble-driven photobioreactor. <i>IScience</i> , 2021, 24, 103461.	1.9	12
21	Pineapple Leaf Phenols Attenuate DSS-Induced Colitis in Mice and Inhibit Inflammatory Damage by Targeting the NF- κ B Pathway. <i>Molecules</i> , 2021, 26, 7656.	1.7	3
22	Complete genome sequence of <i>Acinetobacter baumannii</i> J1, a quorum sensing-producing algicidal bacterium, isolated from Eastern Pacific Ocean. <i>Marine Genomics</i> , 2020, 52, 100719.	0.4	7
23	Changing color can have health benefits. <i>Frontiers in Ecology and the Environment</i> , 2020, 18, 306-306.	1.9	0
24	Stringent Response Regulates Stress Resistance in <i>Cyanobacterium Microcystis aeruginosa</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 511801.	1.5	9
25	The Rhodamine Isothiocyanate Analogue as a Quorum Sensing Inhibitor Has the Potential to Control Microbially-Induced Biofouling. <i>Marine Drugs</i> , 2020, 18, 484.	2.2	3
26	Being in love and not being eaten. <i>Frontiers in Ecology and the Environment</i> , 2020, 18, 583-583.	1.9	0
27	Two hierarchical LuxR-LuxI type quorum sensing systems in <i>Novosphingobium</i> activate microcystin degradation through transcriptional regulation of the <i>mlr</i> pathway. <i>Water Research</i> , 2020, 183, 116092.	5.3	27
28	Temporal heterogeneity of microbial communities and metabolic activities during a natural algal bloom. <i>Water Research</i> , 2020, 183, 116020.	5.3	36
29	Current Findings Regarding Natural Components With Potential Anti-2019-nCoV Activity. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 589.	1.8	24
30	Future climate change will severely reduce habitat suitability of the Critically Endangered Chinese giant salamander. <i>Freshwater Biology</i> , 2020, 65, 971-980.	1.2	43
31	Temporal Variability of Virioplankton during a <i>Gymnodinium catenatum</i> Algal Bloom. <i>Microorganisms</i> , 2020, 8, 107.	1.6	10
32	Functional profiles of phycospheric microorganisms during a marine dinoflagellate bloom. <i>Water Research</i> , 2020, 173, 115554.	5.3	26
33	Opportunistic bacteria use quorum sensing to disturb coral symbiotic communities and mediate the occurrence of coral bleaching. <i>Environmental Microbiology</i> , 2020, 22, 1944-1962.	1.8	24
34	Characterization of physiological states of the suspended marine microalgae using polarized light scattering. <i>Applied Optics</i> , 2020, 59, 1307.	0.9	11
35	Comparing Bacterial Community Compositions in Flourishing and Degraded <i>Pocillopora verrucosa</i> Colonies in the South China Sea. <i>Journal of Coastal Research</i> , 2020, 105, .	0.1	0
36	Comparative detection of <i>Karenia mikimotoi</i> by exponential rolling circle amplification (E-RCA) and double-ligation E-RCA. <i>Journal of Applied Phycology</i> , 2019, 31, 505-518.	1.5	5

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37	Phycosphere Microbial Succession Patterns and Assembly Mechanisms in a Marine Dinoflagellate Bloom. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	23
38	Optimization of extraction solvents, solid phase extraction and decoupling for quantitation of free isoprenoid diphosphates in <i>Haematococcus pluvialis</i> by liquid chromatography with tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1598, 30-38.	1.8	4
39	Optimized culturing conditions for an algicidal bacterium <i>Pseudoalteromonas</i> sp. <i>SP</i> 48 on harmful algal blooms caused by <i>Alexandrium tamarense</i> . <i>MicrobiologyOpen</i> , 2019, 8, e00803.	1.2	14
40	Transcriptomic Profile and Sexual Reproduction-Relevant Genes of <i>Alexandrium minutum</i> in Response to Nutritional Deficiency. <i>Frontiers in Microbiology</i> , 2019, 10, 2629.	1.5	14
41	Biofilm inhibition and pathogenicity attenuation in bacteria by <i>Proteus mirabilis</i> . <i>Royal Society Open Science</i> , 2018, 5, 170702.	1.1	14
42	Physiological and molecular responses of <i>Prorocentrum donghaiense</i> to dissolved inorganic phosphorus limitation. <i>Marine Pollution Bulletin</i> , 2018, 129, 562-572.	2.3	16
43	The data of genomic and phenotypic profiles of the N-acyl homoserine lactone-producing algicidal bacterium <i>Stenotrophomonas rhizophila</i> GA1. <i>Data in Brief</i> , 2018, 21, 966-971.	0.5	2
44	Antibiofilm activity substances derived from coral symbiotic bacterial extract inhibit biofouling by the model strain <i>Pseudomonas aeruginosa</i> PAO1. <i>Microbial Biotechnology</i> , 2018, 11, 1090-1105.	2.0	25
45	Growth and Toxin Production of <i>Gambierdiscus</i> spp. Can Be Regulated by Quorum-Sensing Bacteria. <i>Toxins</i> , 2018, 10, 257.	1.5	14
46	MHBMDAA: Membrane-based DNA array with high resolution and sensitivity for toxic microalgae monitoring. <i>Harmful Algae</i> , 2018, 80, 107-116.	2.2	16
47	Profiles of quorum sensing (QS)-related sequences in phycospheric microorganisms during a marine dinoflagellate bloom, as determined by a metagenomic approach. <i>Microbiological Research</i> , 2018, 217, 1-13.	2.5	23
48	Structural inflexibility of the rhizosphere microbiome in mangrove plant <i>Kandelia obovata</i> under elevated CO ₂ . <i>Marine Environmental Research</i> , 2018, 140, 422-432.	1.1	17
49	Anti-quorum Sensing Activities of Selected Coral Symbiotic Bacterial Extracts From the South China Sea. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 144.	1.8	45
50	Microbial Community Structure and Associations During a Marine Dinoflagellate Bloom. <i>Frontiers in Microbiology</i> , 2018, 9, 1201.	1.5	103
51	Strain identification and quorum sensing inhibition characterization of marine-derived <i>Rhizobium</i> sp. NAO1. <i>Royal Society Open Science</i> , 2017, 4, 170025.	1.1	33
52	Fungal community dynamics during a marine dinoflagellate (<i>Noctiluca scintillans</i>) bloom. <i>Marine Environmental Research</i> , 2017, 131, 183-194.	1.1	46
53	Profile of <i>Citrobacter freundii</i> ST2, a Multi-acyl-homoserine Lactone Producer Associated with Marine Dinoflagellates. <i>Current Microbiology</i> , 2017, 74, 68-76.	1.0	6
54	Diverse Profiles of AI-1 Type Quorum Sensing Molecules in Cultivable Bacteria from the Mangrove (<i>Kandelia obovata</i>) Rhizosphere Environment. <i>Frontiers in Microbiology</i> , 2016, 7, 1957.	1.5	22

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55	Quorum Sensing Is a Language of Chemical Signals and Plays an Ecological Role in Algal-Bacterial Interactions. <i>Critical Reviews in Plant Sciences</i> , 2016, 35, 81-105.	2.7	141
56	Genome Sequence Analysis Reveals Evidence of Quorum-Sensing Genes Present in <i>Aeromonas hydrophila</i> strain KOR1, Isolated from a Mangrove Plant (<i>Kandelia obovata</i>). <i>Genome Announcements</i> , 2015, 3, .	0.8	7
57	An association network analysis among microeukaryotes and bacterioplankton reveals algal bloom dynamics. <i>Journal of Phycology</i> , 2015, 51, 120-132.	1.0	44
58	Draft genome sequence of <i>Citrobacter freundii</i> strain ST2, a β -proteobacterium that produces N-acylhomoserine lactones. <i>Genomics Data</i> , 2015, 6, 234-236.	1.3	6
59	Complete Genome Sequence of <i>Vibrio maritimus</i> BH16, a Siderophore-Producing Mutualistic Bacterium Isolated from Diatom <i>Skeletonema costatum</i> . <i>Molecular Plant-Microbe Interactions</i> , 0, , .	1.4	1