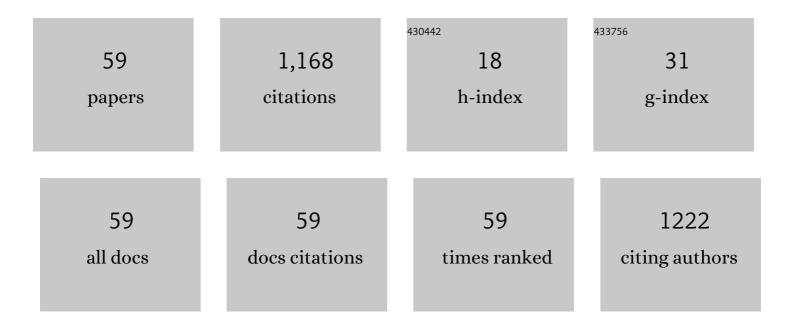
Jin Zhou

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7358813/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	The structure and assembly mechanisms of plastisphere microbial community in natural marine environment. Journal of Hazardous Materials, 2022, 421, 126780.	6.5	93
2	Bisphenol A biodegradation by Sphingonomas sp. YK5 is regulated by acyl-homoserine lactone signaling molecules. Science of the Total Environment, 2022, 802, 149898.	3.9	15
3	Biodeposition of oysters in an urbanized bay area alleviates the black-malodorous compounds in sediments by altering microbial sulfur and iron metabolism. Science of the Total Environment, 2022, 817, 152891.	3.9	2
4	Identification of a RelA/SpoT Homolog and Its Possible Role in the Accumulation of Astaxanthin in Haematococcus pluvialis. Frontiers in Plant Science, 2022, 13, 796997.	1.7	3
5	Canagliflozin Ameliorates NLRP3 Inflammasome-Mediated Inflammation Through Inhibiting NF-κB Signaling and Upregulating Bif-1. Frontiers in Pharmacology, 2022, 13, 820541.	1.6	13
6	The Microbial Mechanisms of a Novel Photosensitive Material (Treated Rape Pollen) in Anti-Biofilm Process under Marine Environment. International Journal of Molecular Sciences, 2022, 23, 3837.	1.8	6
7	Empagliflozin-Enhanced Antioxidant Defense Attenuates Lipotoxicity and Protects Hepatocytes by Promoting FoxO3a- and Nrf2-Mediated Nuclear Translocation via the CAMKK2/AMPK Pathway. Antioxidants, 2022, 11, 799.	2.2	12
8	Dynamic patterns of quorum sensing signals in phycospheric microbes during a marine algal bloom. Environmental Research, 2022, 212, 113443.	3.7	13
9	Promoting the Growth of Haematococcus lacustris under High Light Intensity through the Combination of Light/Dark Cycle and Light Color. Journal of Marine Science and Engineering, 2022, 10, 839.	1.2	3
10	Polystyrene microplastics alter the intestinal microbiota function and the hepatic metabolism status in marine medaka (Oryzias melastigma). Science of the Total Environment, 2021, 759, 143558.	3.9	65
11	The communities and functional profiles of virioplankton along a salinity gradient in a subtropical estuary. Science of the Total Environment, 2021, 759, 143499.	3.9	16
12	Characterization of physiological states of the suspended marine microalgae using polarized light scattering: erratum. Applied Optics, 2021, 60, 1143.	0.9	2
13	The ecological network approach to algal-bacterial relationships: Review and prospects. Chinese Science Bulletin, 2021, 66, 4378-4394.	0.4	3
14	Transcriptome analysis expands the potential roles of quorum sensing in biodegradation and physiological responses to microcystin. Science of the Total Environment, 2021, 771, 145437.	3.9	18
15	Complete Genome Sequence of <i>Stenotrophomonas rhizophila</i> KC1, a Quorum Sensing–Producing Algicidal Bacterium Isolated from Mangrove <i>Kandelia candel</i> . Molecular Plant-Microbe Interactions, 2021, 34, 857-861.	1.4	2
16	Internal nutrient loading is a potential source of eutrophication in Shenzhen Bay, China. Ecological Indicators, 2021, 127, 107736.	2.6	24
17	Assembly of a Benthic Microbial Community in a Eutrophic Bay with a Long History of Oyster Culturing. Microorganisms, 2021, 9, 2019.	1.6	1
18	å•̂æˆç"Ÿç‰©å¦åº"用于微生物ç¾≇¼′2"感应的ç"ç©¶èį›å±•. Scientia Sinica Vitae, 2021, , .	0.1	0

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

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37	Phycosphere Microbial Succession Patterns and Assembly Mechanisms in a Marine Dinoflagellate Bloom. Applied and Environmental Microbiology, 2019, 85, .	1.4	23
38	Optimization of extraction solvents, solid phase extraction and decoupling for quantitation of free isoprenoid diphosphates in Haematococcus pluvialis by liquid chromatography with tandem mass spectrometry. Journal of Chromatography A, 2019, 1598, 30-38.	1.8	4
39	Optimized culturing conditions for an algicidal bacterium <i>Pseudoalteromonas</i> sp. <scp>SP</scp> 48 on harmful algal blooms caused by <i>Alexandrium tamarense</i> . MicrobiologyOpen, 2019, 8, e00803.	1.2	14
40	Transcriptomic Profile and Sexual Reproduction-Relevant Genes of Alexandrium minutum in Response to Nutritional Deficiency. Frontiers in Microbiology, 2019, 10, 2629.	1.5	14
41	Biofilm inhibition and pathogenicity attenuation in bacteria by <i>Proteus mirabilis</i> . Royal Society Open Science, 2018, 5, 170702.	1.1	14
42	Physiological and molecular responses of Prorocentrum donghaiense to dissolved inorganic phosphorus limitation. Marine Pollution Bulletin, 2018, 129, 562-572.	2.3	16
43	The data of genomic and phenotypic profiles of the N-acyl homoserine lactone-producing algicidal bacterium Stenotrophomonas rhizophila GA1. Data in Brief, 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> <scp>PAO</scp> 1. Microbial Biotechnology, 2018, 11, 1090-1105.	2.0	25
45	Growth and Toxin Production of Gambierdiscus spp. Can Be Regulated by Quorum-Sensing Bacteria. Toxins, 2018, 10, 257.	1.5	14
46	MHBMDAA: Membrane-based DNA array with high resolution and sensitivity for toxic microalgae monitoring. Harmful Algae, 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. Microbiological Research, 2018, 217, 1-13.	2.5	23
48	Structural inflexibility of the rhizosphere microbiome in mangrove plant Kandelia obovata under elevated CO2. Marine Environmental Research, 2018, 140, 422-432.	1.1	17
49	Anti-quorum Sensing Activities of Selected Coral Symbiotic Bacterial Extracts From the South China Sea. Frontiers in Cellular and Infection Microbiology, 2018, 8, 144.	1.8	45
50	Microbial Community Structure and Associations During a Marine Dinoflagellate Bloom. Frontiers in Microbiology, 2018, 9, 1201.	1.5	103
51	Strain identification and quorum sensing inhibition characterization of marine-derived <i>Rhizobium</i> sp. NAO1. Royal Society Open Science, 2017, 4, 170025.	1.1	33
52	Fungal community dynamics during a marine dinoflagellate (Noctiluca scintillans) bloom. Marine Environmental Research, 2017, 131, 183-194.	1.1	46
53	Profile of Citrobacter freundii ST2, a Multi-acyl-homoserine Lactone Producer Associated with Marine Dinoflagellates. Current Microbiology, 2017, 74, 68-76.	1.0	6
54	Diverse Profiles of Al-1 Type Quorum Sensing Molecules in Cultivable Bacteria from the Mangrove (Kandelia obovata) Rhizosphere Environment. Frontiers in Microbiology, 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. Critical Reviews in Plant Sciences, 2016, 35, 81-105.	2.7	141
56	Genome Sequence Analysis Reveals Evidence of Quorum-Sensing Genes Present in Aeromonas hydrophila strain KOR1, Isolated from a Mangrove Plant (<i>Kandelia obovata</i>). Genome Announcements, 2015, 3, .	0.8	7
57	An association network analysis among microeukaryotes and bacterioplankton reveals algal bloom dynamics. Journal of Phycology, 2015, 51, 120-132.	1.0	44
58	Draft genome sequence of Citrobacter freundii strain ST2, a γ-proteobacterium that produces N-acylhomoserine lactones. Genomics Data, 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> . Molecular Plant-Microbe Interactions, 0, , .	1.4	1