

Jie Gao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1282214/publications.pdf>

Version: 2024-02-01

12
papers

405
citations

933447

10
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

378
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradation of expanded polystyrene and low-density polyethylene foams in larvae of <i>Tenebrio molitor</i> Linnaeus (Coleoptera: Tenebrionidae): Broad versus limited extent depolymerization and microbe-dependence versus independence. <i>Chemosphere</i> , 2021, 262, 127818.	8.2	103
2	An <i>N</i> -Acyl Homoserine Lactone Synthase in the Ammonia-Oxidizing Bacterium <i>Nitrosospira multiformis</i> . <i>Applied and Environmental Microbiology</i> , 2014, 80, 951-958.	3.1	51
3	Realizing the role of <i>N</i> -acyl-homoserine lactone-mediated quorum sensing in nitrification and denitrification: A review. <i>Chemosphere</i> , 2021, 274, 129970.	8.2	47
4	Long- and short-chain AHLs affect AOA and AOB microbial community composition and ammonia oxidation rate in activated sludge. <i>Journal of Environmental Sciences</i> , 2019, 78, 53-62.	6.1	43
5	Unraveling Mechanisms and Impact of Microbial Recruitment on Oilseed Rape (<i>Brassica napus</i> L.) and the Rhizosphere Mediated by Plant Growth-Promoting Rhizobacteria. <i>Microorganisms</i> , 2021, 9, 161.	3.6	28
6	Effects of exogenous short-chain <i>N</i> -acyl homoserine lactone on denitrifying process of <i>Paracoccus denitrificans</i> . <i>Journal of Environmental Sciences</i> , 2017, 54, 33-39.	6.1	26
7	Environmental Adaptability and Quorum Sensing: Iron Uptake Regulation during Biofilm Formation by <i>Paracoccus denitrificans</i> . <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	25
8	A New Acyl-homoserine Lactone Molecule Generated by <i>Nitrobacter winogradskyi</i> . <i>Scientific Reports</i> , 2016, 6, 22903.	3.3	22
9	Antimicrobial peptide antibiotics inhibit aerobic denitrification via affecting electron transportation and remodeling carbon metabolism. <i>Journal of Hazardous Materials</i> , 2022, 431, 128616.	12.4	21
10	Differences in soil microbial response to anthropogenic disturbances in Sanjiang and Momoge Wetlands, China. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	18
11	Diffusible signal factor enhances the saline-alkaline resistance and rhizosphere colonization of <i>Stenotrophomonas rhizophila</i> by coordinating optimal metabolism. <i>Science of the Total Environment</i> , 2022, 834, 155403.	8.0	12
12	Disentangling Responses of the Subsurface Microbiome to Wetland Status and Implications for Indicating Ecosystem Functions. <i>Microorganisms</i> , 2021, 9, 211.	3.6	6