

Ling Tan

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

229
citations

1040056

9
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

284
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective adsorption of palladium and platinum from secondary wastewater using <i>Escherichia coli</i> BL21 and <i>Providencia vermicola</i> . <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 1885-1897.	3.4	17
2	Biochemical synthesis of palladium nanoparticles: The influence of chemical fixatives used in electron microscopy on nanoparticle formation and catalytic performance. <i>Journal of Hazardous Materials</i> , 2020, 398, 122945.	12.4	24
3	Enhancement of platinum biosorption by surface-displaying EC20 on <i>Escherichia coli</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 103-111.	6.0	14
4	Microbial synthesis of Pd-Pt alloy nanoparticles using <i>Shewanella oneidensis</i> MR-1 with enhanced catalytic activity for nitrophenol and azo dyes reduction. <i>Nanotechnology</i> , 2019, 30, 065607.	2.6	32
5	The detoxification potential of ferric ions for bioleaching of the chalcopyrite associated with fluoride-bearing gangue mineral. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 2403-2412.	3.6	5
6	Characterization of Pd(II) biosorption in aqueous solution by <i>Shewanella oneidensis</i> MR-1. <i>Journal of Molecular Liquids</i> , 2018, 255, 333-340.	4.9	43
7	Optimization of on-site cellulase preparation for efficient hydrolysis of atmospheric glycerol organosolv pretreated wheat straw. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 2083-2092.	3.2	23
8	Influence of sulfhydryl sites on palladium (II) adsorption by displaying EC20 on the surface of <i>Escherichia coli</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 3569-3581.	3.2	12
9	Mechanism of palladium biosorption by <i>Providencia vermicola</i> . <i>RSC Advances</i> , 2017, 7, 7060-7072.	3.6	31
10	Competitive biosorption behavior of Pt and Pd by <i>Providencia vermicola</i> . <i>RSC Advances</i> , 2017, 7, 32229-32235.	3.6	28
11	Laboratory-Based Bacterial Weathering of the Merensky Reef and Its Impact on Platinum Group Mineral Migration. <i>Economic Geology</i> , 0, , .	3.8	0