

Mengru Liu

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

154
citations

1307594

7
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

194
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of extracellular polymeric substances (EPS) conditioned by combined lysozyme and cationic polyacrylamide on the dewatering performance of activated sludge. <i>Chemosphere</i> , 2019, 235, 679-689.	8.2	66
2	Improvement of activated sludge dewatering properties using green conditioners: chitosan hydrochloride and lysozyme. <i>RSC Advances</i> , 2019, 9, 6936-6945.	3.6	19
3	Characterization of CMC-LDH beads and their application in the removal of Cr(VI) from aqueous solution. <i>RSC Advances</i> , 2018, 8, 12870-12878.	3.6	18
4	In situ green preparation of silver nanoparticles/chemical pulp fiber composites with excellent catalytic performance. <i>Journal of Materials Science</i> , 2019, 54, 6895-6907.	3.7	12
5	New insights into the effect of extracellular polymeric substance on the sludge dewaterability based on interaction energy and viscoelastic acoustic response analysis. <i>Chemosphere</i> , 2020, 261, 127929.	8.2	12
6	The quantitative analysis for the formation of carbon fiber paper and its influencing factors. <i>Journal of Materials Science</i> , 2020, 55, 6566-6580.	3.7	10
7	Characteristics of lignocellulosic fibers from hardwood pulp by laccase-catalyzed TEMPO oxidation. <i>Fibers and Polymers</i> , 2016, 17, 1330-1335.	2.1	7
8	Determination of water distribution in sludge by a multiple headspace extraction analytical technique. <i>Journal of Chromatography A</i> , 2020, 1628, 461449.	3.7	4
9	In Situ Growth of Layered Double Hydroxides on Sawdust for Pb(II) Adsorption. <i>ChemistrySelect</i> , 2019, 4, 5386-5393.	1.5	3
10	In situ green synthesis of lysozyme/silver nanoparticles sol and their antimicrobial properties. <i>New Journal of Chemistry</i> , 2022, 46, 11759-11773.	2.8	3
11	Oxalate formation during ClO ₂ bleaching of bamboo kraft pulp. <i>Nordic Pulp and Paper Research Journal</i> , 2020, 35, 18-24.	0.7	0
12	Headspace Gas Chromatographic Method for Carbonate Content Determination in Layered Double Hydroxides. <i>ChemistrySelect</i> , 2021, 6, 9951-9954.	1.5	0