

Changyong Lu

List of Publications by Year in descending order

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14
papers

252
citations

933447

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1058476

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g-index

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all docs

14
docs citations

14
times ranked

286
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning the stability and phosphate sorption of novel MnII/IVFeII/III layered double hydroxides. Chemical Engineering Journal, 2022, 429, 132177.	12.7	10
2	A zero-valent iron and zeolite filter for nitrate recycling from agricultural drainage water. Chemosphere, 2022, 287, 131993.	8.2	11
3	Element doping of biochars enhances catalysis of trichloroethylene dechlorination. Chemical Engineering Journal, 2022, 428, 132496.	12.7	12
4	Reductive debromination of bromo-substituted C ₂ aliphatics using a biochar-iron(II) composite. Journal of Chemical Technology and Biotechnology, 2022, 97, 2243-2252.	3.2	1
5	Biochar catalyzed dechlorination – Which biochar properties matter?. Journal of Hazardous Materials, 2021, 406, 124724.	12.4	28
6	Increasing plant phosphorus availability in thermally treated sewage sludge by post-process oxidation and particle size management. Waste Management, 2021, 120, 716-724.	7.4	16
7	Preparation and Characterization of Nanoparticle-Doped Polymer Inclusion Membranes. Application to the Removal of Arsenate and Phosphate from Waters. Materials, 2021, 14, 878.	2.9	12
8	High affinity lanthanum doped iron oxide nanosheets for phosphate removal. Chemical Engineering Journal, 2021, 422, 130009.	12.7	18
9	Recyclable high-affinity arsenate sorbents based on porous Fe ₂ O ₃ /La ₂ O ₃ composites derived from Fe-La-C frameworks. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 585, 124018.	4.7	28
10	Stability of magnetic LDH composites used for phosphate recovery. Journal of Colloid and Interface Science, 2020, 580, 660-668.	9.4	28
11	Bone Char Mediated Dechlorination of Trichloroethylene by Green Rust. Environmental Science & Technology, 2020, 54, 3643-3652.	10.0	44
12	A Heterogeneous Ruthenium dmsO Complex Supported onto Silica Particles as a Recyclable Catalyst for the Efficient Hydration of Nitriles in Aqueous Medium. Inorganic Chemistry, 2019, 58, 8460-8470.	4.0	9
13	Novel Fe ₃ O ₄ @GNF@SiO ₂ nanocapsules fabricated through the combination of an in situ formation method and SiO ₂ coating process for magnetic resonance imaging. RSC Advances, 2017, 7, 24690-24697.	3.6	8
14	Ultra-fast microwave-assisted reverse microemulsion synthesis of Fe ₃ O ₄ @SiO ₂ core-shell nanoparticles as a highly recyclable silver nanoparticle catalytic platform in the reduction of 4-nitroaniline. RSC Advances, 2016, 6, 88762-88769.	3.6	27