

Lin Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

418
citations

759233

12
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

610
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal enhancement and shape stabilization of a phase-change energy-storage material via copper nanowire aerogel. <i>Chemical Engineering Journal</i> , 2019, 373, 857-869.	12.7	56
2	Effect of nanoparticle size on the mechanical properties of nanoparticle assemblies. <i>Nanoscale</i> , 2019, 11, 9563-9573.	5.6	50
3	Ice-Templating Synthesis of Hierarchical and Anisotropic Silver-Nanowire-Fabric Aerogel and Its Application for Enhancing Thermal Energy Storage Composites. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 19910-19917.	6.7	42
4	Evaluation of a flue gas cleaning system of a circulating fluidized bed incineration power plant by the analysis of pollutant emissions. <i>Powder Technology</i> , 2015, 286, 9-15.	4.2	40
5	High uptake of Cu ²⁺ , Zn ²⁺ or Ni ²⁺ on calcined MgAl hydroxides from aqueous solutions: Changing adsorbent structures. <i>Chemical Engineering Journal</i> , 2015, 272, 17-27.	12.7	36
6	Characterization of fly ash from a circulating fluidized bed incinerator of municipal solid waste. <i>Environmental Science and Pollution Research</i> , 2014, 21, 12767-12779.	5.3	32
7	An easy approach for constructing vesicles by using aromatic molecules with β -cyclodextrin. <i>Soft Matter</i> , 2015, 11, 1767-1777.	2.7	22
8	Hybrid Chalcopyrite/Polymer Magnetoconducting Materials. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 11215-11220.	8.0	20
9	The co-adsorption of Cu ²⁺ and Zn ²⁺ with adsorption sites surface-lattice reforming on calcined layered double hydroxides. <i>RSC Advances</i> , 2015, 5, 28369-28378.	3.6	14
10	Chemically Driven Interfacial Coupling in Charge-Transfer Mediated Functional Superstructures. <i>Nano Letters</i> , 2016, 16, 2851-2859.	9.1	14
11	A one-step-assembled three-dimensional network of silver/polyvinylpyrrolidone (PVP) nanowires and its application in energy storage. <i>Nanoscale</i> , 2020, 12, 10573-10583.	5.6	13
12	CdWO ₄ :Eu ³⁺ Nanostructures for Luminescent Applications. <i>ACS Applied Nano Materials</i> , 2019, 2, 7095-7102.	5.0	12
13	CsPbBr ₃ perovskite nanowires and their optical properties. <i>Optical Materials</i> , 2020, 109, 110399.	3.6	12
14	Experimental study on the stabilization of heavy metals in fly ash from municipal solid waste incineration by N-30 alkaline silica sol. <i>Chemical Engineering Research and Design</i> , 2021, 148, 1367-1376.	5.6	12
15	A Doping Lattice of Aluminum and Copper with Accelerated Electron Transfer Process and Enhanced Reductive Degradation Performance. <i>Scientific Reports</i> , 2016, 6, 31797.	3.3	10
16	Stable CsPbI ₃ Nanocrystals Modified by Tetra-n-butylammonium Iodide for Light-Emitting Diodes. <i>ACS Applied Nano Materials</i> , 2020, 3, 9260-9267.	5.0	9
17	Coordination cross-linking gadolinium salt/acrylonitrile-butadiene rubber composite: Its preparation, characterization, and functional properties. <i>Polymer Composites</i> , 2013, 34, 1013-1019.	4.6	6
18	Controllable self-assembly of an amphiphilic drug with β -cyclodextrin and α -amylase. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 445, 67-74.	4.7	5

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19	Fast zero-order hydro-cracking reaction of X-3B over crystal Al-Fe alloys: Effect of electrochemical corrosion behaviors. <i>Materials and Design</i> , 2016, 109, 570-579.	7.0	5
20	Simultaneous removal of nickel and phosphorus from spent electroless nickel plating wastewater via calcined Mg-Al-CO ₃ hydroxides. <i>RSC Advances</i> , 2015, 5, 80978-80989.	3.6	4
21	Analysis of critical process optimization in the black liquor gasification system. <i>Journal of Renewable and Sustainable Energy</i> , 2013, 5, 063102.	2.0	2
22	Three-dimensional directed assembly of organic charge-transfer heterostructure. <i>Nanoscale</i> , 2018, 10, 23170-23174.	5.6	2