

Lu Zhu

List of Publications by Year in descending order

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14
papers

485
citations

1163117

8
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

983
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible-Light-Activated Bactericidal Functions of Carbon Quantum Dots. ACS Applied Materials & Interfaces, 2016, 8, 10761-10766.	8.0	206
2	Tissue Plasminogen Activator-Porous Magnetic Microrods for Targeted Thrombolytic Therapy after Ischemic Stroke. ACS Applied Materials & Interfaces, 2018, 10, 32988-32997.	8.0	108
3	Improved thermal stability of cellulose nanofibrils using low-concentration alkaline pretreatment. Carbohydrate Polymers, 2018, 181, 506-513.	10.2	51
4	Visible Light-Induced Photoelectrochemical and Antimicrobial Properties of Hierarchical CuBi ₂ O ₄ by Facile Hydrothermal Synthesis. ChemistrySelect, 2016, 1, 1518-1524.	1.5	36
5	Investigation of a novel ternary electrolyte based on dimethyl sulfite and lithium difluoromono(oxalato)borate for lithium ion batteries. Journal of Power Sources, 2014, 245, 730-738.	7.8	20
6	A facile approach of introducing DMS into LiODFB-PYR ₁₄ -TFSI electrolyte for lithium-ion batteries. Journal of Materials Chemistry A, 2015, 3, 6366-6372.	10.3	18
7	Manipulation of magnetic nanorod clusters in liquid by non-uniform alternating magnetic fields. Soft Matter, 2017, 13, 3750-3759.	2.7	15
8	Manipulation of Single Cells Using a Ferromagnetic Nanorod Cluster Actuated by Weak AC Magnetic Fields. Advanced Biology, 2019, 3, e1800246.	3.0	11
9	Highly Efficient Antimicrobial Activity of CuxFeyOz Nanoparticles against Important Human Pathogens. Nanomaterials, 2020, 10, 2294.	4.1	6
10	Dynamic scaling of ferromagnetic micro-rod clusters under a weak magnetic field. Soft Matter, 2016, 12, 8440-8447.	2.7	5
11	Multifunctional iron oxide-carbon hybrid microrods. RSC Advances, 2016, 6, 98845-98853.	3.6	4
12	ESTABLISHMENT AND CALIBRATION OF DISCRETE ELEMENT MODEL OF KING GRASS STALK BASED ON THROWING TEST. INMATEH - Agricultural Engineering, 2022, , 19-30.	1.0	4
13	Reconfiguring ferromagnetic microrod chains by alternating two orthogonal magnetic fields. Journal of Physics Condensed Matter, 2018, 30, 315101.	1.8	0
14	A portable method for predicting the germination percentage of sorghum—sudangrass seed using multispectral images. Crop Science, 0, , .	1.8	0