

Bo Zhi

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3314238/bo-zhi-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

544
citations

13
h-index

21
g-index

21
ext. papers

686
ext. citations

7.2
avg, IF

3.77
L-index

#	Paper	IF	Citations
21	Malic Acid Carbon Dots: From Super-resolution Live-Cell Imaging to Highly Efficient Separation. <i>ACS Nano</i> , 2018 , 12, 5741-5752	16.7	98
20	Investigation of phosphorous doping effects on polymeric carbon dots: Fluorescence, photostability, and environmental impact. <i>Carbon</i> , 2018 , 129, 438-449	10.4	81
19	Synthesis, applications and potential photoluminescence mechanism of spectrally tunable carbon dots. <i>Nanoscale</i> , 2019 , 11, 20411-20428	7.7	55
18	Ordered mesoporous MnO ₂ as a synergetic adsorbent for effective arsenic(III) removal. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 2374	13	43
17	Multicolor polymeric carbon dots: synthesis, separation and polyamide-supported molecular fluorescence. <i>Chemical Science</i> , 2020 , 12, 2441-2455	9.4	29
16	Comparative toxicity assessment of novel Si quantum dots and their traditional Cd-based counterparts using bacteria models <i>Shewanella oneidensis</i> and <i>Bacillus subtilis</i> . <i>Environmental Science: Nano</i> , 2018 , 5, 1890-1901	7.1	29
15	Molecular Surface Functionalization of Carbon Materials via Radical-Induced Grafting of Terminal Alkenes. <i>Journal of the American Chemical Society</i> , 2019 , 141, 8277-8288	16.4	24
14	Carbon Dots: A Modular Activity To Teach Fluorescence and Nanotechnology at Multiple Levels. <i>Journal of Chemical Education</i> , 2017 , 94, 1143-1149	2.4	23
13	Effect of cationic surfactants on structure and morphology of mesostructured MOFs. <i>RSC Advances</i> , 2012 , 2, 5424	3.7	21
12	Photochemical Transformations of Carbon Dots in Aqueous Environments. <i>Environmental Science & Technology</i> , 2020 , 54, 4160-4170	10.3	15
11	A molecular fluorophore in citric acid/ethylenediamine carbon dots identified and quantified by multinuclear solid-state nuclear magnetic resonance. <i>Magnetic Resonance in Chemistry</i> , 2020 , 58, 1130-1138	7.1	15
10	Anion-templated assembly of three indium-organic frameworks with diverse topologies. <i>CrystEngComm</i> , 2014 , 16, 9810-9816	3.3	14
9	Microstructures and pharmaceutical properties of ferulic acid agglomerates prepared by different spherical crystallization methods. <i>International Journal of Pharmaceutics</i> , 2020 , 574, 118914	6.5	14
8	Nickel enrichment of next-generation NMC nanomaterials alters material stability, causing unexpected dissolution behavior and observed toxicity to <i>S. oneidensis</i> MR-1 and <i>D. magna</i> . <i>Environmental Science: Nano</i> , 2020 , 7, 571-587	7.1	13
7	Adverse Interactions of Luminescent Semiconductor Quantum Dots with Liposomes and. <i>ACS Applied Nano Materials</i> , 2018 , 1, 4788-4800	5.6	12
6	Tailored synthesis of hierarchical spinous hollow titania hexagonal prisms via a self-template route. <i>Nanoscale</i> , 2014 , 6, 13915-20	7.7	12
5	Improving the properties of β -galactosidase from <i>Aspergillus oryzae</i> via encapsulation in aggregated silica nanoparticles. <i>New Journal of Chemistry</i> , 2013 , 37, 3793	3.6	11

4	Release, detection and toxicity of fragments generated during artificial accelerated weathering of CdSe/ZnS and CdSe quantum dot polymer composites. <i>Environmental Science: Nano</i> , 2018 , 5, 1694-1710	7.1	11
3	Structure-Property Relationships of Amine-rich and Membrane-Disruptive Poly(oxonorbornene)-Coated Gold Nanoparticles. <i>Langmuir</i> , 2018 , 34, 4614-4625	4	10
2	Toxicity Evaluation of Boron- and Phosphorus-Doped Silicon Nanocrystals toward <i>Shewanella oneidensis</i> MR-1. <i>ACS Applied Nano Materials</i> , 2018 , 1, 4884-4893	5.6	9
1	Bacterial Toxicity of Germanium Nanocrystals Induced by Doping with Boron and Phosphorus. <i>ACS Applied Nano Materials</i> , 2019 , 2, 4744-4755	5.6	5