

Morteza Sarparast

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

833
citations

840776

11
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

1009
citing authors

#	ARTICLE	IF	CITATIONS
1	Using <i>C. elegans</i> to Investigate the Effects of Polyunsaturated Fatty Acids and Their Metabolites on Lifespan and Healthspan. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
2	Soft Crawling Robots: Design, Actuation, and Locomotion. <i>Advanced Materials Technologies</i> , 2020, 5, 1900837.	5.8	136
3	Cytochrome P450 Metabolism of Polyunsaturated Fatty Acids and Neurodegeneration. <i>Nutrients</i> , 2020, 12, 3523.	4.1	26
4	Enhanced the energy density of supercapacitors via rose-like nanoporous ZnGa ₂ S ₄ hollow spheres cathode and yolk-shell FeP hollow spheres anode. <i>Journal of Power Sources</i> , 2020, 450, 227691.	7.8	81
5	Aptamer-Based Fluorescent Biosensing of Adenosine Triphosphate and Cytochrome <i>c</i> via Aggregation-Induced Emission Enhancement on Novel Label-Free DNA-Capped Silver Nanoclusters/Graphene Oxide Nanohybrids. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 46077-46089.	8.0	40
6	Efficient ethanol oxidation by hemoglobin-capped gold nanoclusters: The critical role of Fe in the heme group as an oxophilic metal active site. <i>Electrochemistry Communications</i> , 2019, 103, 42-47.	4.7	8
7	High-Performance Energy Storage Device Based on Triple-Shelled Cobalt Gallium Oxide Hollow Spheres and Graphene Wrapped Copper Iron Disulfide Porous Spheres. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 7908-7917.	6.7	88
8	Designing an asymmetric device based on graphene wrapped yolk-shell NiGa ₂ S ₄ hollow microspheres and graphene wrapped FeS ₂ @FeSe ₂ core-shell cratered spheres with outstanding energy density. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10282-10292.	10.3	141
9	A highly selective semiconducting polymer dots-based fluorescent nanoprobe for iron, copper and histidine detection and imaging in living cells. <i>Talanta</i> , 2019, 194, 752-762.	5.5	37
10	Shape-Controlled Synthesis of Luminescent Hemoglobin Capped Hollow Porous Platinum Nanoclusters and their Application to Catalytic Oxygen Reduction and Cancer Imaging. <i>Scientific Reports</i> , 2018, 8, 14507.	3.3	26
11	Photoluminescence Mechanisms of Dual-Emission Fluorescent Silver Nanoclusters Fabricated by Human Hemoglobin Template: From Oxidation- and Aggregation-Induced Emission Enhancement to Targeted Drug Delivery and Cell Imaging. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 11123-11137.	6.7	43
12	BSA-templated Pb Nanocluster as a Biocompatible Signaling Probe for Electrochemical EGFR Immunosensing. <i>Electroanalysis</i> , 2017, 29, 861-872.	2.9	8
13	Cadmium nanoclusters in a protein matrix: Synthesis, characterization, and application in targeted drug delivery and cellular imaging. <i>Nano Research</i> , 2016, 9, 3229-3246.	10.4	40
14	Electrochemical aptamer/antibody based sandwich immunosensor for the detection of EGFR, a cancer biomarker, using gold nanoparticles as a signaling probe. <i>Biosensors and Bioelectronics</i> , 2015, 74, 491-497.	10.1	155