

Aimiao Qin

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

248
citations

1163117

8
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

286
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances of biomass carbon dots on syntheses, characterization, luminescence mechanism, and sensing applications. <i>Nano Select</i> , 2021, 2, 1117-1145.	3.7	43
2	Cane Molasses Graphene Quantum Dots Passivated by PEG Functionalization for Detection of Metal Ions. <i>ACS Omega</i> , 2020, 5, 6763-6772.	3.5	41
3	Aqueous synthesis of functionalized copper sulfide quantum dots as near-infrared luminescent probes for detection of Hg ²⁺ , Ag ⁺ and Au ³⁺ . <i>Scientific Reports</i> , 2017, 7, 11451.	3.3	33
4	Manganese(II) enhanced fluorescent nitrogen-doped graphene quantum dots: a facile and efficient synthesis and their applications for bioimaging and detection of Hg ²⁺ ions. <i>RSC Advances</i> , 2018, 8, 5902-5911.	3.6	30
5	Nitrogen and phosphorus co-doped mesoporous carbon nanosheets derived from bagasse for lithium-ion batteries. <i>Materials Letters</i> , 2021, 290, 129459.	2.6	18
6	Enhanced luminescence intensity of near-infrared-sensitized upconversion nanoparticles via Ca ²⁺ doping for a nitric oxide release platform. <i>Journal of Materials Chemistry B</i> , 2020, 8, 6481-6489.	5.8	11
7	Mechanical properties of phenol/formaldehyde resin composites reinforced by cellulose microcrystal with different aspect ratio extracted from sisal fiber. <i>Polymers for Advanced Technologies</i> , 2017, 28, 1013-1019.	3.2	9
8	Fabrication and characterization of PVA/CS-PCL/gel multi-scale electrospun scaffold: simulating extracellular matrix for enhanced cellular infiltration and proliferation. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2020, 31, 729-746.	3.5	9
9	Stabilized covalent interfacial coupling design of Li ₃ V ₂ (PO ₄) ₃ with carbon framework for boosting lithium storage kinetics. <i>CrystEngComm</i> , 2021, 23, 8506-8512.	2.6	9
10	Progress on the nanoscale spherical TiO ₂ photocatalysts: Mechanisms, synthesis and degradation applications. <i>Nano Select</i> , 2021, 2, 447-467.	3.7	8
11	Improvement of Lithium Storage Performance of Silica Anode by Using Ketjen Black as Functional Conductive Agent. <i>Nanomaterials</i> , 2022, 12, 692.	4.1	7
12	Hybrid Structures of Sisal Fiber Derived Interconnected Carbon Nanosheets/MoS ₂ /Polyaniline as Advanced Electrode Materials in Lithium-Ion Batteries. <i>Molecules</i> , 2021, 26, 3710.	3.8	6
13	Controlled Synthesis of Ultrafine Ti^{2+} -Mo ₂ C Nanoparticles Encapsulated in N-Doped Porous Carbon for Boosting Lithium Storage Kinetics. <i>ACS Omega</i> , 2021, 6, 29609-29617.	3.5	6
14	Synthesis of Ni ₃ Se ₂ on nickel foam with different morphologies for high-performance supercapacitor electrode. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 6140-6149.	2.2	5
15	Green and Scalable Fabrication of Sandwich-like NG/SiO _x /NG Homogenous Hybrids for Superior Lithium-Ion Batteries. <i>Nanomaterials</i> , 2021, 11, 2366.	4.1	4
16	2D hybrid nanostructures of MoSe ₂ /sisal fiber activated carbon for enhanced Li storage performance. <i>Materials Express</i> , 2020, 10, 964-973.	0.5	3
17	Preparation of phosphate ion-doped Zn-Fe-layered double hydroxide with corrosion resistance and inducing Ca-P deposition on AZ31 Mg alloy. <i>Journal of Materials Research</i> , 2022, 37, 763-772.	2.6	3
18	Red mud-based lithium-ion battery anode material with high electrochemical performance prepared by acid and SDS-assisted hydrothermal method. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 6201-6213.	2.2	2

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19	N, S Co-Doped Bagasse Mesoporous Carbon with Enhanced Electrochemical Performance. Journal of Nanoelectronics and Optoelectronics, 2021, 16, 1161-1174.	0.5	1
20	Solution growth of HgTe Nanowires at lowtemperature. , 2009, , .		0
21	Preparation, structure and properties of fluorescent nano-CdTe/poly (1, 4-butanediol-citrate) bioelastomer nanocomposite in-situ dispersion technique. Frontiers of Optoelectronics, 2013, 6, 452-457.	3.7	0