

Zeeshan Ali

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

2,701
citations

279487

23
h-index

301761

39
g-index

41
all docs

41
docs citations

41
times ranked

3598
citing authors

#	ARTICLE	IF	CITATIONS
1	Trimetallic Metal-Organic Framework Nanoframe Superstructures: A Stress-Buffering Architecture Engineering of Anode Material toward Boosted Lithium Storage Performance. <i>Energy and Environmental Materials</i> , 2023, 6, .	7.3	7
2	Facile synthesis of iron nickel cobalt ternary oxide (FNCO) mesoporous nanowires as electrode material for supercapacitor application. <i>Journal of Materiomics</i> , 2022, 8, 221-228.	2.8	8
3	A pH-responsive biomimetic drug delivery nanosystem for targeted chemo-photothermal therapy of tumors. <i>Nano Research</i> , 2022, 15, 4274-4284.	5.8	15
4	Investigating role of ammonia in nitrogen-doping and suppressing polyselenide shuttle effect in Na-Se batteries. <i>Journal of Colloid and Interface Science</i> , 2022, 617, 641-650.	5.0	8
5	Bifunctional Catalyst for Liquid-Solid Redox Conversion in Room-Temperature Sodium-Sulfur Batteries. <i>Small Structures</i> , 2022, 3, .	6.9	21
6	Unfolding the structural features of NASICON materials for sodium-ion full cells. , 2022, 4, 776-819.		39
7	Bioinspired synthesis of zinc oxide nano-flowers: A surface enhanced antibacterial and harvesting efficiency. <i>Materials Science and Engineering C</i> , 2021, 119, 111280.	3.8	75
8	Nd ₂ Fe ₁₄ B hard magnetic powders: Chemical synthesis and mechanism of coercivity. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 518, 167384.	1.0	7
9	Metal-organic framework-based materials for full cell systems: a review. <i>Journal of Materials Chemistry C</i> , 2021, 9, 11030-11058.	2.7	26
10	Photoinduced Fabrication of Zinc Oxide Nanoparticles: Transformation of Morphological and Biological Response on Light Irradiance. <i>ACS Omega</i> , 2021, 6, 11783-11793.	1.6	42
11	A mechanistic study of electrode materials for rechargeable batteries beyond lithium ions by <i>in situ</i> transmission electron microscopy. <i>Energy and Environmental Science</i> , 2021, 14, 2670-2707.	15.6	42
12	Synergetic Effect of Binary ZnS:SnS Composites with Reduced Graphene Oxide and Carbon Nanotubes as Anodes for Sodium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 13868-13877.	2.5	10
13	Efficient Oxygen Reduction Catalysts of Porous Carbon Nanostructures Decorated with Transition Metal Species. <i>Advanced Energy Materials</i> , 2020, 10, 1900375.	10.2	175
14	Green synthesis of iron oxide nanorods using <i>Withania coagulans</i> extract improved photocatalytic degradation and antimicrobial activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 204, 111784.	1.7	115
15	Synthesis of ternary metal oxides as positive electrodes for Mg-Li hybrid ion batteries. <i>Nanoscale</i> , 2020, 12, 924-932.	2.8	31
16	Transition metal chalcogenide anodes for sodium storage. <i>Materials Today</i> , 2020, 35, 131-167.	8.3	186
17	Enhancing through-plane thermal conductivity of fluoropolymer composite by developing <i>in situ</i> nano-urethane linkage at graphene-graphene interface. <i>Nano Research</i> , 2020, 13, 2741-2748.	5.8	18
18	Visualization nanozyme based on tumor microenvironment -unlocking- for intensive combination therapy of breast cancer. <i>Science Advances</i> , 2020, 6, .	4.7	97

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19	3D Hierarchically Mesoporous Zinc-Nickel-Cobalt Ternary Oxide (Zn _{0.6} Ni _{0.8} Co _{1.6} O ₄) Nanowires for High-Performance Asymmetric Supercapacitors. <i>Frontiers in Chemistry</i> , 2020, 8, 487.	1.8	26
20	Electrochemical intercalations of divalent ions inside Ni/Zn co-doped cobalt sulfide nanoparticle decorated carbon spheres with superior capacity. <i>Nanoscale</i> , 2020, 12, 14267-14278.	2.8	19
21	Carbon Fibers Embedded With Iron Selenide (Fe ₃ Se ₄) as Anode for High-Performance Sodium and Potassium Ion Batteries. <i>Frontiers in Chemistry</i> , 2020, 8, 408.	1.8	30
22	Oxygen Reduction Reaction: Efficient Oxygen Reduction Catalysts of Porous Carbon Nanostructures Decorated with Transition Metal Species (Adv. Energy Mater. 11/2020). <i>Advanced Energy Materials</i> , 2020, 10, 2070050.	10.2	3
23	Confined Polysulfide Shuttle by Nickel Disulfide Nanoparticles Encapsulated in Graphene Nanoshells Synthesized by Cooking Oil. <i>ACS Applied Energy Materials</i> , 2020, 3, 3541-3552.	2.5	14
24	Quest for magnesium-sulfur batteries: Current challenges in electrolytes and cathode materials developments. <i>Coordination Chemistry Reviews</i> , 2020, 415, 213312.	9.5	43
25	Binaryâ€Metal Selenides: General Approach to Produce Nanostructured Binary Transition Metal Selenides as Highâ€Performance Sodium Ion Battery Anodes (Small 33/2019). <i>Small</i> , 2019, 15, 1970176.	5.2	16
26	Monodisperse Fe ₃ O ₄ spheres: Large-scale controlled synthesis in the absence of surfactants and chemical kinetic process. <i>Science China Materials</i> , 2019, 62, 1488-1495.	3.5	16
27	A 3D Trilayered CNT/MoSe ₂ /C Heterostructure with an Expanded MoSe ₂ Interlayer Spacing for an Efficient Sodium Storage. <i>Advanced Energy Materials</i> , 2019, 9, 1900567.	10.2	218
28	Near-infrared light and tumor microenvironment dual responsive size-switchable nanocapsules for multimodal tumor theranostics. <i>Nature Communications</i> , 2019, 10, 4418.	5.8	153
29	A general strategy for facile synthesis of ultrathin transition metal hydroxide nanosheets. <i>Nanoscale</i> , 2019, 11, 5141-5144.	2.8	14
30	Synthesis of silver nanoparticles using <i>Fagonia cretica</i> and their antimicrobial activities. <i>Nanoscale Advances</i> , 2019, 1, 1707-1713.	2.2	68
31	General Approach to Produce Nanostructured Binary Transition Metal Selenides as Highâ€Performance Sodium Ion Battery Anodes. <i>Small</i> , 2019, 15, e1901995.	5.2	52
32	Porous NiCo ₂ S ₄ /Co ₉ S ₈ Microcubes Templated by Sacrificial ZnO Spheres as an Efficient Bifunctional Oxygen Electrocatalyst. <i>Advanced Sustainable Systems</i> , 2019, 3, 1800167.	2.7	20
33	Ultrafast Sodium/Potassiumâ€Ion Intercalation into Hierarchically Porous Thin Carbon Shells. <i>Advanced Materials</i> , 2019, 31, e1805430.	11.1	214
34	Fabrication of hierarchical hollow Mn doped Ni(OH) ₂ nanostructures with enhanced catalytic activity towards electrochemical oxidation of methanol. <i>Nano Energy</i> , 2019, 55, 37-41.	8.2	100
35	Polar and conductive iron carbide@N-doped porous carbon nanosheets as a sulfur host for high performance lithium sulfur batteries. <i>Chemical Engineering Journal</i> , 2019, 358, 962-968.	6.6	91
36	Cobalt selenide decorated carbon spheres for excellent cycling performance of sodium ion batteries. <i>Energy Storage Materials</i> , 2018, 13, 19-28.	9.5	148

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37	N-Doped Carbon Nanosheet Networks with Favorable Active Sites Triggered by Metal Nanoparticles as Bifunctional Oxygen Electrocatalysts. ACS Energy Letters, 2018, 3, 2914-2920.	8.8	107
38	Ni-doped MnO ₂ /CNT nanoarchitectures as a cathode material for ultra-long life magnesium/lithium hybrid ion batteries. Materials Today Energy, 2018, 10, 108-117.	2.5	48
39	Hierarchically Porous Fe ₂ CoSe ₄ Binary Metal Selenide for Extraordinary Rate Performance and Durable Anode of Sodium-Ion Batteries. Advanced Materials, 2018, 30, e1802745.	11.1	201
40	Energy Storage: Integrated Design of MnO ₂ @Carbon Hollow Nanoboxes to Synergistically Encapsulate Polysulfides for Empowering Lithium Sulfur Batteries (Small 20/2017). Small, 2017, 13, .	5.2	0
41	Integrated Design of MnO ₂ @Carbon Hollow Nanoboxes to Synergistically Encapsulate Polysulfides for Empowering Lithium Sulfur Batteries. Small, 2017, 13, 1700087.	5.2	178