

N Ramesh Reddy

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

795
citations

448610

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563245

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Construction of Bimetallic Hybrid Multishell Hollow Spheres via Sequential Template Approach for Less Cytotoxic Antimicrobial Effect. <i>IEEE Transactions on Nanobioscience</i> , 2023, 22, 447-452.	2.2	5
2	Superior energy&power performance of N&doped carbon nano&ions&based asymmetric and symmetric supercapacitor devices. <i>International Journal of Energy Research</i> , 2022, 46, 1234-1249.	2.2	23
3	Urea-assisted hydrothermal synthesis of MnMoO ₄ /MnCO ₃ hybrid electrochemical electrode and fabrication of high-performance asymmetric supercapacitor. <i>Journal of Materials Science and Technology</i> , 2022, 96, 332-344.	5.6	32
4	In-situ design of porous vanadium nitride@carbon nanobelts: A promising material for high-performance asymmetric supercapacitors. <i>Applied Surface Science</i> , 2022, 575, 151734.	3.1	31
5	Facile synthesis of efficient construction of tungsten disulfide/iron cobaltite nanocomposite grown on nickel foam as a battery-type energy material for electrochemical supercapacitors with superior performance. <i>Journal of Colloid and Interface Science</i> , 2022, 609, 434-446.	5.0	69
6	Effectively constructed by the interior and interface coexisting design of cobalt&doped <sc> NiFe ₂ S ₄ </sc> nanosheets for high&performance supercapacitors. <i>International Journal of Energy Research</i> , 2022, 46, 9358-9370.	2.2	6
7	A novel hybridized needle-like Co ₃ O ₄ /N-CNO composite for superior energy storage asymmetric supercapacitors. <i>Journal of Alloys and Compounds</i> , 2022, 908, 164447.	2.8	16
8	Pseudocapacitive Performance of Freestanding Ni₃V₂O₈ Nanosheets for High Energy and Power Density Asymmetric Supercapacitors. <i>ACS Applied Energy Materials</i> , 2022, 5, 5561-5578.	2.5	21
9	<i>In Situ</i> Construction of Binder-Free Stable Battery-Type Copper Cobaltite and Copper Oxide Composite Electrodes for All-Solid-State Asymmetric Supercapacitors: Cation Concentration and Morphology-Dependent Electrochemical Performance. <i>Energy & Fuels</i> , 2022, 36, 5965-5978.	2.5	22
10	Capsule&shaped calcium and cobalt&doped <sc> ZnO </sc> electrodes for high electrochemical supercapacitor performance. <i>International Journal of Energy Research</i> , 2022, 46, 14334-14345.	2.2	4
11	Multiple structural defects in poor crystalline nickel&doped tungsten disulfide nanorods remarkably enhance supercapacitive performance. <i>International Journal of Energy Research</i> , 2022, 46, 14227-14239.	2.2	23
12	Self-Supported Co ₃ O ₄ @Mo-Co ₃ O ₄ Needle-like Nanosheet Heterostructured Architectures of Battery-Type Electrodes for High-Performance Asymmetric Supercapacitors. <i>Nanomaterials</i> , 2022, 12, 2330.	1.9	42
13	Highly Fluorescent Doped Fe ₃ O ₄ @C Nanoparticles Cross the Blood&Brain Barrier: Help in Brain Imaging and Blocking the Life Cycle of Mosquitoes. <i>Journal of Cluster Science</i> , 2021, 32, 1761-1767.	1.7	2
14	Photocatalytic hydrogen production from dye contaminated water and electrochemical supercapacitors using carbon nanohorns and TiO ₂ nanoflower heterogeneous catalysts. <i>Journal of Environmental Management</i> , 2021, 277, 111433.	3.8	21
15	Inclusion of low cost activated carbon for improving hydrogen production performance of TiO ₂ nanoparticles under natural solar light irradiation. <i>Ceramics International</i> , 2021, 47, 10216-10225.	2.3	16
16	Construction of Functionalized Carbon Nanofiber&g-C₃N₄ and TiO₂ Spheres as a Nanostructured Hybrid Electrode for High-Performance Supercapacitors. <i>Energy & Fuels</i> , 2021, 35, 1796-1809.	2.5	27
17	Photocatalytic hydrogen production by ternary heterojunction composites of silver nanoparticles doped FCNT-TiO ₂ . <i>Journal of Environmental Management</i> , 2021, 286, 112130.	3.8	26
18	Architecture of superior hybrid electrode by the composition of Cu ₂ O nanoflakes, novel cadmium ferrite (CdFe ₂ O ₄) nanoparticles, and g-C ₃ N ₄ sheets for symmetric and asymmetric supercapacitors. <i>Journal of Energy Storage</i> , 2021, 43, 103302.	3.9	37

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19	Synthesis of novel Co ₃ O ₄ nanocubes-NiO octahedral hybrids for electrochemical energy storage supercapacitors. <i>Journal of Environmental Management</i> , 2021, 298, 113484.	3.8	26
20	Crafting nanoflower-built MnCo ₂ S ₄ anchored to Ni foam as a prominent energy conversion and energy storage electrode for high-performance supercapacitor applications. <i>Journal of Energy Storage</i> , 2021, 43, 103155.	3.9	22
21	Self-assembled and highly faceted growth of Mo and V doped ZnO nanoflowers for high-performance supercapacitors. <i>Journal of Alloys and Compounds</i> , 2021, 886, 161234.	2.8	49
22	Bioinspired tailoring of nanoarchitected nickel sulfide@nickel permeated carbon composite as highly durable and redox chemistry enabled battery-type electrode for hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2021, 9, 25208-25219.	5.2	32
23	Functionalization of 0-D and 2-D carbon nitride nanostructures on bio-derived carbon spheres for sustainable electrochemical supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , 2021, 902, 115808.	1.9	2
24	Ni foam conductive substrate supported interwoven ZnCo ₂ S ₄ nanowires with highly enhanced performances for supercapacitors. <i>Journal of Energy Storage</i> , 2021, 44, 103417.	3.9	16
25	Review on the interface engineering in the carbonaceous titania for the improved photocatalytic hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 7584-7615.	3.8	44
26	Highly efficient solar light-driven photocatalytic hydrogen production over Cu/FCNTs-titania quantum dots-based heterostructures. <i>Journal of Environmental Management</i> , 2020, 254, 109747.	3.8	111
27	Heterojunction of CdS Nanocapsules@WO ₃ Nanosheets Composite as a Stable and Efficient Photocatalyst for Hydrogen Evolution. <i>Energy & Fuels</i> , 2020, 34, 14598-14610.	2.5	22
28	Enhanced photocatalytic hydrogen production activity of noble metal free MWCNT-TiO ₂ nanocomposites. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 4036-4043.	3.8	46