N Ramesh Reddy

List of Publications by Year
in descending order

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28	795	394390	501174
papers	citations	19 h-index	28 g-index

29	29	29	588
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Construction of Bimetallic Hybrid Multishell Hollow Spheres via Sequential Template Approach for Less Cytotoxic Antimicrobial Effect. IEEE Transactions on Nanobioscience, 2023, 22, 447-452.	3.3	5
2	Superior energyâ€power performance of Nâ€doped carbon nanoâ€onionsâ€based asymmetric and symmetric supercapacitor devices. International Journal of Energy Research, 2022, 46, 1234-1249.	4.5	23
3	Urea-assisted hydrothermal synthesis of MnMoO4/MnCO3 hybrid electrochemical electrode and fabrication of high-performance asymmetric supercapacitor. Journal of Materials Science and Technology, 2022, 96, 332-344.	10.7	32
4	In-situ design of porous vanadium nitride@carbon nanobelts: A promising material for high-performance asymmetric supercapacitors. Applied Surface Science, 2022, 575, 151734.	6.1	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. Journal of Colloid and Interface Science, 2022, 609, 434-446.	9.4	69
6	Effectively constructed by the interior and interface coexisting design of cobaltâ€doped <scp> NiFe ₂ S ₄ </scp> nanosheets for highâ€performance supercapacitors. International Journal of Energy Research, 2022, 46, 9358-9370.	4.5	6
7	A novel hybridized needle-like Co3O4/N-CNO composite for superior energy storage asymmetric supercapacitors. Journal of Alloys and Compounds, 2022, 908, 164447.	5.5	16
8	Pseudocapacitive Performance of Freestanding Ni₃V₂O₈ Nanosheets for High Energy and Power Density Asymmetric Supercapacitors. ACS Applied Energy Materials, 2022, 5, 5561-5578.	5.1	21
9	In Situ 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. Energy & Fuels, 2022, 36, 5965-5978.	5.1	22
10	Capsuleâ€shaped calcium and cobaltâ€doped <scp>ZnO</scp> electrodes for high electrochemical supercapacitor performance. International Journal of Energy Research, 2022, 46, 14334-14345.	4.5	4
11	Multiple structural defects in poor crystalline nickelâ€doped tungsten disulfide nanorods remarkably enhance supercapacitive performance. International Journal of Energy Research, 2022, 46, 14227-14239.	4.5	23
12	Self-Supported Co3O4@Mo-Co3O4 Needle-like Nanosheet Heterostructured Architectures of Battery-Type Electrodes for High-Performance Asymmetric Supercapacitors. Nanomaterials, 2022, 12, 2330.	4.1	42
13	Highly Fluorescent Doped Fe3O4@C Nanoparticles Cross the Bloodâ€“Brain Barrier: Help in Brain Imaging and Blocking the Life Cycle of Mosquitoes. Journal of Cluster Science, 2021, 32, 1761-1767.	3.3	2
14	Photocatalytic hydrogen production from dye contaminated water and electrochemical supercapacitors using carbon nanohorns and TiO2 nanoflower heterogeneous catalysts. Journal of Environmental Management, 2021, 277, 111433.	7.8	21
15	Inclusion of low cost activated carbon for improving hydrogen production performance of TiO2 nanoparticles under natural solar light irradiation. Ceramics International, 2021, 47, 10216-10225.	4.8	16
16	Construction of Functionalized Carbon Nanofiberâ€“g-C₃N₄ and TiO₂ Spheres as a Nanostructured Hybrid Electrode for High-Performance Supercapacitors. Energy & Fuels, 2021, 35, 1796-1809.	5.1	27
17	Photocatalytic hydrogen production by ternary heterojunction composites of silver nanoparticles doped FCNT-TiO2. Journal of Environmental Management, 2021, 286, 112130.	7.8	26
18	Architecture of superior hybrid electrode by the composition of Cu2O nanoflakes, novel cadmium ferrite (CdFe2O4) nanoparticles, and g-C3N4 sheets for symmetric and asymmetric supercapacitors. Journal of Energy Storage, 2021, 43, 103302.	8.1	37

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19	Synthesis of novel Co3O4 nanocubes-NiO octahedral hybrids for electrochemical energy storage supercapacitors. Journal of Environmental Management, 2021, 298, 113484.	7.8	26
20	Crafting nanoflower-built MnCo2S4 anchored to Ni foam as a prominent energy conversion and energy storage electrode for high-performance supercapacitor applications. Journal of Energy Storage, 2021, 43, 103155.	8.1	22
21	Self-assembled and highly faceted growth of Mo and V doped ZnO nanoflowers for high-performance supercapacitors. Journal of Alloys and Compounds, 2021, 886, 161234.	5.5	49
22	Bioinspired tailoring of nanoarchitectured nickel sulfide@nickel permeated carbon composite as highly durable and redox chemistry enabled battery-type electrode for hybrid supercapacitors. Journal of Materials Chemistry A, 2021, 9, 25208-25219.	10.3	32
23	Functionalization of 0-D and 2-D carbon nitride nanostructures on bio-derived carbon spheres for sustainable electrochemical supercapacitors. Journal of Electroanalytical Chemistry, 2021, 902, 115808.	3.8	2
24	Ni foam conductive substrate supported interwoven ZnCo2S4 nanowires with highly enhanced performances for supercapacitors. Journal of Energy Storage, 2021, 44, 103417.	8.1	16
25	Review on the interface engineering in the carbonaceous titania for the improved photocatalytic hydrogen production. International Journal of Hydrogen Energy, 2020, 45, 7584-7615.	7.1	44
26	Highly efficient solar light-driven photocatalytic hydrogen production over Cu/FCNTs-titania quantum dots-based heterostructures. Journal of Environmental Management, 2020, 254, 109747.	7.8	111
27	Heterojunction of CdS Nanocapsulesâ€“WO₃ Nanosheets Composite as a Stable and Efficient Photocatalyst for Hydrogen Evolution. Energy & Fuels, 2020, 34, 14598-14610.	5.1	22
28	Enhanced photocatalytic hydrogen production activity of noble metal free MWCNT-TiO 2 nanocomposites. International Journal of Hydrogen Energy, 2018, 43, 4036-4043.	7.1	46