

Rajeshkhanna G

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,285
citations

430874

18
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1603
citing authors

#	ARTICLE	IF	CITATIONS
1	Urchin and sheaf-like NiCo ₂ O ₄ nanostructures: Synthesis and electrochemical energy storage application. International Journal of Hydrogen Energy, 2014, 39, 15627-15638.	7.1	153
2	Kirkendall Growth and Ostwald Ripening Induced Hierarchical Morphology of Ni@Co LDH/MMoS _x (M = Co, Ni, and Zn) Heteronanostructures as Advanced Electrode Materials for Asymmetric Solid-State Supercapacitors. ACS Applied Materials & Interfaces, 2019, 11, 11555-11567.	8.0	129
3	Synthesis of mesoporous NiCo ₂ O ₄ @rGO by a solvothermal method for charge storage applications. RSC Advances, 2015, 5, 66657-66666.	3.6	115
4	Remarkable Bifunctional Oxygen and Hydrogen Evolution Electrocatalytic Activities with Trace-Level Fe Doping in Ni- and Co-Layered Double Hydroxides for Overall Water-Splitting. ACS Applied Materials & Interfaces, 2018, 10, 42453-42468.	8.0	107
5	Magnetic, optical and electrocatalytic properties of urchin and sheaf-like NiCo ₂ O ₄ nanostructures. Materials Chemistry and Physics, 2015, 165, 235-244.	4.0	103
6	An advanced sandwich-type architecture of MnCo ₂ O ₄ @Ni@C@MnO ₂ as an efficient electrode material for a high-energy density hybrid asymmetric solid-state supercapacitor. Journal of Materials Chemistry A, 2018, 6, 24509-24522.	10.3	102
7	Metal-Organic Framework-Derived Fe/Co-based Bifunctional Electrode for H ₂ Production through Water and Urea Electrolysis. ChemSusChem, 2019, 12, 4810-4823.	6.8	64
8	NiCo ₂ O ₄ /rGO hybrid nanostructures for efficient electrocatalytic oxygen evolution. Journal of Solid State Electrochemistry, 2016, 20, 2725-2736.	2.5	60
9	Micro and nano-architectures of Co ₃ O ₄ on Ni foam for electro-oxidation of methanol. International Journal of Hydrogen Energy, 2018, 43, 4706-4715.	7.1	57
10	In situ fabrication of graphene decorated microstructured globe artichokes of partial molar nickel cobaltite anchored on a Ni foam as a high-performance supercapacitor electrode. RSC Advances, 2015, 5, 38407-38416.	3.6	55
11	High-performance solid-state hybrid supercapacitor enabled by metal-organic framework-derived multi-component hybrid electrodes of Co@Ni@C nanofibers and Co ₂ xFe _x @Ni@C micropillars. Journal of Materials Chemistry A, 2020, 8, 26158-26174.	10.3	53
12	In situ fabrication of porous festuca scoparia-like Ni _{0.3} Co _{2.7} O ₄ nanostructures on Ni-foam: An efficient electrode material for supercapacitor applications. International Journal of Hydrogen Energy, 2015, 40, 12303-12314.	7.1	47
13	Effect of solvents on the morphology of NiCo ₂ O ₄ /graphene nanostructures for electrochemical pseudocapacitor application. Journal of Solid State Electrochemistry, 2016, 20, 1837-1844.	2.5	43
14	Significance of optimal N-doping in mesoporous carbon framework to achieve high specific capacitance. Applied Surface Science, 2017, 418, 40-48.	6.1	41
15	Electrocatalytic Activity of Pd ₂₀ @Ag Nanoparticles Embedded in Carbon Nanotubes for Methanol Oxidation in Alkaline Media. ACS Applied Energy Materials, 2018, 1, 3763-3770.	5.1	39
16	Charge storage, electrocatalytic and sensing activities of nest-like nanostructured Co ₃ O ₄ . Journal of Colloid and Interface Science, 2017, 487, 20-30.	9.4	38
17	High energy density symmetric capacitor using zinc cobaltate flowers grown in situ on Ni foam. Electrochimica Acta, 2018, 261, 265-274.	5.2	33
18	Spinel ZnCo ₂ O ₄ nanosheets as carbon and binder free electrode material for energy storage and electroreduction of H ₂ O ₂ . Journal of Alloys and Compounds, 2017, 696, 947-955.	5.5	32

#	ARTICLE	IF	CITATIONS
19	Cobalt Nanoparticle-Embedded Nitrogen-Doped Carbon Catalyst Derived from a Solid-State Metal-Organic Framework Complex for OER and HER Electrocatalysis. <i>Energies</i> , 2021, 14, 1320.	3.1	14