Kusha Kumar Naik

List of Publications by Year
in descending order

17 papers	787 citations	759233 12 h-index	888059 17 g-index
18 all docs	18 docs citations	18 times ranked	1093 citing authors

#	Article	IF	Citations
1	Multifunctional spinel MnCo₂O₄ based materials for energy storage and conversion: a review on emerging trends, recent developments and future perspectives. Journal of Materials Chemistry A, 2021, 9, 3095-3124.	10.3	88
2	High electrocatalytic activity of Ag doped MnWO4 microflowers towards glucose molecules. Journal of Materials Science: Materials in Electronics, 2021, 32, 15182.	2.2	1
3	Array of NiMn2O4 nanosheets for glucose sensing application. Journal of Materials Science: Materials in Electronics, 2020, 31, 19691-19697.	2.2	1
4	Superior non-enzymatic glucose sensing properties of Ag-/Au-NiCo₂O₄ nanosheets with insight from electronic structure simulations. Analyst, The, 2018, 143, 571-579.	3.5	35
5	Controlled Electrochemical Growth of Spinel NiCo2S4 Nanosheets on Nickel Foam for High Performance Supercapacitor Applications. Materials Today: Proceedings, 2018, 5, 23083-23088.	1.8	3
6	Efficient Photoelectrocatalytic Activity of CuWO₄ Nanoplates towards the Oxidation of NADH Driven in Visible Light. ChemistrySelect, 2018, 3, 9008-9012.	1.5	10
7	Facile Hydrothermal Synthesis of MnWO₄ Nanorods for Nonâ€Enzymatic Glucose Sensing and Supercapacitor Properties with Insights from Density Functional Theory Simulations. ChemistrySelect, 2017, 2, 5707-5715.	1.5	26
8	Enhanced Nonenzymatic Glucose-Sensing Properties of Electrodeposited NiCo₂O₄â€“Pd Nanosheets: Experimental and DFT Investigations. ACS Applied Materials & Interfaces, 2017, 9, 23894-23903.	8.0	97
9	Facile electrochemical growth of spinel copper cobaltite nanosheets for non-enzymatic glucose sensing and supercapacitor applications. Microporous and Mesoporous Materials, 2017, 244, 226-234.	4.4	54
10	Electrochemical synthesis of a ternary transition metal sulfide nanosheets on nickel foam and energy storage application. Journal of Alloys and Compounds, 2017, 695, 154-161.	5.5	73
11	Phase and Shape Dependent Non-enzymatic Glucose Sensing Properties of Nickel Molybdate. ChemistrySelect, 2016, 1, 5187-5195.	1.5	12
12	Glucose sensing and low-threshold field emission from MnCo₂O₄ nanosheets. RSC Advances, 2016, 6, 29734-29740.	3.6	25
13	Electrodeposition of spinel MnCo₂O₄nanosheets for supercapacitor applications. Nanotechnology, 2015, 26, 455401.	2.6	153
14	Electrodeposited spinel NiCo₂O₄ nanosheet arrays for glucose sensing application. RSC Advances, 2015, 5, 74585-74591.	3.6	78
15	Electrodeposition of ZnCo₂O₄ nanoparticles for biosensing applications. RSC Advances, 2015, 5, 79397-79404.	3.6	40
16	Field emission properties of ZnO nanosheet arrays. Applied Physics Letters, 2014, 105, .	3.3	51
17	Morphology, mechanism and optical properties of nanometer-sized MgO synthesized via facile wet chemical method. Materials Chemistry and Physics, 2014, 148, 1064-1070.	4.0	40