

Kaushik Natarajan

List of Publications by Year in descending order

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19
papers

847
citations

623734

14
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1165
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen-Doped Mixed-Phase Cobalt Nanocatalyst Derived from a Trinuclear Mixed-Valence Cobalt(III)/Cobalt(II) Complex for High-Performance Oxygen Evolution Reaction. <i>Inorganic Chemistry</i> , 2021, 60, 2333-2346.	4.0	9
2	Construction of a Cu-Based Metal-Organic Framework by Employing a Mixed-Ligand Strategy and Its Facile Conversion into Nanofibrous CuO for Electrochemical Energy Storage Applications. <i>Inorganic Chemistry</i> , 2021, 60, 16986-16995.	4.0	18
3	Nanostructured $\text{MnO}_2/\text{Cd(OH)}_2$ Heterojunction Constructed under Ambient Conditions as a Sustainable Cathode for Photocatalytic Hydrogen Production. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 7584-7593.	3.7	7
4	Electrochemical energy storage properties of solvothermally driven ZnFe_2O_4 microspheres. <i>Materials Research Express</i> , 2019, 6, 095534.	1.6	12
5	Design and Synthesis of a New Facile Ligand in a Dual Role: Mechanically Elastic Crystal and Selective Mitochondria Target. <i>Crystal Growth and Design</i> , 2019, 19, 5483-5490.	3.0	12
6	Mixed-Ligand-Architected 2D Co(II)-MOF Expressing a Novel Topology for an Efficient Photoanode for Water Oxidation Using Visible Light. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 13295-13303.	8.0	55
7	A $(\text{CH}_3\text{NH}_3)_3\text{Bi}_2\text{I}_9$ Perovskite Based on a Two-Step Deposition Method: Lead-Free, Highly Stable, and with Enhanced Photovoltaic Performance. <i>ChemElectroChem</i> , 2019, 6, 1192-1198.	3.4	56
8	Emerging Robust Heterostructure of MoS_2/rGO for High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 16588-16595.	8.0	163
9	Design and Synthesis of 1D-Polymeric Chain Based $[(\text{CH}_3\text{NH}_3)_3\text{Bi}_2\text{Cl}_9]$ Perovskite: A New Light Absorber Material for Lead Free Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2018, 1, 2405-2409.	5.1	63
10	Robust Nanocomposite of Nitrogen-Doped Reduced Graphene Oxide and MnO_2 Nanorods for High-Performance Supercapacitors and Nonenzymatic Peroxide Sensors. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 10489-10504.	6.7	57
11	Investigating the Role of Substrate Tin Diffusion on Hematite Based Photoelectrochemical Water Splitting System. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 1856-1863.	0.9	6
12	Visible light driven water splitting through an innovative Cu-treated MnO_2 nanostructure: probing enhanced activity and mechanistic insights. <i>Nanoscale</i> , 2018, 10, 13250-13260.	5.6	29
13	Microwave assisted fabrication of a nanostructured reduced graphene oxide (rGO)/ Fe_2O_3 composite as a promising next generation energy storage material. <i>RSC Advances</i> , 2017, 7, 309-317.	3.6	74
14	Small biomolecule sensors based on an innovative MoS_2/rGO heterostructure modified electrode platform: a binder-free approach. <i>Dalton Transactions</i> , 2017, 46, 15848-15858.	3.3	49
15	Multifunctional porous NiCo_2O_4 nanorods: sensitive enzymeless glucose detection and supercapacitor properties with impedance spectroscopic investigations. <i>New Journal of Chemistry</i> , 2017, 41, 9299-9313.	2.8	62
16	Visible-Light-Induced Water Splitting Based on a Novel $\text{Fe}_2\text{O}_3/\text{CdS}$ Heterostructure. <i>ACS Omega</i> , 2017, 2, 3447-3456.	3.5	33
17	A new multitasking azine ligand: elastic bending, single-crystal-to-single-crystal transformation and a fluorescence turn-on Al(III) sensor. <i>Chemical Communications</i> , 2017, 53, 9870-9873.	4.1	56
18	A Binder-Free Hybrid of CuO -Microspheres and rGO Nanosheets as an Alternative Material for Next Generation Energy Storage Application. <i>ChemistrySelect</i> , 2016, 1, 2826-2833.	1.5	28

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19	Non-enzymatic amperometric sensing of glucose by employing sucrose templated microspheres of copper oxide (CuO). Dalton Transactions, 2016, 45, 5833-5840.	3.3	58