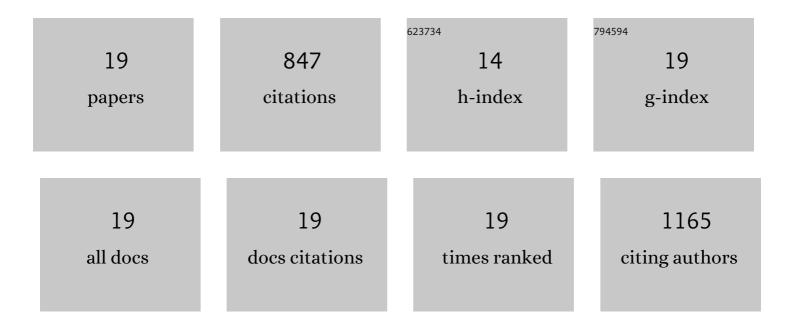
Kaushik Natarajan

List of Publications by Year in descending order

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#	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. Inorganic Chemistry, 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. Inorganic Chemistry, 2021, 60, 16986-16995.	4.0	18
3	Nanostructured δ-MnO ₂ /Cd(OH) ₂ Heterojunction Constructed under Ambient Conditions as a Sustainable Cathode for Photocatalytic Hydrogen Production. Industrial & Engineering Chemistry Research, 2020, 59, 7584-7593.	3.7	7
4	Electrochemical energy storage properties of solvothermally driven ZnFe ₂ O ₄ microspheres. Materials Research Express, 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. Crystal Growth and Design, 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. ACS Applied Materials & Interfaces, 2019, 11, 13295-13303.	8.0	55
7	A (CH ₃ NH ₃) ₃ Bi ₂ I ₉ Perovskite Based on a Twoâ€Step Deposition Method: Leadâ€Free, Highly Stable, and with Enhanced Photovoltaic Performance. ChemElectroChem, 2019, 6, 1192-1198.	3.4	56
8	Emerging Robust Heterostructure of MoS ₂ –rGO for High-Performance Supercapacitors. ACS Applied Materials & Interfaces, 2018, 10, 16588-16595.	8.0	163
9	Design and Synthesis of 1D-Polymeric Chain Based [(CH ₃ NH ₃ 3Bi ₂ Cl ₉] <i>n</i> Perovskite: A New Light Absorber Material for Lead Free Perovskite Solar Cells. ACS Applied Energy Materials, 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. ACS Sustainable Chemistry and Engineering, 2018, 6, 10489-10504.	6.7	57
11	Investigating the Role of Substrate Tin Diffusion on Hematite Based Photoelectrochemical Water Splitting System. Journal of Nanoscience and Nanotechnology, 2018, 18, 1856-1863.	0.9	6
12	Visible light driven water splitting through an innovative Cu-treated-δ-MnO ₂ nanostructure: probing enhanced activity and mechanistic insights. Nanoscale, 2018, 10, 13250-13260.	5.6	29
13	Microwave assisted fabrication of a nanostructured reduced graphene oxide (rGO)/Fe ₂ O ₃ composite as a promising next generation energy storage material. RSC Advances, 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. Dalton Transactions, 2017, 46, 15848-15858.	3.3	49
15	Multifunctional porous NiCo ₂ O ₄ nanorods: sensitive enzymeless glucose detection and supercapacitor properties with impedance spectroscopic investigations. New Journal of Chemistry, 2017, 41, 9299-9313.	2.8	62
16	Visible-Light-Induced Water Splitting Based on a Novel α-Fe ₂ O ₃ /CdS Heterostructure. ACS Omega, 2017, 2, 3447-3456.	3.5	33
17	A new multitalented azine ligand: elastic bending, single-crystal-to-single-crystal transformation and a fluorescence turn-on Al(<scp>iii</scp>) sensor. Chemical Communications, 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. ChemistrySelect, 2016, 1, 2826-2833.	1.5	28

#	Article	IF	CITATIONS
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