Prateek Bhojane

List of Publications by Year
in descending order

10 papers	476 citations	1040056 9 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	553 citing authors

#	Article	IF	Citations
1	Recent advances and fundamentals of Pseudocapacitors: Materials, mechanism, and its understanding. Journal of Energy Storage, 2022, 45, 103654.	8.1	81
2	Enhanced electrochemical performance of mesoporous NiCo 2 O 4 as an excellent supercapacitive alternative energy storage material. Applied Surface Science, 2016, 377, 376-384.	6.1	64
3	Mesoporous nickel cobalt hydroxide/oxide as an excellent room temperature ammonia sensor. Scripta Materialia, 2017, 128, 65-68.	5.2	64
4	Hybridization of Co₃O₄ and Î±-MnO₂ Nanostructures for High-Performance Nonenzymatic Glucose Sensing. ACS Sustainable Chemistry and Engineering, 2018, 6, 13248-13261.	6.7	54
5	A 3D mesoporous flowers of nickel carbonate hydroxide hydrate for high-performance electrochemical energy storage application. Electrochimica Acta, 2019, 296, 112-119.	5.2	52
6	Mesoporous layered hexagonal platelets of Co₃O₄ nanoparticles with (111) facets for battery applications: high performance and ultra-high rate capability. Nanoscale, 2018, 10, 1779-1787.	5.6	47
7	Synthesis of Ammonia-Assisted Porous Nickel Ferrite (NiFe₂O₄) Nanostructures as an Electrode Material for Supercapacitors. Journal of Nanoscience and Nanotechnology, 2017, 17, 1387-1392.	0.9	44
8	Controlling of ZnO nanostructures by solute concentration and its effect on growth, structural and optical properties. Materials Research Express, 2015, 2, 105017.	1.6	39
9	A quarter of a century after its synthesis and with >200 papers based on its use, `Co(CO₃)_{0.5}(OH)Â·0.11H₂Oâ€² proves to be Co₆(CO₃)₂(OH)₈Â·H₂O from synchrotron powder diffraction data. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 61-64.	0.5	22
10	Engineering oxygen-deficient nanocomposite comprising LaNiO3-Î´ and reduced graphene oxide for high-performance pseudocapacitors. Journal of Energy Storage, 2022, 54, 105301.	8.1	9