Balasubramanian Viswanathan

List of Publications by Year
in descending order

15 papers	1,620 citations	567281 15 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	3052 citing authors

#	Article	IF	Citations
1	Anode Catalysts for Direct Methanol Fuel Cells in Acidic Media: Do We Have Any Alternative for Pt or Ptâ€“Ru?. Chemical Reviews, 2014, 114, 12397-12429.	47.7	585
2	One-dimensional MoO2 nanorods for supercapacitor applications. Electrochemistry Communications, 2009, 11, 572-575.	4.7	186
3	Highly fluorescent carbon dots from Pseudo-stem of banana plant: Applications as nanosensor and bio-imaging agents. Sensors and Actuators B: Chemical, 2017, 252, 894-900.	7.8	150
4	Pineapple Peel-Derived Carbon Dots: Applications as Sensor, Molecular Keypad Lock, and Memory Device. ACS Omega, 2018, 3, 12584-12592.	3.5	97
5	Nitrogen-incorporated carbon nanotube derived from polystyrene and polypyrrole as hydrogen storage material. International Journal of Hydrogen Energy, 2018, 43, 5077-5088.	7.1	89
6	Tungsten trioxide nanorods as supports for platinum in methanol oxidation. Materials Chemistry and Physics, 2007, 106, 168-174.	4.0	73
7	Hollow Sodium Nickel Fluoride Nanocubes Deposited MWCNT as An Efficient Electrocatalyst for Urea Oxidation. Electrochimica Acta, 2017, 240, 175-185.	5.2	69
8	Facile Hydrogen Evolution Reaction on WO3Nanorods. Nanoscale Research Letters, 2007, 2, .	5.7	68
9	Studies on Niâ€“M (M = Cu, Ag, Au) bimetallic catalysts for selective hydrogenation of cinnamaldehyde. Catalysis Today, 2016, 263, 105-111.	4.4	67
10	Hydrogen storage on boron substituted carbon materials. International Journal of Hydrogen Energy, 2016, 41, 3527-3536.	7.1	51
11	Nitrogen- and oxygen-containing activated carbons from sucrose for electrochemical supercapacitor applications. RSC Advances, 2015, 5, 63000-63011.	3.6	48
12	Selective hydrogenation of cinnamaldehyde on nickel nanoparticles supported on titania: role of catalyst preparation methods. Catalysis Science and Technology, 2015, 5, 3313-3321.	4.1	44
13	A facile, morphology-controlled synthesis of potassium-containing manganese oxide nanostructures for electrochemical supercapacitor application. RSC Advances, 2014, 4, 33911-33922.	3.6	43
14	Heteroatom Doped Multi-Layered Graphene Material for Hydrogen Storage Application. Graphene, 2016, 05, 39-50.	1.0	30
15	Hetero Atom Substituted Carbonâ€”Potential Hydrogen Storage Materials. Advanced Porous Materials, 2013, 1, 122-128.	0.3	20