Pravin H Wadekar

List of Publications by Year
in descending order

22	619	567281 15	713466 21
papers	citations	h-index	g-index

22	22	22	529
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis of Iodineâ€Functionalized Graphene Electrocatalyst Using Deep Eutectic Solvents for Oxygen Reduction Reaction and Supercapacitors. Energy Technology, 2021, 9, 2000750.	3.8	5
2	Greener approach towards the synthesis of graphene nanosheet and its application in supercapacitor. Journal of Materials Science: Materials in Electronics, 2021, 32, 13100-13107.	2.2	5
3	Synthesis of High Concentration Stable Water Dispersion of Exfoliated Activated Graphite for Supercapacitor Application. ChemistrySelect, 2021, 6, 5949-5953.	1.5	0
4	Graphene-bentonite supported free-standing, flexible membrane with switchable wettability for selective oilâ€“water separation. Separation and Purification Technology, 2021, 266, 118569.	7.9	34
5	Boron Nitride doped Chitosan Functionalized Graphene for an Efficient Dye Degradation. ChemistrySelect, 2021, 6, 7956-7963.	1.5	4
6	Novel approach towards the synthesis of highly efficient flame retardant electrode and oil/organic solvent absorber. Chemosphere, 2020, 246, 125785.	8.2	21
7	Oneâ€step Preparation of Conducting Polymer/Metal Oxide Doped RGO Trinary Composite for Supercapacitor Applications. ChemistrySelect, 2020, 5, 11769-11777.	1.5	10
8	Super-hydrophobic carrageenan cross-linked graphene sponge for recovery of oil and organic solvent from their water mixtures. Polymer Testing, 2020, 90, 106743.	4.8	15
9	The Effect of Bioâ€inspired Coâ€electrolytes for Enhancement of Electrochemical Properties of Supercapacitors. Energy and Environmental Materials, 2020, 3, 429-435.	12.8	9
10	Eco-friendly biowaste-derived graphitic carbon as black pigment for conductive paint. Progress in Organic Coatings, 2020, 147, 105872.	3.9	12
11	Graphene-based intumescent flame retardant on cotton fabric. Journal of Materials Science, 2020, 55, 14197-14210.	3.7	36
12	Wasteâ€Derived Heteroatomâ€Doped Activated Carbon/Manganese Dioxide Trioâ€Composite for Supercapacitor Applications. Energy Technology, 2020, 8, 1901402.	3.8	27
13	A novel chemical reduction/co-precipitation method to prepare sulfur functionalized reduced graphene oxide for lithium-sulfur batteries. Electrochimica Acta, 2020, 344, 136147.	5.2	35
14	MnO2@Polyaniline-CNT-boron-doped graphene as a freestanding binder-free electrode material for supercapacitor. Journal of Materials Science: Materials in Electronics, 2020, 31, 8385-8393.	2.2	21
15	Oneâ€Pot Synthetic Approach for Magnetically Separable Graphene Nanocomposite for Dye Degradation. ChemistrySelect, 2020, 5, 1516-1525.	1.5	19
16	Synthesis of sulfur doped carbon nanoparticle for the improvement of supercapacitive performance. Journal of Energy Storage, 2020, 32, 101783.	8.1	24
17	Novel Approach toward the Synthesis of a Phosphorus-Functionalized Polymer-Based Graphene Composite as an Efficient Flame Retardant. ACS Sustainable Chemistry and Engineering, 2019, 7, 11745-11753.	6.7	78
18	Oneâ€Pot Synthesis of Sulfur and Nitrogen Coâ€Functionalized Graphene Material using Deep Eutectic Solvents for Supercapacitors. ChemSusChem, 2019, 12, 3326-3335.	6.8	44

#	Article	IF	Citations
19	BiomassâEDerived Lignocellulosic Graphene Composite: Novel Approach for Removal of Oil and Organic Solvent. ChemistrySelect, 2019, 4, 4568-4574.	1.5	27
20	Synthesis of Aqueous Dispersible Reduced Graphene Oxide by the Reduction of Graphene Oxide in Presence of Carbonic Acid. ChemistrySelect, 2018, 3, 5630-5638.	1.5	30
21	Novel approach towards the synthesis of carbon-based transparent highly effective flame retardant. Carbon, 2018, 139, 205-209.	10.3	75
22	Deep Eutectic Solvent Functionalized Graphene Composite as an Extremely High Potency Flame Retardant. ACS Applied Materials & Interfaces, 2017, 9, 35319-35324.	8.0	88