

Gyanaranjan Sahoo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Anticorrosion Performance of Three-Dimensional Hierarchical PANI@BN Nanohybrids. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 2921-2931.	1.8	86
2	Carbon quantum dot tailored calcium alginate hydrogel for pH responsive controlled delivery of vancomycin. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 109, 359-371.	1.9	79
3	Nano silver imprinted polyvinyl alcohol nanocomposite thin films for Hg ²⁺ sensor. <i>Sensors and Actuators B: Chemical</i> , 2017, 246, 96-107.	4.0	48
4	Nano gold decorated reduced graphene oxide wrapped polymethylmethacrylate for supercapacitor applications. <i>RSC Advances</i> , 2017, 7, 2137-2150.	1.7	48
5	Three-Dimensional Rice Straw-Structured Magnetic Nanoclay-Decorated Tripolymeric Nanohydrogels as Superadsorbent of Dye Pollutants. <i>ACS Applied Nano Materials</i> , 2018, 1, 1188-1203.	2.4	31
6	Nanoclay sandwiched reduced graphene oxide filled macroporous polyacrylamide-agar hybrid hydrogel as an adsorbent for dye decontamination. <i>Nano Structures Nano Objects</i> , 2020, 23, 100507.	1.9	31
7	The effect of reduced graphene oxide intercalated hybrid organoclay on the dielectric properties of polyvinylidene fluoride nanocomposite films. <i>Applied Clay Science</i> , 2018, 162, 69-82.	2.6	27
8	Dual Activities of Nano Silver Embedded Reduced Graphene Oxide Using Clove Leaf Extracts: Hg ²⁺ Sensing and Catalytic Degradation. <i>ChemistrySelect</i> , 2019, 4, 2593-2602.	0.7	22
9	Fabrication of acrylic modified coconut fiber reinforced polypropylene biocomposites: Study of mechanical, thermal, and erosion properties. <i>Polymer Composites</i> , 2017, 38, 2852-2862.	2.3	14
10	Preparation of thermal resistant gas barrier chitosan nanobiocomposites. <i>Polymer Composites</i> , 2014, 35, 2324-2328.	2.3	13
11	Antimicrobial Properties of Nanogold-Imprinted Starch Bionanocomposites. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 334-345.	1.9	8
12	Nano silver imprinted graphene oxide as catalyst in reduction of 4-nitrophenol. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e3971.	0.9	5
13	Polymer-Based Bionanocomposites for Future Packaging Materials. , 2018, , 33-48.		4
14	Nanocomposites of Polyurethane Filled with CNTs. , 2017, , 191-219.		2
15	Effect of layered graphene oxide on the structure and properties of bovine serum albumin grafted polyacrylonitrile hybrid bionanocomposites. <i>Polymer Composites</i> , 2019, 40, 3989-4003.	2.3	1
16	Oxygen Permeability of Layer Silicate Reinforced Polymer Nanocomposites. <i>Engineering Materials</i> , 2016, , 141-166.	0.3	0