

# Gyanaranjan Sahoo

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16  
papers

297  
citations

10  
h-index

16  
g-index

16  
ext. papers

352  
ext. citations

3.9  
avg, IF

3.69  
L-index

#	Paper	IF	Citations
16	Nanoclay sandwiched reduced graphene oxide filled macroporous polyacrylamide-agar hybrid hydrogel as an adsorbent for dye decontamination. <i>Nano Structures Nano Objects</i> , <b>2020</b> , 23, 100507	5.6	15
15	Nano silver imprinted graphene oxide as catalyst in reduction of 4-nitrophenol. <i>Journal of Physical Organic Chemistry</i> , <b>2019</b> , 32, e3971	2.1	3
14	Dual Activities of Nano Silver Embedded Reduced Graphene Oxide Using Clove Leaf Extracts: Hg <sup>2+</sup> Sensing and Catalytic Degradation. <i>ChemistrySelect</i> , <b>2019</b> , 4, 2593-2602	1.8	11
13	Effect of layered graphene oxide on the structure and properties of bovine serum albumin grafted polyacrylonitrile hybrid bionanocomposites. <i>Polymer Composites</i> , <b>2019</b> , 40, 3989-4003	3	0
12	Three-Dimensional Rice Straw-Structured Magnetic Nanoclay-Decorated Tripolymeric Nanohydrogels as Superadsorbent of Dye Pollutants. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 1188-1203	5.6	24
11	The effect of reduced graphene oxide intercalated hybrid organoclay on the dielectric properties of polyvinylidene fluoride nanocomposite films. <i>Applied Clay Science</i> , <b>2018</b> , 162, 69-82	5.2	18
10	Polymer-Based Bionanocomposites for Future Packaging Materials <b>2018</b> , 33-48		4
9	Fabrication of acrylic modified coconut fiber reinforced polypropylene biocomposites: Study of mechanical, thermal, and erosion properties. <i>Polymer Composites</i> , <b>2017</b> , 38, 2852-2862	3	10
8	Nano silver imprinted polyvinyl alcohol nanocomposite thin films for Hg <sup>2+</sup> sensor. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 246, 96-107	8.5	38
7	Nano gold decorated reduced graphene oxide wrapped polymethylmethacrylate for supercapacitor applications. <i>RSC Advances</i> , <b>2017</b> , 7, 2137-2150	3.7	37
6	Antimicrobial Properties of Nanogold-Imprinted Starch Bionanocomposites. <i>Polymer-Plastics Technology and Engineering</i> , <b>2017</b> , 56, 334-345		3
5	Nanocomposites of Polyurethane Filled with CNTs <b>2017</b> , 191-219		1
4	Carbon quantum dot tailored calcium alginate hydrogel for pH responsive controlled delivery of vancomycin. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 109, 359-371	5.1	51
3	Anticorrosion Performance of Three-Dimensional Hierarchical PANI@BN Nanohybrids. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2016</b> , 55, 2921-2931	3.9	70
2	Oxygen Permeability of Layer Silicate Reinforced Polymer Nanocomposites. <i>Engineering Materials</i> , <b>2016</b> , 141-166	0.4	
1	Preparation of thermal resistant gas barrier chitosan nanobiocomposites. <i>Polymer Composites</i> , <b>2014</b> , 35, 2324-2328	3	12