

Niladri N Sarkar

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.

21
papers

368
citations

10
h-index

19
g-index

21
ext. papers

431
ext. citations

3.9
avg, IF

4.06
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 21 | 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 | 5.6 | 15 |
| 20 | Graphene quantum dot decorated magnetic graphene oxide filled polyvinyl alcohol hybrid hydrogel for removal of dye pollutants. <i>Journal of Molecular Liquids</i> , 2020 , 302, 112591 | 6 | 28 |
| 19 | Rhodamine B associated Ag/r-GO nanocomposites as ultrasensitive fluorescent sensor for Hg ²⁺ . <i>Microchemical Journal</i> , 2020 , 154, 104577 | 4.8 | 8 |
| 18 | Nano silver imprinted graphene oxide as catalyst in reduction of 4-nitrophenol. <i>Journal of Physical Organic Chemistry</i> , 2019 , 32, e3971 | 2.1 | 3 |
| 17 | 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 | 3 | 0 |
| 16 | Nano Gold Hybrid Polyvinyl Alcohol Films for Sensing of Cu ²⁺ ions. <i>ChemistrySelect</i> , 2019 , 4, 9784-9793 | 1.8 | 8 |
| 15 | 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 | 5.6 | 24 |
| 14 | Designing of Epoxy Matrix by Chemically Modified Multiwalled Carbon Nanotubes. <i>Advances in Polymer Technology</i> , 2018 , 37, 176-184 | 1.9 | 14 |
| 13 | 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 | 5.2 | 18 |
| 12 | Polymer-Based Bionanocomposites for Future Packaging Materials 2018 , 33-48 | | 4 |
| 11 | Fabrication of acrylic modified coconut fiber reinforced polypropylene biocomposites: Study of mechanical, thermal, and erosion properties. <i>Polymer Composites</i> , 2017 , 38, 2852-2862 | 3 | 10 |
| 10 | Nano silicon carbide embodied soy protein bionanocomposites. <i>Polymer Composites</i> , 2017 , 38, E57-E65 | 3 | 6 |
| 9 | Nano silver imprinted polyvinyl alcohol nanocomposite thin films for Hg ²⁺ sensor. <i>Sensors and Actuators B: Chemical</i> , 2017 , 246, 96-107 | 8.5 | 38 |
| 8 | Nano gold decorated reduced graphene oxide wrapped polymethylmethacrylate for supercapacitor applications. <i>RSC Advances</i> , 2017 , 7, 2137-2150 | 3.7 | 37 |
| 7 | Antimicrobial Properties of Nanogold-Imprinted Starch Bionanocomposites. <i>Polymer-Plastics Technology and Engineering</i> , 2017 , 56, 334-345 | | 3 |
| 6 | Nanocomposites of Polyurethane Filled with CNTs 2017 , 191-219 | | 1 |
| 5 | 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 | 5.1 | 51 |

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|---|--|-----|----|
| 4 | Design of carbon nanofiber embedded conducting epoxy resin. <i>Materials Chemistry and Physics</i> , 2017 , 186, 29-35 | 4.4 | 8 |
| 3 | Anticorrosion Performance of Three-Dimensional Hierarchical PANI@BN Nanohybrids. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 2921-2931 | 3.9 | 70 |
| 2 | Oxygen Permeability of Layer Silicate Reinforced Polymer Nanocomposites. <i>Engineering Materials</i> , 2016 , 141-166 | 0.4 | |
| 1 | Preparation of Starch/PVA/CaCO ₃ Nanobiocomposite Films: Study of Fire Retardant, Thermal Resistant, Gas Barrier and Biodegradable Properties. <i>Polymer-Plastics Technology and Engineering</i> , 2014 , 53, 1664-1670 | | 22 |