

Bichitra Nanda Sahoo

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

630
citations

759055

12
h-index

1058333

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docs citations

14
times ranked

833
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Superhydrophobic silicone-coating on carbon foam for efficient oil adsorption. <i>Materials Letters</i> , 2022, 311, 131525. | 1.3 | 2 |
| 2 | Facile method for the preparation of high-performance photodetectors with a QDs/perovskite bilayer heterostructure. <i>Organic Electronics</i> , 2020, 76, 105444. | 1.4 | 21 |
| 3 | Superhydrophobic, Transparent, and Stretchable 3D Hierarchical Wrinkled Film-Based Sensors for Wearable Applications. <i>Advanced Materials Technologies</i> , 2019, 4, 1900230. | 3.0 | 60 |
| 4 | Chemical and Physical Pathways for Fabricating Flexible Superamphiphobic Surfaces with High Transparency. <i>Coatings</i> , 2018, 8, 47. | 1.2 | 21 |
| 5 | PDMS/camphor soot composite coating: towards a self-healing and a self-cleaning superhydrophobic surface. <i>RSC Advances</i> , 2017, 7, 15027-15040. | 1.7 | 43 |
| 6 | Development of Dual-Phobic Surfaces: Superamphiphobicity in Air and Oleophobicity Underwater. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 6716-6726. | 3.2 | 21 |
| 7 | Thermally Triggered Transition of Superhydrophobic Characteristics of Micro- and Nanotextured Multiscale Rough Surfaces. <i>Journal of Physical Chemistry C</i> , 2015, 119, 14201-14213. | 1.5 | 27 |
| 8 | A nanocellular PVDF-graphite water-repellent composite coating. <i>RSC Advances</i> , 2015, 5, 6743-6751. | 1.7 | 22 |
| 9 | Controlled fabrication of non-fluoro polymer composite film with hierarchically nano structured fibers. <i>Progress in Organic Coatings</i> , 2014, 77, 904-907. | 1.9 | 19 |
| 10 | An experimental design for the investigation of water repellent property of candle soot particles. <i>Materials Chemistry and Physics</i> , 2014, 148, 134-142. | 2.0 | 72 |
| 11 | Photoluminescent carbon soot particles derived from controlled combustion of camphor for superhydrophobic applications. <i>RSC Advances</i> , 2014, 4, 11331. | 1.7 | 99 |
| 12 | Facile synthesis of nano cauliflower and nano broccoli like hierarchical superhydrophobic composite coating using PVDF/carbon soot particles via gelation technique. <i>Journal of Colloid and Interface Science</i> , 2014, 436, 111-121. | 5.0 | 48 |
| 13 | Recent progress in fabrication and characterisation of hierarchical biomimetic superhydrophobic structures. <i>RSC Advances</i> , 2014, 4, 22053. | 1.7 | 163 |
| 14 | Effect of TiO ₂ Powder on the Surface Morphology of Micro/Nanoporous Structured Hydrophobic Fluoropolymer Based Composite Material. <i>Journal of Polymers</i> , 2013, 2013, 1-4. | 0.9 | 12 |