

Pradeep Kumar Panda

List of Publications by Year in descending order

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13
papers

406
citations

840776

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docs citations

13
times ranked

182
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Development of chitosan, graphene oxide, and cerium oxide composite blended films: structural, physical, and functional properties. <i>Cellulose</i> , 2022, 29, 2399-2411. | 4.9 | 42 |
| 2 | Poly (vinyl alcohol)/chitosan/sodium alginate composite blended membrane: Preparation, characterization, and water-induced shape memory phenomenon. <i>Polymer Engineering and Science</i> , 2022, 62, 1526-1537. | 3.1 | 20 |
| 3 | Improvement of chitosan water solubility by fumaric acid modification. <i>Materials Letters</i> , 2022, 316, 132046. | 2.6 | 31 |
| 4 | Synthesis and Characterization of Modified Poly(vinyl alcohol) Membrane and Study of Its Enhanced Water-Induced Shape-Memory Behavior. <i>Journal of Polymers and the Environment</i> , 2022, 30, 3409-3419. | 5.0 | 18 |
| 5 | Facile thermal and hydrolytic conversion of tannic acid: Enhancement of antimicrobial activity and biocompatibility for biomedical applications. <i>Materials Chemistry and Physics</i> , 2022, 285, 126141. | 4.0 | 14 |
| 6 | Recent advances in poly (vinyl alcohol)/natural polymer based films for food packaging applications: A review. <i>Food Packaging and Shelf Life</i> , 2022, 33, 100904. | 7.5 | 53 |
| 7 | Preparation and characterization of ferulic acid-modified water soluble chitosan and poly (β -glutamic) Tj ETQq1 1 0.784314 rgBT /Overl <i>Journal of Biological Macromolecules</i> , 2021, 171, 457-464. | 7.5 | 41 |
| 8 | Water-induced shape memory behavior of poly (vinyl alcohol) and p-coumaric acid-modified water-soluble chitosan blended membrane. <i>Carbohydrate Polymers</i> , 2021, 257, 117633. | 10.2 | 58 |
| 9 | Biodegradable self-assembled polymeric micelles based on poly (ethylene oxide)-block-poly lactide block copolymer for sustained delivery of dapsone. <i>Journal of Drug Delivery Science and Technology</i> , 2021, , 102858. | 3.0 | 0 |
| 10 | Studies on Mechanical Properties of Kevlar/Napier Grass Fibers Reinforced with Polymer Matrix Hybrid Composite. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-9. | 1.8 | 15 |
| 11 | Exploration on Mechanical Behaviours of Hyacinth Fibre Particles Reinforced Polymer Matrix-Based Hybrid Composites for Electronic Applications. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-10. | 1.8 | 9 |
| 12 | Isolation, process optimisation and characterisation of the protein from the de-coiled cake flour of <i>Madhuca latifolia</i> . <i>IET Nanobiotechnology</i> , 2020, 14, 654-661. | 3.8 | 15 |
| 13 | Modification of different molecular weights of chitosan by p-Coumaric acid: Preparation, characterization and effect of molecular weight on its water solubility and antioxidant property. <i>International Journal of Biological Macromolecules</i> , 2019, 136, 661-667. | 7.5 | 90 |