

# Pradeep Kumar Panda

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

406  
citations

840776

11  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

182  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Preparation and characterization of ferulic acid-modified water soluble chitosan and poly ( $\beta$ -glutamic) Tj ETQq1 1 0.784314 rgBT /Overle <i>Journal of Biological Macromolecules</i> , 2021, 171, 457-464.	7.5	41
6	Improvement of chitosan water solubility by fumaric acid modification. <i>Materials Letters</i> , 2022, 316, 132046.	2.6	31
7	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
8	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
9	Isolation, process optimisation and characterisation of the protein from the deoiled cake flour of <i>Madhuca latifolia</i> . <i>IET Nanobiotechnology</i> , 2020, 14, 654-661.	3.8	15
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	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
12	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
13	Biodegradable self-assembled polymeric micelles based on poly (ethylene oxide)-block-poly lactide block copolymer for sustained delivery of dapson. <i>Journal of Drug Delivery Science and Technology</i> , 2021, , 102858.	3.0	0