

# Pawan Kumar Mishra

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,979  
citations

361413

20  
h-index

361022

35  
g-index

39  
all docs

39  
docs citations

39  
times ranked

3215  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc oxide nanoparticles: a promising nanomaterial for biomedical applications. <i>Drug Discovery Today</i> , 2017, 22, 1825-1834.	6.4	520
2	Metal nanoparticles: a theranostic nanotool against cancer. <i>Drug Discovery Today</i> , 2015, 20, 1143-1151.	6.4	236
3	Cellulose nanofiber aerogel as a promising biomaterial for customized oral drug delivery. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 2021-2031.	6.7	135
4	The Self-Assembly of Lignin and Its Application in Nanoparticle Synthesis: A Short Review. <i>Nanomaterials</i> , 2019, 9, 243.	4.1	135
5	Melanoma treatment: from conventional to nanotechnology. <i>Journal of Cancer Research and Clinical Oncology</i> , 2018, 144, 2283-2302.	2.5	128
6	A Review of Adsorbents for Heavy Metal Decontamination: Growing Approach to Wastewater Treatment. <i>Materials</i> , 2021, 14, 4702.	2.9	95
7	Assessing the potential of lignin nanoparticles as drug carrier: Synthesis, cytotoxicity and genotoxicity studies. <i>International Journal of Biological Macromolecules</i> , 2020, 152, 786-802.	7.5	89
8	Development and characterization of metal oxide nanoparticles for the delivery of anticancer drug. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 672-679.	2.8	77
9	Nanoparticle-drug conjugates treating bacterial infections. <i>Journal of Controlled Release</i> , 2019, 307, 166-185.	9.9	66
10	Lignin for Bioeconomy: The Present and Future Role of Technical Lignin. <i>International Journal of Molecular Sciences</i> , 2021, 22, 63.	4.1	60
11	Effects of Conservation Tillage and Nutrient Management Practices on Soil Fertility and Productivity of Rice ( <i>Oryza sativa</i> L.)—Rice System in North Eastern Region of India. <i>Sustainability</i> , 2017, 9, 1816.	3.2	48
12	Novel 4-in-1 strategy to combat colon cancer, drug resistance and cancer relapse utilizing functionalized bioinspiring lignin nanoparticle. <i>Medical Hypotheses</i> , 2018, 121, 10-14.	1.5	39
13	Co-Delivery of Eugenol and Dacarbazine by Hyaluronic Acid-Coated Liposomes for Targeted Inhibition of Survivin in Treatment of Resistant Metastatic Melanoma. <i>Pharmaceutics</i> , 2019, 11, 163.	4.5	39
14	XPS depth profile of plasma-activated surface of beech wood ( <i>Fagus sylvatica</i> ) and its impact on polyvinyl acetate tensile shear bond strength. <i>Wood Science and Technology</i> , 2015, 49, 319-330.	3.2	38
15	Utilizing brewer's-spent-grain in wood-based particleboard manufacturing. <i>Journal of Cleaner Production</i> , 2017, 141, 812-817.	9.3	37
16	Methylene Blue Dye Adsorption from Wastewater Using Hydroxyapatite/Gold Nanocomposite: Kinetic and Thermodynamics Studies. <i>Nanomaterials</i> , 2021, 11, 1403.	4.1	33
17	Optimization of multiple arcs protrusion obstacle parameters using AHP-TOPSIS approach in an impingement jet solar air passage. <i>Heat and Mass Transfer</i> , 2018, 54, 3797-3808.	2.1	31
18	Changing Face of Wood Science in Modern Era: Contribution of Nanotechnology. <i>Recent Patents on Nanotechnology</i> , 2018, 12, 13-21.	1.3	28

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19	A Simple Method to Synthesize Lignin Nanoparticles. <i>Colloids and Interfaces</i> , 2019, 3, 52.	2.1	27
20	Wood-Based Cellulose Nanofibrils: Haemocompatibility and Impact on the Development and Behaviour of <i>Drosophila melanogaster</i> . <i>Biomolecules</i> , 2019, 9, 363.	4.0	25
21	Assessing the Influence of Roasting Process Parameters on Mepiquat and Chlormequat Formation in Dark Barley Malts. <i>Food and Bioprocess Technology</i> , 2018, 11, 1177-1187.	4.7	12
22	Properties of Biocomposites Produced with Thermoplastic Starch and Digestate: Physicochemical and Mechanical Characteristics. <i>Materials</i> , 2021, 14, 6092.	2.9	12
23	Estimation of Volatile Organic Compounds (VOCs) and Human Health Risk Assessment of Simulated Indoor Environment Consisting of Upholstered Furniture Made of Commercially Available Foams. <i>Advances in Polymer Technology</i> , 2019, 2019, 1-10.	1.7	10
24	Structure, Genome, Infection Cycle and Clinical Manifestations Associated with Human Papillomavirus. <i>Current Pharmaceutical Biotechnology</i> , 2019, 20, 1260-1280.	1.6	10
25	Multivariate analysis for forensic characterization, discrimination, and classification of marker pen inks. <i>Spectroscopy Letters</i> , 2018, 51, 205-215.	1.0	9
26	Comparative Time Study of Conventional Cut-To-Length and an Integrated Harvesting Method—A Case Study. <i>Forests</i> , 2018, 9, 194.	2.1	8
27	Recent Advancements in Lignin Valorization and Biomedical Applications: A Patent Review. <i>Recent Patents on Nanotechnology</i> , 2022, 16, 107-127.	1.3	8
28	Nanocellulose-Based Biomedical Scaffolds in Future Bioeconomy: A Techno-Legal Assessment of the State-of-the-Art. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 789603.	4.1	6
29	Functionalized nanoliposomes loaded with anti survivin and anti angiogenic agents to enhance the activity of chemotherapy against melanoma by 4-pronged action. <i>Medical Hypotheses</i> , 2018, 116, 141-146.	1.5	4
30	Specific Modulus and Density Profile as Characterization Criteria of Prefabricated Wood Composite Materials. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2015, 63, 433-438.	0.4	4
31	Formulation and Characterization of Corn Grits- Propylene Glycol Extrudates. <i>Materials Today: Proceedings</i> , 2020, 21, 1772-1780.	1.8	3
32	Numerical Simulations of a Postulated Methanol Pool Fire Scenario in a Ventilated Enclosure Using a Coupled FVM-FEM Approach. <i>Processes</i> , 2022, 10, 918.	2.8	3
33	GC-FID and Olfactometry-Assisted Assessment of Odors from Polymeric Foams under Normal and Repeated-Use Conditions. <i>Advances in Polymer Technology</i> , 2020, 2020, 1-9.	1.7	1
34	Effect of Ethylene Oxide Sterilization and Accelerated Ageing on the Physical and Mechanical Properties of Beech, Oak, and Elm Wood: Part 1. <i>BioResources</i> , 2018, 13, .	1.0	1
35	Effect of Ethylene Oxide Sterilization and Accelerated Ageing on the Physical and Mechanical Properties of Beech, Oak, and Elm Wood: Part 2. <i>BioResources</i> , 2018, 13, .	1.0	1
36	Bonding Strength of Thermally Treated Spruce ( <i>Picea abies</i> ) and Oak Wood. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2014, 62, 539-542.	0.4	1

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37	Effect of Refiner Plate Pattern Design on Refined Fibre Size Distribution – a Time Series Study. <i>Drvna Industrija</i> , 2015, 66, 63-67.	0.6	0
38	Alternate Method for Determination of Glue-line Tensile Strength of Spliced Veneers in Czech Republic. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2015, 63, 769-773.	0.4	0
39	Simultaneous Determination of Hydrophilic and Lipophilic Drugs in Anti-Cancer Liposomes: Absorptivity Method. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2019, 53, s170-s178.	0.6	0