

Pawan Kumar Mishra

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5076647/publications.pdf>

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	Recent Advancements in Lignin Valorization and Biomedical Applications: A Patent Review. Recent Patents on Nanotechnology, 2022, 16, 107-127.	1.3	8
2	Numerical Simulations of a Postulated Methanol Pool Fire Scenario in a Ventilated Enclosure Using a Coupled FVM-FEM Approach. Processes, 2022, 10, 918.	2.8	3
3	Methylene Blue Dye Adsorption from Wastewater Using Hydroxyapatite/Gold Nanocomposite: Kinetic and Thermodynamics Studies. Nanomaterials, 2021, 11, 1403.	4.1	33
4	A Review of Adsorbents for Heavy Metal Decontamination: Growing Approach to Wastewater Treatment. Materials, 2021, 14, 4702.	2.9	95
5	Lignin for Bioeconomy: The Present and Future Role of Technical Lignin. International Journal of Molecular Sciences, 2021, 22, 63.	4.1	60
6	Properties of Biocomposites Produced with Thermoplastic Starch and Digestate: Physicochemical and Mechanical Characteristics. Materials, 2021, 14, 6092.	2.9	12
7	Nanocellulose-Based Biomedical Scaffolds in Future Bioeconomy: A Techno-Legal Assessment of the State-of-the-Art. Frontiers in Bioengineering and Biotechnology, 2021, 9, 789603.	4.1	6
8	GC-FID and Olfactometry-Assisted Assessment of Odors from Polymeric Foams under Normal and Repeated-Use Conditions. Advances in Polymer Technology, 2020, 2020, 1-9.	1.7	1
9	Formulation and Characterization of Corn Grits- Propylene Glycol Extrudates. Materials Today: Proceedings, 2020, 21, 1772-1780.	1.8	3
10	Assessing the potential of lignin nanoparticles as drug carrier: Synthesis, cytotoxicity and genotoxicity studies. International Journal of Biological Macromolecules, 2020, 152, 786-802.	7.5	89
11	Wood-Based Cellulose Nanofibrils: Haemocompatibility and Impact on the Development and Behaviour of Drosophila melanogaster. Biomolecules, 2019, 9, 363.	4.0	25
12	Nanoparticle-drug conjugates treating bacterial infections. Journal of Controlled Release, 2019, 307, 166-185.	9.9	66
13	A Simple Method to Synthesize Lignin Nanoparticles. Colloids and Interfaces, 2019, 3, 52.	2.1	27
14	Co-Delivery of Eugenol and Dacarbazine by Hyaluronic Acid-Coated Liposomes for Targeted Inhibition of Survivin in Treatment of Resistant Metastatic Melanoma. Pharmaceutics, 2019, 11, 163.	4.5	39
15	The Self-Assembly of Lignin and Its Application in Nanoparticle Synthesis: A Short Review. Nanomaterials, 2019, 9, 243.	4.1	135
16	Estimation of Volatile Organic Compounds (VOCs) and Human Health Risk Assessment of Simulated Indoor Environment Consisting of Upholstered Furniture Made of Commercially Available Foams. Advances in Polymer Technology, 2019, 2019, 1-10.	1.7	10
17	Simultaneous Determination of Hydrophilic and Lipophilic Drugs in Anti-Cancer Liposomes: Absorptivity Method. Indian Journal of Pharmaceutical Education and Research, 2019, 53, s170-s178.	0.6	0
18	Structure, Genome, Infection Cycle and Clinical Manifestations Associated with Human Papillomavirus. Current Pharmaceutical Biotechnology, 2019, 20, 1260-1280.	1.6	10

#	ARTICLE	IF	CITATIONS
19	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
20	Comparative Time Study of Conventional Cut-To-Length and an Integrated Harvesting Methodâ€”A Case Study. <i>Forests</i> , 2018, 9, 194.	2.1	8
21	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
22	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
23	Changing Face of Wood Science in Modern Era: Contribution of Nanotechnology. <i>Recent Patents on Nanotechnology</i> , 2018, 12, 13-21.	1.3	28
24	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
25	Melanoma treatment: from conventional to nanotechnology. <i>Journal of Cancer Research and Clinical Oncology</i> , 2018, 144, 2283-2302.	2.5	128
26	Multivariate analysis for forensic characterization, discrimination, and classification of marker pen inks. <i>Spectroscopy Letters</i> , 2018, 51, 205-215.	1.0	9
27	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
28	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
29	Zinc oxide nanoparticles: a promising nanomaterial for biomedical applications. <i>Drug Discovery Today</i> , 2017, 22, 1825-1834.	6.4	520
30	Utilizing brewer's-spent-grain in wood-based particleboard manufacturing. <i>Journal of Cleaner Production</i> , 2017, 141, 812-817.	9.3	37
31	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
32	Effects of Conservation Tillage and Nutrient Management Practices on Soil Fertility and Productivity of Rice (<i>Oryza sativa</i> L.)â€”Rice System in North Eastern Region of India. <i>Sustainability</i> , 2017, 9, 1816.	3.2	48
33	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
34	Metal nanoparticles: a theranostic nanotool against cancer. <i>Drug Discovery Today</i> , 2015, 20, 1143-1151.	6.4	236
35	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
36	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

#	ARTICLE	IF	CITATIONS
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	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