

# Puneet Pathak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/627194/publications.pdf>

Version: 2024-02-01

21  
papers

405  
citations

1162367

8  
h-index

839053

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

454  
citing authors

#	ARTICLE	IF	CITATIONS
1	Processes and problems of pulp and paper industry: an overview. ChemistrySelect, 2023, 8, 299-325.	0.7	6
2	Biodeinking: an eco-friendly alternative for chemicals based recycled fiber processing. ChemistrySelect, 2023, 8, 1941-1965.	0.7	0
3	Improved deinking and biobleaching efficiency of enzyme consortium from Thermomyces lanuginosus VAPS25 using genetic Algorithm-Artificial neural network based tools. Bioresource Technology, 2022, 349, 126846.	4.8	12
4	"PRODUCTION OF ADVANCED FIBRILLATED CELLULOSIC MATERIAL FROM WHEAT STRAW BY REFINING PROCESS TO IMPROVE PAPER QUALITY". Cellulose Chemistry and Technology, 2022, 56, 625-635.	0.5	0
5	Rotary disc bioreactor-based approach for bacterial nanocellulose production using Gluconacetobacter xylinus NCIM 2526 strain. Cellulose, 2022, 29, 7177-7191.	2.4	9
6	Impact of mild and harsh conditions of formic acid-based organosolv pretreatment on biomass fractionation of sugarcane tops. Biomass Conversion and Biorefinery, 2021, 11, 2027-2040.	2.9	14
7	Improving Biogas Production by Co-digestion of Banana Stem Juice with Agro-Based Material Washings and Digestate Along with Microbial Culture. Waste and Biomass Valorization, 2021, 12, 1385-1393.	1.8	5
8	Static intermittent fed-batch production of bacterial nanocellulose from black tea and its modification using chitosan to develop antibacterial green packaging material. Journal of Cleaner Production, 2021, 279, 123608.	4.6	42
9	Micro-nanofibrillated cellulose preparation from bleached softwood pulp using chemo-refining approach and its evaluation as strength enhancer for paper properties. Applied Nanoscience (Switzerland), 2021, 11, 101-115.	1.6	5
10	Ternary nano-biocomposite films using synergistic combination of bacterial cellulose with chitosan and gelatin for tissue engineering applications. Journal of Biomaterials Science, Polymer Edition, 2021, 32, 166-188.	1.9	15
11	Two-Step Saccharification of the Xylan Portion of Sugarcane Waste by Recombinant Xylanolytic Enzymes for Enhanced Xylose Production. ACS Omega, 2021, 6, 11772-11782.	1.6	6
12	Slime control in paper mill using biological agents as biocides. ChemistrySelect, 2021, 6, 149-173.	0.7	1
13	Partial purification of bacterial cellulose-xylanolytic enzymes and their application in deinking of photocopier waste paper. Environmental Science and Pollution Research, 2021, 28, 61317-61328.	2.7	8
14	Waste paper: An underutilized but promising source for nanocellulose mining. Waste Management, 2020, 102, 281-303.	3.7	103
15	Utilization of Different Microbes to Enhance the Biogas Production from Banana Stem Juice. Journal of Environmental Engineering, ASCE, 2020, 146, .	0.7	7
16	Facile chemo-refining approach for production of micro-nanofibrillated cellulose from bleached mixed hardwood pulp to improve paper quality. Carbohydrate Polymers, 2020, 238, 116186.	5.1	17
17	Fungal Enzymes Application for Recycling of Waste Papers. Current Biotechnology, 2018, 7, 151-167.	0.2	5
18	Chapter 6 Microbial Enzymes for Pulp and Paper Industry. , 2016, , 163-240.		8

#	ARTICLE	IF	CITATIONS
19	Enzymatic deinking for recycling of photocopier waste papers using crude cellulase and xylanase of <i>Trichoderma harzianum</i> PPDDN10 NFCCI 2925. <i>Nordic Pulp and Paper Research Journal</i> , 2015, 30, 689-700.	0.3	6
20	Production of Crude Cellulase and Xylanase From <i>Trichoderma harzianum</i> PPDDN10 NFCCI-2925 and Its Application in Photocopier Waste Paper Recycling. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 3776-3797.	1.4	85
21	Optimization of chemical and enzymatic deinking of photocopier waste paper. <i>BioResources</i> , 2011, 6, 447-463.	0.5	51