

# Neelam Yadav

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

2,013  
citations

304743

22  
h-index

289244

40  
g-index

73  
all docs

73  
docs citations

73  
times ranked

1832  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial biofertilizers: Bioresources and eco-friendly technologies for agricultural and environmental sustainability. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 23, 101487.	3.1	277
2	Endophytic microbes: biodiversity, plant growth-promoting mechanisms and potential applications for agricultural sustainability. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1075-1107.	1.7	166
3	Agriculturally and Industrially Important Fungi: Current Developments and Potential Biotechnological Applications. <i>Fungal Biology</i> , 2019, , 1-64.	0.6	126
4	Biodiversity, current developments and potential biotechnological applications of phosphorus-solubilizing and -mobilizing microbes: A review. <i>Pedosphere</i> , 2021, 31, 43-75.	4.0	113
5	Occurrence, synthesis, toxicity and detection methods for acrylamide determination in processed foods with special reference to biosensors: A review. <i>Trends in Food Science and Technology</i> , 2019, 85, 211-225.	15.1	81
6	Drought-Tolerant Phosphorus-Solubilizing Microbes: Biodiversity and Biotechnological Applications for Alleviation of Drought Stress in Plants. <i>Microorganisms for Sustainability</i> , 2019, , 255-308.	0.7	76
7	An insight into fusion technology aiding efficient recombinant protein production for functional proteomics. <i>Archives of Biochemistry and Biophysics</i> , 2016, 612, 57-77.	3.0	58
8	Trichoderma: Biodiversity, Ecological Significances, and Industrial Applications. <i>Fungal Biology</i> , 2019, , 85-120.	0.6	58
9	Fungal Phytoremediation of Heavy Metal-Contaminated Resources: Current Scenario and Future Prospects. <i>Fungal Biology</i> , 2019, , 437-461.	0.6	50
10	Metabolic Engineering to Synthetic Biology of Secondary Metabolites Production. , 2019, , 279-320.		46
11	Endophytic Fungi: Biodiversity, Ecological Significance, and Potential Industrial Applications. <i>Fungal Biology</i> , 2019, , 1-62.	0.6	46
12	Endophytic microbes in nanotechnology: Current development, and potential biotechnology applications. , 2020, , 231-262.		44
13	Effect of alumina nanoparticles on dielectric permittivity, electrical conductivity, director relaxation frequency, threshold and switching voltages of a nematic liquid crystalline material. <i>Liquid Crystals</i> , 2014, 41, 1803-1810.	2.2	43
14	The therapeutic effect of bone marrowâ€derived liver cells in the phenotypic correction of murine hemophilia A. <i>Blood</i> , 2009, 114, 4552-4561.	1.4	41
15	Quorum sensing pathways in Gram-positive and -negative bacteria: potential of their interruption in abating drug resistance. <i>Journal of Chemotherapy</i> , 2019, 31, 161-187.	1.5	39
16	Potential Applications of Food Derived Bioactive Peptides in Management of Health. <i>International Journal of Peptide Research and Therapeutics</i> , 2016, 22, 377-398.	1.9	34
17	Cadmium selenide quantum dots for the amelioration of the properties of a room temperature discotic liquid crystalline material. <i>RSC Advances</i> , 2015, 5, 78823-78832.	3.6	33
18	High Quality Unigenes and Microsatellite Markers from Tissue Specific Transcriptome and Development of a Database in Clusterbean ( <i>Cyamopsis tetragonoloba</i> , L. Taub). <i>Genes</i> , 2017, 8, 313.	2.4	33

#	ARTICLE	IF	CITATIONS
19	Preparation, characterization and application of haemoglobin nanoparticles for detection of acrylamide in processed foods. International Journal of Biological Macromolecules, 2018, 107, 1000-1013.	7.5	31
20	Genetic Manipulation of Secondary Metabolites Producers. , 2019, , 13-29.		31
21	Effect of Picroliv on cadmium induced testicular damage in rat. Food and Chemical Toxicology, 2008, 46, 494-501.	3.6	30
22	Phytochemical constituents and ethnopharmacological properties of <i>Ageratum conyzoides</i> L. Phytotherapy Research, 2019, 33, 2163-2178.	5.8	29
23	Bioengineering of Secondary Metabolites. , 2019, , 55-68.		28
24	Analytical techniques for the detection of glycated haemoglobin underlining the sensors. International Journal of Biological Macromolecules, 2020, 155, 685-696.	7.5	28
25	Effect of thermal and non-thermal processing on antioxidant potential of cowpea seeds. International Journal of Food Properties, 2018, 21, 437-451.	3.0	26
26	Incorporation of liquid crystalline triphenylene derivative in bulk heterojunction solar cell with molybdenum oxide as buffer layer for improved efficiency. Liquid Crystals, 2016, 43, 928-936.	2.2	25
27	Endophytic fungi from medicinal plants: biodiversity and biotechnological applications. , 2020, , 273-305.		25
28	An amperometric H <sub>2</sub> O <sub>2</sub> biosensor based on hemoglobin nanoparticles immobilized on to a gold electrode. Bioscience Reports, 2017, 37, .	2.4	24
29	Genetic Diversity of Methylophilic Yeast and Their Impact on Environments. Fungal Biology, 2019, , 53-71.	0.6	24
30	Acrylamide content in starch based commercial foods by using high performance liquid chromatography and its association with browning index. Current Research in Food Science, 2022, 5, 464-470.	5.8	23
31	Factor VIII Can Be Synthesized in Hemophilia A Mice Liver by Bone Marrow Progenitor Cell-Derived Hepatocytes and Sinusoidal Endothelial Cells. Stem Cells and Development, 2012, 21, 110-120.	2.1	22
32	Strengthening of columnar hexagonal phase of a room temperature discotic liquid crystalline material by using ferroelectric barium titanate nanoparticles. Journal of Molecular Liquids, 2019, 294, 111609.	4.9	22
33	New sol-gel precursors for binary oxides of antimony, Sb <sub>2</sub> O <sub>3</sub> (senarmonite) and Sb <sub>2</sub> O <sub>4</sub> : synthesis and characterization of some ketoximate modified antimony(III) alkoxides. Journal of Sol-Gel Science and Technology, 2010, 54, 119-128.	2.4	16
34	Chiral smectic- $A$ and smectic- $C$ phases with de Vries characteristics. Physical Review E, 2017, 95, 062704.	2.1	16
35	Effect of iron oxide ( $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> ) nanoparticles on the morphological, electro-optical and dielectric properties of a nematic liquid crystalline material. Journal of Molecular Liquids, 2020, 319, 114299.	4.9	16
36	Therapeutic efficacy of Picroliv in chronic cadmium toxicity. Food and Chemical Toxicology, 2009, 47, 871-879.	3.6	15



#	ARTICLE	IF	CITATIONS
55	Environment friendly qualitatively responsive ethyl cellulose films as smart food packaging. <i>Materials Express</i> , 2019, 9, 792-800.	0.5	4
56	Disruption of Protease Genes in Microbes for Production of Heterologous Proteins. , 2019, , 35-75.		4
57	Synthesis and characterization of hydrothermally synthesized superparamagnetic APTSâ€ZnFe <sub>2</sub> O <sub>4</sub> nanoparticles: DNA binding studies for exploring biomedical applications. <i>Chemical Papers</i> , 2020, 74, 1177-1188.	2.2	4
58	Plant Glycomics: Advances and Applications. , 2015, , 299-329.		4
59	Elucidation of the de Vries behavior in terms of the orientational order parameter, apparent tilt angle, and field-induced tilt angle for smectic liquid crystals by polarized infrared spectroscopy. <i>Physical Review E</i> , 2019, 100, 052704.	2.1	3
60	Ameliorating color value, antinutrients, phenolic content of sesame seed cake with better oil recovery by response surface methodology. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15850.	2.0	3
61	Unclasp potential chickpea resources for the antioxidant enzyme Superoxide Dismutase. <i>JSFA Reports</i> , 0, , .	0.8	3
62	Sulphur management in groundnut for higher productivity and profitability under Semi-Arid condition of Rajasthan, India. <i>Legume Research</i> , 2018, , .	0.1	2
63	Plant Secretomics: Unique Initiatives. , 2015, , 357-384.		2
64	Comparison of BTSE-RGD with DOTA-RGD as a potential imaging agent for tumors. <i>RSC Advances</i> , 2015, 5, 54439-54445.	3.6	1
65	Pan-interactomics and its applications. , 2020, , 397-435.		1
66	Growth and productivity of groundnut ( <i>Arachis hypogaea</i> L.) under varying levels and sources of sulphur in semi-arid conditions of Rajasthan. <i>Legume Research</i> , 2017, , .	0.1	1
67	Chloroplast Proteins and Virus Interplay: A Pathfinder to Crop Improvement. , 2019, , 631-665.		1
68	Cloning of Salinity Tolerant Gene from a Soil-Borne Bacterium and its Characterization. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2007, 16, 101-107.	1.7	0
69	Synthesis and characterization of thiosemicarbazone derivatives of methylbismuth(III) dichloride: generation of one dimensional micro-rods of bismuthinite from [MeBiCl <sub>2</sub> ·n{(C <sub>6</sub> H <sub>4</sub> OH)CHNNHCSNH <sub>2</sub> }] by a solvothermal process. <i>Main Group Metal Chemistry</i> , 2011, 34, .	1.6	0
70	<sup>99m</sup> Tc labeled macrocyclic aza-oxa and aza-thia probes: synthesis, characterization and in vitro & in vivo biological studies. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015, 83, 299-307.	1.6	0
71	Physicochemical, Functional and Biscuit Making Properties of Wheat Flour and Potato Flour Blends. <i>Current Nutrition and Food Science</i> , 2017, 13, .	0.6	0