

Neelam Yadav

List of Publications by Year in descending order

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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	Acrylamide content in starch based commercial foods by using high performance liquid chromatography and its association with browning index. <i>Current Research in Food Science</i> , 2022, 5, 464-470.	5.8	23
2	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
3	Molecular, functional and nutritional properties of chickpea (<i>Cicer arietinum</i> L.) protein isolates prepared by modified solubilization methods. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 2352-2368.	3.2	12
4	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
5	Synthesis and characterization of hydrothermally synthesized superparamagnetic APTS@ZnFe ₂ O ₄ nanoparticles: DNA binding studies for exploring biomedical applications. <i>Chemical Papers</i> , 2020, 74, 1177-1188.	2.2	4
6	Microbial biofertilizers: Bioresources and eco-friendly technologies for agricultural and environmental sustainability. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 23, 101487.	3.1	277
7	Few biomedical applications of carbon nanotubes. <i>Methods in Enzymology</i> , 2020, 630, 347-363.	1.0	14
8	Effect of iron oxide (Fe ₃ O ₄) nanoparticles on the morphological, electro-optical and dielectric properties of a nematic liquid crystalline material. <i>Journal of Molecular Liquids</i> , 2020, 319, 114299.	4.9	16
9	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
10	Endophytic fungi from medicinal plants: biodiversity and biotechnological applications. , 2020, , 273-305.		25
11	Endophytic microbes in nanotechnology: Current development, and potential biotechnology applications. , 2020, , 231-262.		44
12	Pan-interactomics and its applications. , 2020, , 397-435.		1
13	Analytical techniques for the detection of glycated haemoglobin underlining the sensors. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 685-696.	7.5	28
14	Unexpected electric-field-induced antiferroelectric liquid crystal phase in the SmC^* temperature range and the discrete flexoelectric effect. <i>Physical Review E</i> , 2019, 100, 010701.		
15	Phytochemical constituents and ethnopharmacological properties of <i>Ageratum conyzoides</i> L. <i>Phytotherapy Research</i> , 2019, 33, 2163-2178.	5.8	29
16	Genetic Manipulation of Secondary Metabolites Producers. , 2019, , 13-29.		31
17	Bacterial community composition in lakes. , 2019, , 1-71.		4
18	Strengthening of columnar hexagonal phase of a room temperature discotic liquid crystalline material by using ferroelectric barium titanate nanoparticles. <i>Journal of Molecular Liquids</i> , 2019, 294, 111609.	4.9	22

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19	Emerging Trends in Advanced Nanomaterials Based Electrochemical Genosensors. Current Pharmaceutical Design, 2019, 24, 3697-3709.	1.9	5
20	Occurrence, synthesis, toxicity and detection methods for acrylamide determination in processed foods with special reference to biosensors: A review. Trends in Food Science and Technology, 2019, 85, 211-225.	15.1	81
21	Metabolic Engineering to Synthetic Biology of Secondary Metabolites Production. , 2019, , 279-320.		46
22	Bioengineering of Secondary Metabolites. , 2019, , 55-68.		28
23	Electrochemical sensor method for food quality evaluation. , 2019, , 793-815.		5
24	Quorum sensing pathways in Gram-positive and -negative bacteria: potential of their interruption in abating drug resistance. Journal of Chemotherapy, 2019, 31, 161-187.	1.5	39
25	Agriculturally and Industrially Important Fungi: Current Developments and Potential Biotechnological Applications. Fungal Biology, 2019, , 1-64.	0.6	126
26	Endophytic Fungi: Biodiversity, Ecological Significance, and Potential Industrial Applications. Fungal Biology, 2019, , 1-62.	0.6	46
27	Trichoderma: Biodiversity, Ecological Significances, and Industrial Applications. Fungal Biology, 2019, , 85-120.	0.6	58
28	Enhancement in mineral bioavailability of extruded pulses with reduced antinutrients. British Food Journal, 2019, 121, 2967-2978.	2.9	14
29	Environment friendly qualitatively responsive ethyl cellulose films as smart food packaging. Materials Express, 2019, 9, 792-800.	0.5	4
30	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. Physical Review E, 2019, 100, 052704.	2.1	3
31	Efficient Reconstitution of Hepatic Microvasculature by Endothelin Receptor Antagonism in Liver Sinusoidal Endothelial Cells. Human Gene Therapy, 2019, 30, 365-377.	2.7	10
32	Gene Manipulation and Regulation of Catabolic Genes for Biodegradation of Biphenyl Compounds. , 2019, , 1-23.		11
33	Disruption of Protease Genes in Microbes for Production of Heterologous Proteins. , 2019, , 35-75.		4
34	Fungal Phytoremediation of Heavy Metal-Contaminated Resources: Current Scenario and Future Prospects. Fungal Biology, 2019, , 437-461.	0.6	50
35	Genetic Diversity of Methylophilic Yeast and Their Impact on Environments. Fungal Biology, 2019, , 53-71.	0.6	24
36	Drought-Tolerant Phosphorus-Solubilizing Microbes: Biodiversity and Biotechnological Applications for Alleviation of Drought Stress in Plants. Microorganisms for Sustainability, 2019, , 255-308.	0.7	76

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37	Prevalence and risk factors of anemia and zinc deficiency among 4-6-year-old children of Allahabad District, Uttar Pradesh. <i>Indian Journal of Public Health</i> , 2019, 63, 79.	0.6	7
38	Chloroplast Proteins and Virus Interplay: A Pathfinder to Crop Improvement. , 2019, , 631-665.		1
39	Effect of thermal and non-thermal processing on antioxidant potential of cowpea seeds. <i>International Journal of Food Properties</i> , 2018, 21, 437-451.	3.0	26
40	Preparation, characterization and application of haemoglobin nanoparticles for detection of acrylamide in processed foods. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 1000-1013.	7.5	31
41	Preparation, Characterization, and Application of Enzyme Nanoparticles. <i>Methods in Enzymology</i> , 2018, 609, 171-196.	1.0	6
42	Effects of manganese (II) titanium oxide nano particles on the physical properties of a room temperature nematic liquid crystal 4-(trans-4-n-hexylcyclohexyl) isothiocyanatobenzene. <i>Journal of Molecular Liquids</i> , 2018, 268, 223-228.	4.9	14
43	Sulphur management in groundnut for higher productivity and profitability under Semi-Arid condition of Rajasthan, India. <i>Legume Research</i> , 2018, , .	0.1	2
44	Chiral smectic- A and smectic- C phases with de Vries characteristics. <i>Physical Review E</i> , 2017, 95, 062704.	2.1	16
45	An amperometric H ₂ O ₂ biosensor based on hemoglobin nanoparticles immobilized on to a gold electrode. <i>Bioscience Reports</i> , 2017, 37, .	2.4	24
46	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
47	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
48	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
49	Effect of thermal processing on anti nutritional factors and in vitro bioavailability of minerals in desi and kabuli cultivars of chick pea grown in North India.. <i>Legume Research</i> , 2017, , .	0.1	6
50	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
51	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
52	Incorporation of liquid crystalline triphenylene derivative in bulk heterojunction solar cell with molybdenum oxide as buffer layer for improved efficiency. <i>Liquid Crystals</i> , 2016, 43, 928-936.	2.2	25
53	Plant Virus Detection and Diagnosis: Progress and Challenges. , 2016, , 97-132.		8
54	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

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55	99mTc labeled macrocyclic aza-oxa and aza-thia probes: synthesis, characterization and in vitro & in vivo biological studies. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2015, 83, 299-307.	1.6	0
56	Cadmium selenide quantum dots for the amelioration of the properties of a room temperature discotic liquid crystalline material. RSC Advances, 2015, 5, 78823-78832.	3.6	33
57	Plant Glycomics: Advances and Applications. , 2015, , 299-329.		4
58	Plant Secretomics: Unique Initiatives. , 2015, , 357-384.		2
59	Effect of alumina nanoparticles on dielectric permittivity, electrical conductivity, director relaxation frequency, threshold and switching voltages of a nematic liquid crystalline material. Liquid Crystals, 2014, 41, 1803-1810.	2.2	43
60	Synthesis, docking and preliminary in vivo evaluation of serotonin dithiocarbamate as novel SPECT neuroimaging agent. MedChemComm, 2013, 4, 1006.	3.4	9
61	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
62	Synthesis and characterization of thiosemicarbazone derivatives of methylbismuth(III) dichloride: generation of one dimensional micro-rods of bismuthinite from [MeBiCl ₂ ·n{(C ₆ H ₄ OH)CHNNHCSNH ₂ }] by a solvothermal process. Main Group Metal Chemistry, 2011, 34, .	1.6	0
63	New sol-gel precursors for binary oxides of antimony, Sb ₂ O ₃ (senarmonite) and Sb ₂ O ₄ : synthesis and characterization of some ketoximate modified antimony(III) alkoxides. Journal of Sol-Gel Science and Technology, 2010, 54, 119-128.	2.4	16
64	Monoorganobismuth(III) dithiocarboxylates: Synthesis, structures and their utility as molecular precursors for the preparation of Bi ₂ S ₃ films and nanocrystals. Inorganica Chimica Acta, 2010, 363, 375-380.	2.4	15
65	Therapeutic efficacy of Picroliv in chronic cadmium toxicity. Food and Chemical Toxicology, 2009, 47, 871-879.	3.6	15
66	The therapeutic effect of bone marrow-derived liver cells in the phenotypic correction of murine hemophilia A. Blood, 2009, 114, 4552-4561.	1.4	41
67	Effect of Picroliv on cadmium induced testicular damage in rat. Food and Chemical Toxicology, 2008, 46, 494-501.	3.6	30
68	Cloning of Salinity Tolerant Gene from a Soil-Borne Bacterium and its Characterization. Journal of Plant Biochemistry and Biotechnology, 2007, 16, 101-107.	1.7	0
69	Bulk heterojunction solar cells based on self-assembling disc-shaped liquid crystalline material. Liquid Crystals, 0, , 1-9.	2.2	8
70	Bulk heterojunction solar cells made from carbazole copolymer and fullerene derivative with an inserted layer of discotic material with improved efficiency. Liquid Crystals, 0, , 1-8.	2.2	4
71	Unclasping potential chickpea resources for the antioxidant enzyme Superoxide Dismutase. JSFA Reports, 0, , .	0.8	3