

Iffat Zareen Ahmad

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,078
citations

759190

12
h-index

580810

25
g-index

41
all docs

41
docs citations

41
times ranked

1527
citing authors

#	ARTICLE	IF	CITATIONS
1	The usage of Cyanobacteria in wastewater treatment: prospects and limitations. Letters in Applied Microbiology, 2022, 75, 718-730.	2.2	7
2	Metagenomic analysis decodes the fungal diversity of bio-dynamic preparations. Journal of Environmental Biology, 2022, 43, 115-122.	0.5	0
3	Medicinal and aromatic plants as an emerging source of bioherbicides. Current Science, 2022, 122, 258.	0.8	9
4	Solid Lipid Nanoparticles of Lepidium Sativum L Seed Extract: Formulation, Optimization and In vitro Cytotoxicity Studies. Drug Research, 2022, 72, 284-293.	1.7	1
5	Computational identification of bioactive compounds from Cydonia oblonga Mill. against hepatocellular carcinoma by targeting pTEN and HBx-interacting protein. Journal of Molecular Modeling, 2022, 28, .	1.8	0
6	Bioprospecting of microbial isolates from biodynamic preparations for PGPR and biocontrol properties. Journal of Environmental Biology, 2021, 42, 644-651.	0.5	7
7	A Panoramic Review on Lepidium sativum L. Bioactives as Prospective Therapeutics. Drug Research, 2021, 71, 233-242.	1.7	5
8	Applications of metallic nanomaterials for the treatment of water. Letters in Applied Microbiology, 2021, , .	2.2	3
9	Cyanobacterial peptides with respect to anticancer activity: Structural and functional perspective. Studies in Natural Products Chemistry, 2020, , 345-388.	1.8	2
10	Class III peroxidase: an indispensable enzyme for biotic/abiotic stress tolerance and a potent candidate for crop improvement. Plant Cell Reports, 2020, 39, 1381-1393.	5.6	68
11	A cosmeceutical perspective of engineered nanoparticles. , 2020, , 191-223.		6
12	Molecular Docking and Dynamics Simulation Analysis of Thymoquinone and Thymol Compounds from Nigella sativa L. that Inhibit Cag A and Vac A Oncoprotein of Helicobacter pylori: Probable Treatment of H. pylori Infections. Medicinal Chemistry, 2020, 17, 146-157.	1.5	3
13	Role of Sugars in Abiotic Stress Signaling in Plants. , 2019, , 207-217.		5
14	Oryza sativa class III peroxidase (OsPRX38) overexpression in Arabidopsis thaliana reduces arsenic accumulation due to apoplastic lignification. Journal of Hazardous Materials, 2019, 362, 383-393.	12.4	88
15	Applications of Nanoparticles in the Treatment of Wastewater. , 2019, , 275-299.		1
16	Approaches Towards Microbial Biofilm Disruption by Natural Bioactive Agents. , 2019, , 233-261.		2
17	Evaluation of the anticancer activity of sprout extract-loaded nanoemulsion of <i>N. sativa</i> against hepatocellular carcinoma. Journal of Microencapsulation, 2018, 35, 643-656.	2.8	8
18	Food Enzymes in Pharmaceutical Industry: Perspectives and Limitations. , 2018, , 41-62.		0

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19	<i>Nigella sativa</i> L. and Its Bioactive Constituents as Hepatoprotectant: A Review. <i>Current Pharmaceutical Biotechnology</i> , 2018, 19, 43-67.	1.6	21
20	Advancements in Applications of Surface Modified Nanomaterials for Cancer Theranostics. <i>Current Drug Metabolism</i> , 2018, 18, 983-999.	1.2	7
21	Alterations in the antibacterial potential of <i>Synechococcus</i> spp. PCC7942 under the influence of UV-B radiations on skin pathogens. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 1657-1662.	3.8	8
22	Algal bioactive compounds in the cosmeceutical industry: a review. <i>Phycologia</i> , 2017, 56, 410-422.	1.4	46
23	Effects of Different Metal Stresses on the Antioxidant Defense Systems of Medicinal Plants. , 2017, , 215-256.		3
24	Applications of Nanoparticles in the Treatment of Wastewater. , 2017, , 1-25.		4
25	Evaluation of the nutrient profile of <i>Trachyspermum ammi</i> L. seed under the influence of nanoparticles during germination. <i>Cellular and Molecular Biology</i> , 2017, 63, 7.	0.9	0
26	Ectopic overexpression of <i>WsSGTL1</i> , a sterol glucosyltransferase gene in <i>Withania somnifera</i> , promotes growth, enhances glycowithanolate and provides tolerance to abiotic and biotic stresses. <i>Plant Cell Reports</i> , 2016, 35, 195-211.	5.6	47
27	THE MEDICINAL SIGNIFICANCE OF THE BIOACTIVE COMPOUNDS OF <i>TRIGONELLA FOENUM-GRÆCUM</i> : A REVIEW. <i>International Journal of Research in Ayurveda and Pharmacy</i> , 2016, 7, 84-91.	0.1	18
28	Evaluation of Antioxidant and Antibacterial Potentials of <i>Nigella sativa</i> L. Suspension Cultures under Elicitation. <i>BioMed Research International</i> , 2015, 2015, 1-13.	1.9	12
29	Neuroprotective effects of <i>Nigella sativa</i> extracts during germination on central nervous system. <i>Pharmacognosy Magazine</i> , 2015, 11, 182.	0.6	14
30	RNAi-mediated gene silencing of <i>WsSGTL1</i> in <i>W.somnifera</i> affects growth and glycosylation pattern. <i>Plant Signaling and Behavior</i> , 2015, 10, e1078064.	2.4	15
31	Enhancement in anti-inflammatory and analgesic activities of <i>Nigella sativa</i> seed during germination. <i>Pharmacognosy Journal</i> , 2014, 5, 1-1.	0.8	0
32	Comparative analysis of DNA polymorphisms and phylogenetic relationships among <i>Syzygium cumini</i> Skeels based on phenotypic characters and RAPD technique. <i>Bioinformation</i> , 2014, 10, 201-208.	0.5	1
33	Isolation of novel chitinolytic bacteria and production optimization of extracellular chitinase. <i>Journal of Genetic Engineering and Biotechnology</i> , 2013, 11, 39-46.	3.3	176
34	Alterations in Antioxidative Defense System of <i>Anabaena Variabilis</i> in the Presence of Heavy Metals. <i>APCBEE Procedia</i> , 2013, 5, 491-496.	0.5	6
35	Current approaches toward production of secondary plant metabolites. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2012, 4, 10.	0.6	450
36	Cold-active extracellular α -amylase production from novel bacteria <i>Microbacterium foliorum</i> GA2 and <i>Bacillus cereus</i> GA6 isolated from Gangotri glacier, Western Himalaya. <i>Journal of Genetic Engineering and Biotechnology</i> , 2012, 10, 151-159.	3.3	31

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37	Study of Different Stages of Somatic Embryogenesis in a Medicinal Plant, Madar (<i>Calotropis procera</i>). Journal of Botany (Faisalabad), 2011, 6, 1-10.	0.8	3
38	New oleanane triterpene from the seeds of <i>Nigella sativa</i> Linn.. Medicinal Plants - International Journal of Phytomedicines and Related Industries, 2010, 2, 245.	0.2	0
39	Isolation Of PS II Nanoparticles And Oxygen Evolution Studies In <i>Synechococcus</i> Spp. PCC 7942 Under Heavy Metal Stress. , 2009, , .		1