

Ghazala Mustafa

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

885
citations

13
h-index

29
g-index

30
ext. papers

1,123
ext. citations

4.2
avg. IF

4.86
L-index

#	Paper	IF	Citations
30	Plant Responses to Nanoparticle Stress. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 26644-53	6.3	158
29	Toxicity of heavy metals and metal-containing nanoparticles on plants. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016 , 1864, 932-44	4	116
28	Insights into the proteomic response of soybean towards Al ₂ O ₃ and Ag nanoparticles stress. <i>Journal of Hazardous Materials</i> , 2016 , 304, 291-305	12.8	97
27	Proteomic study on the effects of silver nanoparticles on soybean under flooding stress. <i>Journal of Proteomics</i> , 2015 , 122, 100-18	3.9	76
26	Proteomic analysis of flooded soybean root exposed to aluminum oxide nanoparticles. <i>Journal of Proteomics</i> , 2015 , 128, 280-97	3.9	65
25	Ethnobotanical appraisal and medicinal use of plants in Patriata, New Murree, evidence from Pakistan. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2013 , 9, 13	3.9	62
24	Quantitative proteomics reveals the effect of protein glycosylation in soybean root under flooding stress. <i>Frontiers in Plant Science</i> , 2014 , 5, 627	6.2	50
23	Proteomic analysis of canola root inoculated with bacteria under salt stress. <i>Journal of Proteomics</i> , 2015 , 124, 88-111	3.9	41
22	Insights into the Response of Soybean Mitochondrial Proteins to Various Sizes of Aluminum Oxide Nanoparticles under Flooding Stress. <i>Journal of Proteome Research</i> , 2016 , 15, 4464-4475	5.6	39
21	Bioinspired synthesis of zinc oxide nano-flowers: A surface enhanced antibacterial and harvesting efficiency. <i>Materials Science and Engineering C</i> , 2021 , 119, 111280	8.3	35
20	Proteomic analysis of soybean root exposed to varying sizes of silver nanoparticles under flooding stress. <i>Journal of Proteomics</i> , 2016 , 148, 113-25	3.9	34
19	Quantitative proteomic analysis of post-flooding recovery in soybean root exposed to aluminum oxide nanoparticles. <i>Journal of Proteomics</i> , 2016 , 143, 136-150	3.9	26
18	Comparative Analysis of the Effect of Inorganic and Organic Chemicals with Silver Nanoparticles on Soybean under Flooding Stress. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	17
17	A comparative proteomic analysis of engineered and bio synthesized silver nanoparticles on soybean seedlings. <i>Journal of Proteomics</i> , 2020 , 224, 103833	3.9	11
16	Quantitative proteomic analysis of HeLa cells in response to biocompatible FeC@C nanoparticles: O/O-labelling & HPLC-ESI-orbit-trap profiling approach. <i>Toxicology Research</i> , 2018 , 7, 84-92	2.6	11
15	Phytotoxic Evaluation of Phytosynthesized Silver Nanoparticles on Lettuce. <i>Coatings</i> , 2021 , 11, 225	2.9	10
14	Physiological and anti-oxidative response of biologically and chemically synthesized iron oxide: <i>Heliyon</i> , 2020 , 6, e04595	3.6	8

13	Plant proteomic research for improvement of food crops under stresses: a review. <i>Molecular Omics</i> , 2021 , 17, 860-880	4.4	7
12	Multiplexing surface anchored functionalized iron carbide nanoparticle: A low molecular weight proteome responsive nano-tracer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 203, 111746	6	4
11	Ecological assessment and indicator species analyses of the Cholistan desert using multivariate statistical tools. <i>Pakistan Journal of Botany</i> , 2022 , 54,	2	4
10	Anti-diabetic potential, crystal structure, molecular docking, DFT, and optical-electrochemical studies of new dimethyl and diethyl carbamoyl-N, N?-disubstituted based thioureas. <i>Journal of Molecular Structure</i> , 2022 , 1253, 132207	3.4	3
9	Nanoparticles Mediated Soybean Response Mechanism at Morphological, Physiological, and Proteomic Level. <i>Current Proteomics</i> , 2017 , 14, 3-12	0.7	3
8	AN EVALUATION OF CONSERVATION STATUS AND ECOLOGICAL ZONATION OF ALNUS NITIDA; A MONOPHYLETIC SPECIES OF THE SINO-JAPANESE REGION. <i>Journal of Animal and Plant Sciences</i> , 2020 , 30,	1.3	3
7	Bio-Fabricated Silver Nanoparticles: A Sustainable Approach for Augmentation of Plant Growth and Pathogen Control. <i>Sustainable Agriculture Reviews</i> , 2021 , 345-371	1.3	2
6	Impact of Traditional Plants and their Secondary Metabolites in the Discovery of COVID-19 Treatment. <i>Current Pharmaceutical Design</i> , 2021 , 27, 1123-1143	3.3	2
5	Quantifying Serum Derived Differential Expressed and Low Molecular Weight Protein in Breast Cancer Patients. <i>Protein and Peptide Letters</i> , 2020 , 27, 658-673	1.9	1
4	Use Chou@ 5-steps rule to identify protein post-translational modification and its linkage to secondary metabolism during the floral development of <i>Lonicera japonica</i> Thunb. <i>Plant Physiology and Biochemistry</i> , 2021 , 167, 1035-1048	5.4	0
3	Proteomics and metabolomics reveal the mechanism underlying differential antioxidant activity among the organs of two base plants of Shiliang tea (<i>Chimonanthus salicifolius</i> and <i>Chimonanthus zhejiangensis</i>).. <i>Food Chemistry</i> , 2022 , 385, 132698	8.5	0
2	Nano-Proteomics of Stress Tolerance in Crop Plants. <i>Sustainable Agriculture Reviews</i> , 2021 , 373-397	1.3	
1	Ethnobotany and Sustainable Utilization of Plants in the Potohar Plateau, Pakistan 2022 , 911-929		