# Ghazala Mustafa

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7701240/publications.pdf

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|---|---|---|---|
| 30 papers | 1,375 citations | 430754 18 h-index | 477173 29 g-index |
| 30 all docs | 30 docs citations | 30 times ranked | 1497 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Plant Responses to Nanoparticle Stress. International Journal of Molecular Sciences, 2015, 16, 26644-26653. | 1.8 | 204 |
| 2 | Toxicity of heavy metals and metal-containing nanoparticles on plants. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2016, 1864, 932-944. | 1.1 | 169 |
| 3 | Insights into the proteomic response of soybean towards Al 2 O 3 , ZnO, and Ag nanoparticles stress. Journal of Hazardous Materials, 2016, 304, 291-305. | 6.5 | 137 |
| 4 | Proteomic study on the effects of silver nanoparticles on soybean under flooding stress. Journal of Proteomics, 2015, 122, 100-118. | 1.2 | 105 |
| 5 | Proteomic analysis of flooded soybean root exposed to aluminum oxide nanoparticles. Journal of Proteomics, 2015, 128, 280-297. | 1.2 | 84 |
| 6 | Ethnobotanical appraisal and medicinal use of plants in Patriata, New Murree, evidence from Pakistan. Journal of Ethnobiology and Ethnomedicine, 2013, 9, 13. | 1.1 | 75 |
| 7 | Bioinspired synthesis of zinc oxide nano-flowers: A surface enhanced antibacterial and harvesting efficiency. Materials Science and Engineering C, 2021, 119, 111280. | 3.8 | 75 |
| 8 | Insights into the Response of Soybean Mitochondrial Proteins to Various Sizes of Aluminum Oxide Nanoparticles under Flooding Stress. Journal of Proteome Research, 2016, 15, 4464-4475. | 1.8 | 61 |
| 9 | Quantitative proteomics reveals the effect of protein glycosylation in soybean root under flooding stress. Frontiers in Plant Science, 2014, 5, 627. | 1.7 | 59 |
| 10 | Proteomic analysis of canola root inoculated with bacteria under salt stress. Journal of Proteomics, 2015, 124, 88-111. | 1.2 | 47 |
| 11 | Proteomic analysis of soybean root exposed to varying sizes of silver nanoparticles under flooding stress. Journal of Proteomics, 2016, 148, 113-125. | 1.2 | 43 |
| 12 | Comparative Analysis of the Effect of Inorganic and Organic Chemicals with Silver Nanoparticles on Soybean under Flooding Stress. International Journal of Molecular Sciences, 2020, 21, 1300. | 1.8 | 43 |
| 13 | Phytotoxic Evaluation of Phytosynthesized Silver Nanoparticles on Lettuce. Coatings, 2021, 11, 225. | 1.2 | 33 |
| 14 | Quantitative proteomic analysis of post-flooding recovery in soybean root exposed to aluminum oxide nanoparticles. Journal of Proteomics, 2016, 143, 136-150. | 1.2 | 32 |
| 15 | Bio-Fabricated Silver Nanoparticles: A Sustainable Approach for Augmentation of Plant Growth and Pathogen Control. Sustainable Agriculture Reviews, 2021, , 345-371. | 0.6 | 29 |
| 16 | Physiological and anti-oxidative response of biologically and chemically synthesized iron oxide: Zea mays a case study. Heliyon, 2020, 6, e04595. | 1.4 | 28 |
| 17 | A comparative proteomic analysis of engineered and bio synthesized silver nanoparticles on soybean seedlings. Journal of Proteomics, 2020, 224, 103833. | 1.2 | 27 |
| 18 | Quantitative proteomic analysis of HeLa cells in response to biocompatible Fe<sub>2</sub>C@C nanoparticles: <sup>16</sup>O/<sup>18</sup>O-labelling & HPLC-ESI-orbit-trap profiling approach. Toxicology Research, 2018, 7, 84-92. | 0.9 | 20 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Plant proteomic research for improvement of food crops under stresses: a review. Molecular Omics, 2021, 17, 860-880. | 1.4 | 19 |
| 20 | Multiplexing surface anchored functionalized iron carbide nanoparticle: A low molecular weight proteome responsive nano-tracer. Colloids and Surfaces B: Biointerfaces, 2021, 203, 111746. | 2.5 | 16 |
| 21 | Ecological assessment and indicator species analyses of the Cholistan desert using multivariate statistical tools. Pakistan Journal of Botany, 2022, 54, . | 0.2 | 12 |
| 22 | Quantifying Serum Derived Differential Expressed and Low Molecular Weight Protein in Breast Cancer Patients. Protein and Peptide Letters, 2020, 27, 658-673. | 0.4 | 11 |
| 23 | Anti-diabetic potential, crystal structure, molecular docking, DFT, and optical-electrochemical studies of new dimethyl and diethyl carbamoyl-N, Nâ€²-disubstituted based thioureas. Journal of Molecular Structure, 2022, 1253, 132207. | 1.8 | 11 |
| 24 | Proteomics and metabolomics reveal the mechanism underlying differential antioxidant activity among the organs of two base plants of Shiliang tea (Chimonanthus salicifolius and Chimonanthus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | | 10 |
| 25 | Impact of Traditional Plants and their Secondary Metabolites in the Discovery of COVID-19 Treatment. Current Pharmaceutical Design, 2021, 27, 1123-1143. | 0.9 | 9 |
| 26 | Nanoparticles Mediated Soybean Response Mechanism at Morphological, Physiological, and Proteomic Level. Current Proteomics, 2017, 14, 3-12. | 0.1 | 5 |
| 27 | AN EVALUATION OF CONSERVATION STATUS AND ECOLOGICAL ZONATION OF ALNUS NITIDA; A MONOPHYLETIC SPECIES OF THE SINO-JAPANESE REGION. Journal of Animal and Plant Sciences, 2020, 30, . | 0.7 | 5 |
| 28 | Use Chou's 5-steps rule to identify protein post-translational modification and its linkage to secondary metabolism during the floral development of Lonicera japonica Thunb. Plant Physiology and Biochemistry, 2021, 167, 1035-1048. | 2.8 | 4 |
| 29 | Nano-Proteomics of Stress Tolerance in Crop Plants. Sustainable Agriculture Reviews, 2021, , 373-397. | 0.6 | 2 |
| 30 | Ethnobotany and Sustainable Utilization of Plants in the Potohar Plateau, Pakistan. , 2022, , 911-929. | | 0 |