

Faisal Zulfiqar

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

3,209
citations

361296

20
h-index

345118

36
g-index

38
all docs

38
docs citations

38
times ranked

2504
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive Oxygen Species and Antioxidant Defense in Plants under Abiotic Stress: Revisiting the Crucial Role of a Universal Defense Regulator. <i>Antioxidants</i> , 2020, 9, 681.	2.2	1,288
2	Nanofertilizer use for sustainable agriculture: Advantages and limitations. <i>Plant Science</i> , 2019, 289, 110270.	1.7	405
3	Regulation of ROS Metabolism in Plants under Environmental Stress: A Review of Recent Experimental Evidence. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8695.	1.8	202
4	Osmoprotection in plants under abiotic stresses: new insights into a classical phenomenon. <i>Planta</i> , 2020, 251, 3.	1.6	174
5	An overview of plant-based natural biostimulants for sustainable horticulture with a particular focus on moringa leaf extracts. <i>Plant Science</i> , 2020, 295, 110194.	1.7	139
6	Nanoparticles potentially mediate salt stress tolerance in plants. <i>Plant Physiology and Biochemistry</i> , 2021, 160, 257-268.	2.8	124
7	Bioregulators: unlocking their potential role in regulation of the plant oxidative defense system. <i>Plant Molecular Biology</i> , 2021, 105, 11-41.	2.0	78
8	Ameliorating effects of biochar on photosynthetic efficiency and antioxidant defence of <i>Phragmites karka</i> under drought stress. <i>Plant Biology</i> , 2020, 22, 259-266.	1.8	73
9	Effect of seed priming on horticultural crops. <i>Scientia Horticulturae</i> , 2021, 286, 110197.	1.7	59
10	Sustainable use of resources in plant factories with artificial lighting (PFALs). <i>European Journal of Horticultural Science</i> , 2020, 85, 297-309.	0.3	58
11	Screening of Wheat (<i>Triticum aestivum</i> L.) Genotypes for Drought Tolerance through Agronomic and Physiological Response. <i>Agronomy</i> , 2022, 12, 287.	1.3	54
12	Antioxidants as modulators of arsenic-induced oxidative stress tolerance in plants: An overview. <i>Journal of Hazardous Materials</i> , 2022, 427, 127891.	6.5	53
13	Application of Trehalose and Salicylic Acid Mitigates Drought Stress in Sweet Basil and Improves Plant Growth. <i>Plants</i> , 2021, 10, 1078.	1.6	50
14	Molecular Markers Improve Abiotic Stress Tolerance in Crops: A Review. <i>Plants</i> , 2020, 9, 1374.	1.6	48
15	Hydrogen sulfide in horticulture: Emerging roles in the era of climate change. <i>Plant Physiology and Biochemistry</i> , 2020, 155, 667-675.	2.8	39
16	Challenges in organic component selection and biochar as an opportunity in potting substrates: a review. <i>Journal of Plant Nutrition</i> , 2019, 42, 1386-1401.	0.9	30
17	Role of Glycine Betaine in the Thermotolerance of Plants. <i>Agronomy</i> , 2022, 12, 276.	1.3	30
18	Selenium Supplementation and Crop Plant Tolerance to Metal/Metalloid Toxicity. <i>Frontiers in Plant Science</i> , 2021, 12, 792770.	1.7	27

#	ARTICLE	IF	CITATIONS
19	Potato tuber yield and quality in response to different nitrogen fertilizer application rates under two split doses in an irrigated sandy loam soil. <i>Journal of Plant Nutrition</i> , 2019, 42, 1850-1860.	0.9	25
20	Molecular hydrogen in agriculture. <i>Planta</i> , 2021, 254, 56.	1.6	24
21	Biochar or Biochar-Compost Amendment to a Peat-Based Substrate Improves Growth of <i>Syngonium podophyllum</i> . <i>Agronomy</i> , 2019, 9, 460.	1.3	22
22	Hydrogenases and the Role of Molecular Hydrogen in Plants. <i>Plants</i> , 2020, 9, 1136.	1.6	22
23	Comparison of Soaking Corms with Moringa Leaf Extract Alone or in Combination with Synthetic Plant Growth Regulators on the Growth, Physiology and Vase Life of Sword Lily. <i>Plants</i> , 2020, 9, 1590.	1.6	21
24	Scrutinizing the Application of Saline Endophyte to Enhance Salt Tolerance in Rice and Maize Plants. <i>Frontiers in Plant Science</i> , 2021, 12, 770084.	1.7	21
25	Morpho-anatomical adaptations of two <i>Tagetes erecta</i> L. cultivars with contrasting response to drought stress. <i>Pakistan Journal of Botany</i> , 2020, 52, .	0.2	19
26	Biochar, Compost, and Biochar-Compost Blend Applications Modulate Growth, Photosynthesis, Osmolytes, and Antioxidant System of Medicinal Plant <i>Alpinia zerumbet</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 707061.	1.7	18
27	IMPROVED CUT FLOWER AND CORM PRODUCTION BY EXOGENOUS MORINGA LEAF EXTRACT APPLICATION ON <i>GLADIOLUS</i> CULTIVARS. <i>Acta Scientiarum Polonorum, Hortorum Cultus</i> , 2018, 17, 25-38.	0.3	18
28	<i>Phragmites karka</i> plants adopt different strategies to regulate photosynthesis and ion flux in saline and water deficit conditions. <i>Plant Biosystems</i> , 2021, 155, 524-534.	0.8	15
29	Nanotechnology: a novel and sustainable approach towards heavy metal stress alleviation in plants. <i>Nanotechnology for Environmental Engineering</i> , 2023, 8, 27-40.	2.0	13
30	Biomass Production and Predicted Ethanol Yield Are Linked with Optimum Photosynthesis in <i>Phragmites karka</i> under Salinity and Drought Conditions. <i>Plants</i> , 2022, 11, 1657.	1.6	12
31	Effect of Zero and Minimum Tillage on Cotton Productivity and Soil Characteristics under Different Nitrogen Application Rates. <i>Sustainability</i> , 2021, 13, 13753.	1.6	11
32	Bioregulators Can Improve Biomass Production, Photosynthetic Efficiency, and Ornamental Quality of <i>Gazania rigens</i> L.. <i>Agronomy</i> , 2019, 9, 773.	1.3	10
33	Pre-harvest potassium foliar application improves yield, vase life and overall postharvest quality of cut <i>gladiolus</i> inflorescences. <i>Postharvest Biology and Technology</i> , 2022, 192, 112027.	2.9	9
34	Screening of marigold (<i>Tagetes erecta</i> L.) cultivars for drought stress based on vegetative and physiological characteristics. <i>International Journal of Food and Allied Sciences</i> , 2018, 3, 56.	0.4	8
35	Foliar Application of Trehalose or 5-Aminolevulinic Acid Improves Photosynthesis and Biomass Production in Drought Stressed <i>Alpinia zerumbet</i> . <i>Agriculture (Switzerland)</i> , 2021, 11, 908.	1.4	5
36	Effects of Biochar and Biochar-Compost Mix on Growth, Performance and Physiological Responses of Potted <i>Alpinia zerumbet</i> . <i>Sustainability</i> , 2021, 13, 11226.	1.6	4

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37	Adverse effects of silver nanoparticles on crop plants and beneficial microbes. , 2021, , 301-316.		1
38	Physiological Aspects of Germination and Early Seedling Establishment of <i>Pleurotus sajor-caju</i> Glyceraldehyde-3-Phosphate Dehydrogenase Expressing Transgenic Rice in Saline Environment. <i>Frontiers in Plant Science</i> , 2021, 12, 767826.	1.7	0