

Muhammad Iqbal

List of Publications by Year in descending order

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125
papers

4,896
citations

101543

36
h-index

110387

64
g-index

130
all docs

130
docs citations

130
times ranked

4932
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular Mechanisms in Higher Plants Governing Tolerance to Cadmium Toxicity. <i>Critical Reviews in Plant Sciences</i> , 2014, 33, 374-391.	5.7	279
2	Lipids and proteinsâ€™ major targets of oxidative modifications in abiotic stressed plants. <i>Environmental Science and Pollution Research</i> , 2015, 22, 4099-4121.	5.3	252
3	Phytoremediation of Heavy Metals: Physiological and Molecular Mechanisms. <i>Botanical Review</i> , The, 2009, 75, 339-364.	3.9	235
4	Gibberellic acid mediated induction of salt tolerance in wheat plants: Growth, ionic partitioning, photosynthesis, yield and hormonal homeostasis. <i>Environmental and Experimental Botany</i> , 2013, 86, 76-85.	4.2	229
5	Advances in microbe-assisted reclamation of heavy metal contaminated soils over the last decade: A review. <i>Journal of Environmental Management</i> , 2017, 198, 132-143.	7.8	178
6	Effect of Silver Nanoparticles on Growth of Wheat Under Heat Stress. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2019, 43, 387-395.	1.5	144
7	Nanoscale copper in the soilâ€™plant system â€™ toxicity and underlying potential mechanisms. <i>Environmental Research</i> , 2015, 138, 306-325.	7.5	124
8	Glutathione and proline can coordinately make plants withstand the joint attack of metal(loid) and salinity stresses. <i>Frontiers in Plant Science</i> , 2014, 5, 662.	3.6	111
9	Seed Treatment with Auxins Modulates Growth and Ion Partitioning in Salt-stressed Wheat Plants. <i>Journal of Integrative Plant Biology</i> , 2007, 49, 1003-1015.	8.5	109
10	Does Seed Priming Induce Changes in the Levels of Some Endogenous Plant Hormones in Hexaploid Wheat Plants Under Salt Stress?. <i>Journal of Integrative Plant Biology</i> , 2006, 48, 181-189.	8.5	108
11	Seed enhancement with cytokinins: changes in growth and grain yield in salt stressed wheat plants. <i>Plant Growth Regulation</i> , 2006, 50, 29-39.	3.4	107
12	Exogenously applied selenium reduces oxidative stress and induces heat tolerance in spring wheat. <i>Plant Physiology and Biochemistry</i> , 2015, 94, 95-103.	5.8	107
13	Induction of phytochelatins and antioxidant defence system in <i>Brassica juncea</i> and <i>Vigna radiata</i> in response to chromium treatments. <i>Plant Growth Regulation</i> , 2010, 61, 97-107.	3.4	102
14	Jute: A Potential Candidate for Phytoremediation of Metalsâ€™ A Review. <i>Plants</i> , 2020, 9, 258.	3.5	102
15	Glycinebetaine mediates chromium tolerance in mung bean through lowering of Cr uptake and improved antioxidant system. <i>Archives of Agronomy and Soil Science</i> , 2016, 62, 648-662.	2.6	97
16	Phenological application of selenium differentially improves growth, oxidative defense and ion homeostasis in maize under salinity stress. <i>Plant Physiology and Biochemistry</i> , 2018, 123, 268-280.	5.8	94
17	Mannitol alleviates chromium toxicity in wheat plants in relation to growth, yield, stimulation of anti-oxidative enzymes, oxidative stress and Cr uptake in sand and soil media. <i>Ecotoxicology and Environmental Safety</i> , 2015, 122, 1-8.	6.0	92
18	Ethnobotany of the Balti community, Tormik valley, Karakorum range, Baltistan, Pakistan. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2016, 12, 38.	2.6	89

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19	Metabolite Profiling of Low-P Tolerant and Low-P Sensitive Maize Genotypes under Phosphorus Starvation and Restoration Conditions. <i>PLoS ONE</i> , 2015, 10, e0129520.	2.5	86
20	Opportunities and challenges in the use of mineral nutrition for minimizing arsenic toxicity and accumulation in rice: A critical review. <i>Chemosphere</i> , 2018, 194, 171-188.	8.2	82
21	Growth, water status, and leaf characteristics of <i>Brassica carinata</i> under drought and rehydration conditions. <i>Revista Brasileira De Botanica</i> , 2014, 37, 217-227.	1.3	73
22	Organic chelants-mediated enhanced lead (Pb) uptake and accumulation is associated with higher activity of enzymatic antioxidants in spinach (<i>Spinacea oleracea</i> L.). <i>Journal of Hazardous Materials</i> , 2016, 317, 352-361.	12.4	66
23	Exogenous application of silicon at the boot stage decreases accumulation of cadmium in wheat (<i>Triticum aestivum</i> L.) grains. <i>Revista Brasileira De Botanica</i> , 2015, 38, 223-234.	1.3	62
24	Hydrogen peroxide modulates antioxidant system and nutrient relation in maize (<i>Zea mays</i> L.) under water-deficit conditions. <i>Archives of Agronomy and Soil Science</i> , 2015, 61, 507-523.	2.6	58
25	Environmental Stress and Secondary Metabolites in Plants. , 2018, , 153-167.		56
26	Presowing Seed Treatment with Cytokinins and Its Effect on Growth, Photosynthetic Rate, Ionic Levels and Yield of Two Wheat Cultivars Differing in Salt Tolerance. <i>Journal of Integrative Plant Biology</i> , 2005, 47, 1315-1325.	8.5	53
27	Glycine betaine counteracts the inhibitory effects of waterlogging on growth, photosynthetic pigments, oxidative defence system, nutrient composition, and fruit quality in tomato. <i>Journal of Horticultural Science and Biotechnology</i> , 2018, 93, 385-391.	1.9	53
28	Exogenous proline and glycinebetaine mitigate cadmium stress in two genetically different spring wheat (<i>Triticum aestivum</i> L.) cultivars. <i>Revista Brasileira De Botanica</i> , 2014, 37, 399-406.	1.3	52
29	Ontogenic variation in response of <i>Brassica campestris</i> L. to cadmium toxicity. <i>Journal of Plant Interactions</i> , 2008, 3, 189-198.	2.1	50
30	Organic chelates decrease phytotoxic effects and enhance chromium uptake by regulating chromium-speciation in castor bean (<i>Ricinus communis</i> L.). <i>Science of the Total Environment</i> , 2020, 716, 137061.	8.0	50
31	Effect of silver nanoparticles and silver nitrate on growth of rice under biotic stress. <i>IET Nanobiotechnology</i> , 2018, 12, 927-932.	3.8	47
32	Seed Pre-treatment with Polyhydroxy Fullerene Nanoparticles Confer Salt Tolerance in Wheat Through Upregulation of H ₂ O ₂ Neutralizing Enzymes and Phosphorus Uptake. <i>Journal of Soil Science and Plant Nutrition</i> , 2019, 19, 734-742.	3.4	46
33	Assessment of AgNPs exposure on physiological and biochemical changes and antioxidative defence system in wheat (<i>Triticum aestivum</i> L) under heat stress. <i>IET Nanobiotechnology</i> , 2019, 13, 230-236.	3.8	45
34	In vitro seed germination and biochemical profiling of <i>Artemisia absinthium</i> exposed to various metallic nanoparticles. <i>3 Biotech</i> , 2017, 7, 101.	2.2	42
35	Applications of Plant Flavonoids in the Green Synthesis of Colloidal Silver Nanoparticles and Impacts on Human Health. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2019, 43, 1381-1392.	1.5	40
36	Effect of Timing of Sulfur Fertilizer Application on Growth and Yield of Rapeseed. <i>Journal of Plant Nutrition</i> , 2005, 28, 1049-1059.	1.9	39

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37	Menadione sodium bisulphite mediated growth, secondary metabolism, nutrient uptake and oxidative defense in okra (<i>Abelmoschus esculentus</i> Moench) under cadmium stress. <i>Journal of Hazardous Materials</i> , 2018, 360, 604-614.	12.4	39
38	Responses of Components of Antioxidant System in Moongbean Genotypes to Cadmium Stress. <i>Communications in Soil Science and Plant Analysis</i> , 2008, 39, 2469-2483.	1.4	37
39	Fullerenol regulates oxidative stress and tissue ionic homeostasis in spring wheat to improve net-primary productivity under salt-stress. <i>Ecotoxicology and Environmental Safety</i> , 2021, 211, 111901.	6.0	37
40	Sustainable Agriculture and Plant Production by Virtue of Biochar in the Era of Climate Change. , 2022, , 21-42.		36
41	Herbal Ethnomedicine Of The Gwalior Forest Division In Madhya Pradesh, India. <i>Pharmaceutical Biology</i> , 2000, 38, 241-253.	2.9	34
42	<i>In vitro</i> germination and biochemical profiling of <i>Citrus reticulata</i> in response to green synthesised zinc and copper nanoparticles. <i>IET Nanobiotechnology</i> , 2017, 11, 790-796.	3.8	34
43	Exogenous triacontanol-mediated increase in phenolics, proline, activity of nitrate reductase, and shoot K^+ confers salt tolerance in maize (<i>Zea mays</i> L.). <i>Revista Brasileira De Botanica</i> , 2017, 40, 1-11.	1.3	32
44	Serratia sp. CP-13 alleviates Cd toxicity by morpho-physio-biochemical improvements, antioxidative potential and diminished Cd uptake in <i>Zea mays</i> L. cultivars differing in Cd tolerance. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111584.	6.0	32
45	Recent Advances in Abiotic Stress Tolerance of Plants Through Chemical Priming: An Overview. , 2018, , 51-79.		31
46	Alleviation of salinity-induced perturbations in ionic and hormonal concentrations in spring wheat through seed preconditioning in synthetic auxins. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 1093-1112.	2.1	30
47	Screening Indian Mustard Genotypes for Phytoremediating Arsenic Contaminated Soils. <i>Clean - Soil, Air, Water</i> , 2013, 41, 195-201.	1.1	30
48	Lateral Meristems Responsible for Secondary Growth of the Monocotyledons: A Survey of the State of the Art. <i>Botanical Review, The</i> , 2015, 81, 150-161.	3.9	30
49	Taurine modulates dynamics of oxidative defense, secondary metabolism, and nutrient relation to mitigate boron and chromium toxicity in <i>Triticum aestivum</i> L. plants. <i>Environmental Science and Pollution Research</i> , 2022, 29, 45527-45548.	5.3	30
50	FRET-based genetically-encoded sensors for quantitative monitoring of metabolites. <i>Biotechnology Letters</i> , 2015, 37, 1919-1928.	2.2	29
51	Green synthesis and characterisation of silver nanoparticles and their effects on antimicrobial efficacy and biochemical profiling in <i>Citrus reticulata</i> . <i>IET Nanobiotechnology</i> , 2018, 12, 514-519.	3.8	29
52	Drought-induced adaptive changes in the seedling anatomy of <i>Acacia ehrenbergiana</i> and <i>Acacia tortilis</i> subsp. <i>raddiana</i> . <i>Trees - Structure and Function</i> , 2013, 27, 959-971.	1.9	28
53	Drought tolerance potential of <i>Vigna mungo</i> L. lines as deciphered by modulated growth, antioxidant defense, and nutrient acquisition patterns. <i>Revista Brasileira De Botanica</i> , 2016, 39, 801-812.	1.3	28
54	Foliar applied fullerenol differentially improves salt tolerance in wheat through ion compartmentalization, osmotic adjustments and regulation of enzymatic antioxidants. <i>Physiology and Molecular Biology of Plants</i> , 2020, 26, 475-487.	3.1	28

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55	Hydrogen sulfide mediates defense response in safflower by regulating secondary metabolism, oxidative defense, and elemental uptake under drought. <i>Physiologia Plantarum</i> , 2021, 172, 795-808.	5.2	25
56	Exogenously applied 5-aminolevulinic acid modulates growth, secondary metabolism and oxidative defense in sunflower under water deficit stress. <i>Physiology and Molecular Biology of Plants</i> , 2020, 26, 489-499.	3.1	25
57	Does exogenous application of ascorbic acid modulate growth, photosynthetic pigments and oxidative defense in okra (<i>Abelmoschus esculentus</i> (L.) Moench) under lead stress?. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	2.1	24
58	Exogenous Silicon Modulates Growth, Physio-Chemicals and Antioxidants in Barley (<i>Hordeum vulgare</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	3.8	24
59	Exogenously applied proline induced changes in key anatomical features and physio-biochemical attributes in water stressed oat (<i>Avena sativa</i> L.) plants. <i>Physiology and Molecular Biology of Plants</i> , 2019, 25, 1121-1135.	3.1	23
60	Mercury-induced changes in growth variables and antioxidative enzyme activities in Indian mustard. <i>Journal of Plant Interactions</i> , 2009, 4, 131-136.	2.1	22
61	Modulations in plant water relations and tissue-specific osmoregulation by foliar-applied ascorbic acid and the induction of salt tolerance in maize plants. <i>Revista Brasileira De Botanica</i> , 2015, 38, 527-538.	1.3	22
62	Readjustments of cambial initials in <i>Wisteria floribunda</i> (Willd.) DC. for development of storeyed structure. <i>New Phytologist</i> , 2004, 163, 287-297.	7.3	21
63	Elemental sulfur improves growth and phytoremediative ability of wheat grown in lead-contaminated calcareous soil. <i>International Journal of Phytoremediation</i> , 2016, 18, 1022-1028.	3.1	21
64	Effect of Salt Stress on Different Growth and Biochemical Attributes in Two Canola (<i>Brassica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.4	19
65	Effect of Indole-3-Butyric Acid on Clonal Propagation of Mulberry (<i>Morus alba</i> L.) Stem Cuttings: Rooting and Associated Biochemical Changes. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2017, 87, 161-166.	1.0	19
66	Seasonal Rhythms of Structure and Behaviour of Vascular Cambium in <i>Ficus rumphii</i> . <i>Annals of Botany</i> , 1987, 60, 649-656.	2.9	18
67	Nitrogen-regulated changes in total amino acid profile of maize genotypes having contrasting response to nitrogen deficit. <i>Protoplasma</i> , 2017, 254, 2143-2153.	2.1	18
68	K-priming positively modulates growth and nutrient status of salt-stressed cotton (<i>Gossypium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	2.6	17
69	Smoke produced from plants waste material elicits growth of wheat (<i>Triticum aestivum</i> L.) by improving morphological, physiological and biochemical activity. <i>Biotechnology Reports (Amsterdam)</i> , Tj ETQq1 1 0.784314 rgBT /Over	1.4	17
70	Growth characteristics and antioxidant metabolism of moongbean genotypes differing in photosynthetic capacity subjected to water deficit stress. <i>Journal of Plant Interactions</i> , 2008, 3, 127-136.	2.1	16
71	Identification of the Phytoremediation Potential of Indian mustard Genotypes for Copper, Evaluated from a Hydroponic Experiment. <i>Clean - Soil, Air, Water</i> , 2013, 41, 789-796.	1.1	16
72	Foliar application of selenium increases fertility and grain yield in bread wheat under contrasting water availability regimes. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	2.1	16

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73	Salt tolerance and regulation of gas exchange and hormonal homeostasis by auxin-priming in wheat. <i>Pesquisa Agropecuária Brasileira</i> , 2013, 48, 1210-1219.	0.9	15
74	Morphological and anatomical variations of <i>Cajanus cajan</i> (Linn.) huth raised in cadmium-rich soil. <i>Journal of Plant Biology</i> , 2000, 43, 149-157.	2.1	14
75	Does intrusive growth of fusiform initials really contribute to circumferential growth of vascular cambium?. <i>Botany</i> , 2009, 87, 154-163.	1.0	14
76	Modelling for rearrangement of fusiform initials during radial growth of the vascular cambium in <i>Pinus sylvestris</i> L.. <i>Trees - Structure and Function</i> , 2013, 27, 879-893.	1.9	14
77	Root zone selenium reduces cadmium toxicity by modulating tissue-specific growth and metabolism in maize (<i>Zea mays</i> L.). <i>Archives of Agronomy and Soil Science</i> , 2017, 63, 1900-1911.	2.6	14
78	Menadione sodium bisulfite neutralizes chromium phytotoxic effects in okra by regulating cytosolutes, lipid peroxidation, antioxidant system and metal uptake. <i>International Journal of Phytoremediation</i> , 2020, 23, 1-11.	3.1	14
79	Stomatal and photosynthetic responses of <i>Cichorium intybus</i> leaves to sulfur dioxide treatment at different stages of plant development. <i>Journal of Plant Biology</i> , 2001, 44, 97-102.	2.1	13
80	Exogenous menadione sodium bisulfite mitigates specific ion toxicity and oxidative damage in salinity-stressed okra (<i>Abelmoschus esculentus</i> Moench). <i>Acta Physiologiae Plantarum</i> , 2019, 41, 1.	2.1	13
81	Growth responses and Hyoscyamine content of <i>Datura innoxia</i> under the influence of coal-smoke pollution. <i>Journal of Plant Biology</i> , 2000, 43, 69-75.	2.1	12
82	Seed enhancement with cytokinins: changes in growth and grain yield in salt stressed wheat plants. <i>Plant Growth Regulation</i> , 2006, 48, 207.	3.4	12
83	Differential response of wheat genotypes to applied nitrogen: biochemical and molecular analysis. <i>Archives of Agronomy and Soil Science</i> , 2012, 58, 915-929.	2.6	12
84	Interactive effects of chitosan and cadmium on growth, secondary metabolism, oxidative defense, and element uptake in pea (<i>Pisum sativum</i> L.). <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	12
85	Peptone-Induced Physio-Biochemical Modulations Reduce Cadmium Toxicity and Accumulation in Spinach (<i>Spinacia oleracea</i> L.). <i>Plants</i> , 2020, 9, 1806.	3.5	12
86	Foliar responses of <i>Peristrophe bicalyculata</i> to coal smoke pollution. <i>Journal of Plant Biology</i> , 1999, 42, 205-212.	2.1	11
87	Coal-smoke pollution modifies physio-chemical characteristics of tissues during the ontogeny of <i>Peristrophe bicalyculata</i> . <i>Biologia (Poland)</i> , 2008, 63, 1128-1134.	1.5	11
88	Variability of nitrogen uptake and assimilation among N-efficient and N-inefficient wheat (<i>Triticum</i>)	2.1	11
89	Structural changes in root and shoot of <i>Bacopa monniera</i> in response to salt stress. <i>Journal of Plant Biology</i> , 1999, 42, 222-225.	2.1	10
90	Behavioral responses of leaves and vascular cambium of <i>Prosopis cineraria</i> (L.) Druce to different regimes of coal-smoke pollution. <i>Journal of Plant Interactions</i> , 2010, 5, 117-133.	2.1	10

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91	Geometric analysis of intrusive growth of wood fibres in <i>Robinia pseudoacacia</i> . IAWA Journal, 2018, 39, 191-208.	2.7	10
92	Responses of bimetallic Ag/ZnO alloy nanoparticles and urea on morphological and physiological attributes of wheat. IET Nanobiotechnology, 2021, 15, 602-610.	3.8	10
93	Dynamic Proline Metabolism. , 2018, , 323-336.		9
94	Green synthesis and evaluation of silver nanoparticles for antimicrobial and biochemical profiling in Kinnow (<i>Citrus reticulata</i> L.) to enhance fruit quality and productivity under biotic stress. IET Nanobiotechnology, 2019, 13, 250-256.	3.8	9
95	Advances in Salt Tolerance of Some Major Fiber Crops Through Classical and Advanced Biotechnological Tools: A Review. Journal of Plant Growth Regulation, 2021, 40, 891-905.	5.1	9
96	Exogenous Caffeine (1,3,7-Trimethylxanthine) Application Diminishes Cadmium Toxicity by Modulating Physio-Biochemical Attributes and Improving the Growth of Spinach (<i>Spinacia oleracea</i> L.). Sustainability, 2022, 14, 2806.	3.2	9
97	Seed germination and biochemical profile of <i>Citrus reticulata</i> (Kinnow) exposed to green synthesised silver nanoparticles. IET Nanobiotechnology, 2018, 12, 688-693.	3.8	8
98	Fullerenol [60] Nano-cages for Protection of Crops Against Oxidative Stress: A Critical Review. Journal of Plant Growth Regulation, 2023, 42, 1267-1290.	5.1	8
99	Position of rays and lateral deviation of vessel elements in the stem wood of some dicotyledonous species with storeyed, double-storeyed, and nonstoreyed cambia. Botany, 2011, 89, 849-860.	1.0	7
100	Major Constraints for Global Rice Production: Changing Climate, Abiotic and Biotic Stresses. , 2020, , 15-45.		7
101	Tartaric acid soil-amendment increases phytoextraction potential through root to shoot transfer of lead in turnip. Chemosphere, 2022, 296, 134055.	8.2	7
102	Heat shock increases oxidative stress to modulate growth and physico-chemical attributes in diverse maize cultivars. International Agrophysics, 2016, 30, 519-531.	1.7	6
103	Cysteine-induced alterations in physicochemical parameters of oat (<i>Avena sativa</i> L. var. Scott) Tj ETQq1 1 0.784314 rgBT /Over 1.4 6		6
104	Effect of green synthesised silver nanoparticles on morphogenic and biochemical variations in callus cultures of kinnow mandarin (<i>Citrus reticulata</i> L.). IET Nanobiotechnology, 2019, 13, 541-545.	3.8	6
105	How Do Trees Grow in Girth? Controversy on the Role of Cellular Events in the Vascular Cambium. Acta Biotheoretica, 2021, 69, 643-670.	1.5	6
106	Influence of Drought Applied at Different Growth Stages on Kernel Yield and Quality in Maize (<i>Zea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1.4 5		5
107	Assessment of Green Synthesized Silver Nanoparticles in Wheat Seedlings at the Anatomical Level in Relation to Their Uptake, Translocation, and Accumulation. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 1551-1561.	1.5	5
108	Trends of ontogenetic size variation of cambial initials and their derivatives in the stem of <i>Bauhinia parviflora</i> Vahl. Bulletin De La Soci��t�� Botanique De France Lettres Botaniques, 1981, 128, 165-175.	0.1	4

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109	Influence of foliar glutathione and putrescine on metabolism and mineral status of genetically diverse rapeseed cultivars under hexavalent chromium stress. <i>Environmental Science and Pollution Research</i> , 2021, 28, 45353-45363.	5.3	4
110	Root-zone addition of glutathione and putrescine synergistically regulate GSHâ€‘NO metabolism to alleviate Cr (VI) toxicity in rapeseed seedlings. <i>Environmental Technology and Innovation</i> , 2021, 22, 101469.	6.1	4
111	Deciphering the Role of Plant-Derived Smoke Solution in Ameliorating Saline Stress and Improving Physiological, Biochemical, and Growth Responses of Wheat. <i>Journal of Plant Growth Regulation</i> , 2022, 41, 2769-2786.	5.1	4
112	Chlorophyll fluorescence, ion uptake, and osmoregulation are potential indicators for detecting ecotypic variation in salt tolerance of <i>Panicum antidotale</i> Retz*. <i>Arid Land Research and Management</i> , 2022, 36, 84-108.	1.6	4
113	Application of Biochar for the Mitigation of Abiotic Stress-Induced Damages in Plants. , 2019, , 285-304.		4
114	Ontogenetic size variation of sieve-tube elements in <i>Prosopis spicigera</i> L.. <i>Bulletin De La Soci�t� Botanique De France</i> , 1977, 124, 445-450.	0.1	3
115	Physiological and biochemical markers to optimize sugar mill wastewater for irrigation in maize (<i>Zea mays</i> L.) cv. Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.3	3
116	Silver nanoparticles and silver salt (AgNO ₃) elicits morphogenic and biochemical variations in callus cultures of sugarcane. <i>IET Nanobiotechnology</i> , 2019, 13, 896-904.	3.8	3
117	Tissue-specific modulation of metabolism and nutrients acquisition through seed priming with sodium selenate confers salt tolerance in wheat. <i>Archives of Agronomy and Soil Science</i> , 2021, 67, 1434-1447.	2.6	3
118	Foliar application of nano-zinc oxide crystals improved zinc biofortification in cauliflower (<i>Brassica oleracea</i> L.) cv. Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.1	3
119	Effect of Semiarid Environment on Some Nutritional and Antinutritional Attributes of Calendula (<i>Calendula officinalis</i>). <i>Journal of Chemistry</i> , 2015, 2015, 1-8.	1.9	2
120	Individual Rather Than Simultaneous Priming with Glutathione and Putrescine Reduces Chromium Cr ⁶⁺ Toxicity in Contrasting Canola (<i>Brassica napus</i> L.) Cultivars. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 107, 427-432.	2.7	2
121	The exogenous menadiol diacetate enhances growth and yield by reducing Pb uptake, translocation and its toxicity through tissue nutrients acquisition in cucumber (<i>Cucumis sativus</i> L.). <i>Environmental Technology and Innovation</i> , 2021, 23, 101666.	6.1	2
122	Chemical Priming for Multiple Stress Tolerance. , 2019, , 385-415.		2
123	Efficacy of differently applied tyrosine and tryptophan for modulation of phenolic metabolism in <i>Trachyspermum ammi</i> (L.) sprague seedlings. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2016, 29, 1847-1851.	0.2	0
124	Circadian Variation in Activities of Blackbuck Under Captivity in Punjab, Pakistan. <i>Proceedings of the Zoological Society</i> , 0, , 1.	1.0	0
125	Coal-smoke pollution modifies physio-chemical characteristics of tissues during the ontogeny of <i>Peristrophe bicalyculata</i> . , 2008, 63, 1128.		0