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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.

87
papers

1,864
citations

26
h-index

39
g-index

94
ext. papers

2,767
ext. citations

4.6
avg, IF

5.65
L-index

#	Paper	IF	Citations
87	Phosphorus amendment decreased cadmium (Cd) uptake and ameliorates chlorophyll contents, gas exchange attributes, antioxidants, and mineral nutrients in wheat (<i>Triticum aestivum</i> L.) under Cd stress. <i>Archives of Agronomy and Soil Science</i> , 2016 , 62, 533-546	2	101
86	Infliximab associated with faster symptom resolution compared with corticosteroids alone for the management of immune-related enterocolitis 2018 , 6, 103		89
85	Seed priming by sodium nitroprusside improves salt tolerance in wheat (<i>Triticum aestivum</i> L.) by enhancing physiological and biochemical parameters. <i>Plant Physiology and Biochemistry</i> , 2017 , 119, 50-58	5.4	74
84	Foliar application of ascorbate enhances the physiological and biochemical attributes of maize (<i>Zea mays</i> L.) cultivars under drought stress. <i>Archives of Agronomy and Soil Science</i> , 2015 , 61, 1659-1672	2	72
83	miRNA-based heavy metal homeostasis and plant growth. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 10068-10082	5.1	69
82	Microplastics could be a threat to plants in terrestrial systems directly or indirectly. <i>Environmental Pollution</i> , 2020 , 267, 115653	9.3	63
81	miRNAs: Major modulators for crop growth and development under abiotic stresses. <i>Biotechnology Letters</i> , 2017 , 39, 685-700	3	58
80	Biotechnological Advancements for Improving Floral Attributes in Ornamental Plants. <i>Frontiers in Plant Science</i> , 2017 , 8, 530	6.2	51
79	BIOETHANOL PRODUCTION FROM LIGNOCELLULOSIC BIOMASS BY ENVIRONMENT-FRIENDLY PRETREATMENT METHODS: A REVIEW. <i>Applied Ecology and Environmental Research</i> , 2018 , 16, 225-249	1.9	51
78	Deciphering physio-biochemical, yield, and nutritional quality attributes of water-stressed radish (<i>Raphanus sativus</i> L.) plants grown from Zn-Lys primed seeds. <i>Chemosphere</i> , 2018 , 195, 175-189	8.4	50
77	Plant Responses to Pathogen Attack: Small RNAs in Focus. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	49
76	CRISPR-Cas9: Tool for Qualitative and Quantitative Plant Genome Editing. <i>Frontiers in Plant Science</i> , 2016 , 7, 1740	6.2	49
75	Goethite-modified biochar ameliorates the growth of rice (<i>Oryza sativa</i> L.) plants by suppressing Cd and As-induced oxidative stress in Cd and As co-contaminated paddy soil. <i>Science of the Total Environment</i> , 2020 , 717, 137086	10.2	45
74	Linking effects of microplastics to ecological impacts in marine environments. <i>Chemosphere</i> , 2021 , 264, 128541	8.4	44
73	Effects of road proximity on heavy metal concentrations in soils and common roadside plants in Southern California. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 35257-35265	5.1	39
72	Assessment of drought tolerance in mung bean cultivars/lines as depicted by the activities of germination enzymes, seedling antioxidant potential and nutrient acquisition. <i>Archives of Agronomy and Soil Science</i> , 2018 , 64, 84-102	2	38
71	Basic leucine zipper domain transcription factors: the vanguards in plant immunity. <i>Biotechnology Letters</i> , 2017 , 39, 1779-1791	3	38

70	PRRs and NB-LRRs: From Signal Perception to Activation of Plant Innate Immunity. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	37
69	CaWRKY22 Acts as a Positive Regulator in Pepper Response to by Constituting Networks with CaWRKY6, CaWRKY27, CaWRKY40, and CaWRKY58. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	37
68	Plant microRNAs: Front line players against invading pathogens. <i>Microbial Pathogenesis</i> , 2018 , 118, 9-17	3.8	36
67	Alteration in yield and oil quality traits of winter rapeseed by lodging at different planting density and nitrogen rates. <i>Scientific Reports</i> , 2018 , 8, 634	4.9	36
66	in Pepper Acts as a Negative Regulator in Response to by Directly Modulating Defense Genes Including. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	34
65	Plant-insect-microbe interaction: A love triangle between enemies in ecosystem. <i>Science of the Total Environment</i> , 2020 , 699, 134181	10.2	33
64	24-Epibrassinolide Alleviates the Injurious Effects of Cr(VI) Toxicity in Tomato Plants: Insights into Growth, Physio-Biochemical Attributes, Antioxidant Activity and Regulation of Ascorbate-Glutathione and Glyoxalase Cycles. <i>Journal of Plant Growth Regulation</i> , 2020 , 39, 1587-1604	4.7	30
63	Functional and Promoter Analysis of ChiIV3, a Chitinase of Pepper Plant, in Response to Phytophthora capsici Infection. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	30
62	Interactions and effects of microplastics with heavy metals in aquatic and terrestrial environments. <i>Environmental Pollution</i> , 2021 , 290, 118104	9.3	27
61	Goethite-modified biochar restricts the mobility and transfer of cadmium in soil-rice system. <i>Chemosphere</i> , 2020 , 242, 125152	8.4	26
60	Sugar beet extract acts as a natural bio-stimulant for physio-biochemical attributes in water stressed wheat (Triticum aestivum L.). <i>Acta Physiologiae Plantarum</i> , 2018 , 40, 1	2.6	26
59	PLANT VIRUS ECOLOGY: A GLIMPSE OF RECENT ACCOMPLISHMENTS. <i>Applied Ecology and Environmental Research</i> , 2017 , 15, 691-705	1.9	25
58	Management of Tobacco Mosaic Virus through Natural Metabolites. <i>Records of Natural Products</i> , 2018 , 12, 403-415	1.9	23
57	Zinc finger protein transcription factors: Integrated line of action for plant antimicrobial activity. <i>Microbial Pathogenesis</i> , 2019 , 132, 141-149	3.8	22
56	Proteomic approach to address low seed germination in Cyclobalnopsis gilva. <i>Biotechnology Letters</i> , 2017 , 39, 1441-1451	3	22
55	Capsicum annum HsfB2a Positively Regulates the Response to Ralstonia solanacearum Infection or High Temperature and High Humidity Forming Transcriptional Cascade with CaWRKY6 and CaWRKY40. <i>Plant and Cell Physiology</i> , 2018 , 59, 2608-2623	4.9	21
54	Study of the responses of two biomonitor plant species (Datura alba & Ricinus communis) to roadside air pollution. <i>Chemosphere</i> , 2019 , 235, 832-841	8.4	20
53	Expression and functional evaluation of CaZNF830 during pepper response to Ralstonia solanacearum or high temperature and humidity. <i>Microbial Pathogenesis</i> , 2018 , 118, 336-346	3.8	20

52	Vehicle pollution toxicity induced changes in physiology, defence system and biochemical characteristics of <i>Calotropis procera</i> L.. <i>Chemistry and Ecology</i> , 2018 , 34, 565-581	2.3	20
51	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	1.2	20
50	a Stress-Responsive Protein Kinase, Positively Regulates Rice Resistance to via Phytohormone Dynamics. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	19
49	Impact of chelator-induced phytoextraction of cadmium on yield and ionic uptake of maize. <i>International Journal of Phytoremediation</i> , 2017 , 19, 505-513	3.9	19
48	Biologically treated wastewater fertigation induced growth and yield enhancement effects in <i>Vigna radiata</i> L.. <i>Agricultural Water Management</i> , 2014 , 146, 124-130	5.9	16
47	Role of environmental factors in shaping the soil microbiome. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 41225-41247	5.1	16
46	CabZIP53 is targeted by CaWRKY40 and act as positive regulator in pepper defense against <i>Ralstonia solanacearum</i> and thermotolerance. <i>Environmental and Experimental Botany</i> , 2019 , 159, 138-148	5.9	15
45	Plant hypersensitive response vs pathogen ingresson: Death of few gives life to others. <i>Microbial Pathogenesis</i> , 2020 , 145, 104224	3.8	14
44	Molecular regulation of pepper innate immunity and stress tolerance: An overview of WRKY TFs. <i>Microbial Pathogenesis</i> , 2019 , 135, 103610	3.8	14
43	Nitrogen Dynamics in Wetland Systems and Its Impact on Biodiversity. <i>Nitrogen</i> , 2021 , 2, 196-217	1.8	13
42	Characterization of mycotoxins from entomopathogenic fungi (<i>Cordyceps fumosorosea</i>) and their toxic effects to the development of asian citrus psyllid reared on healthy and diseased citrus plants. <i>Toxicon</i> , 2020 , 188, 39-47	2.8	12
41	Elucidating the distinct interactive impact of cadmium and nickel on growth, photosynthesis, metal-homeostasis, and yield responses of mung bean (<i>Vigna radiata</i> L.) varieties. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 27376-27390	5.1	12
40	System Biology of Metal Tolerance in Plants: An Integrated View of Genomics, Transcriptomics, Metabolomics, and Phenomics 2019 , 107-144		11
39	Plant-insect vector-virus interactions under environmental change. <i>Science of the Total Environment</i> , 2020 , 701, 135044	10.2	11
38	Expression and functional analysis of P450 gene induced tolerance/resistance to lambda-cyhalothrin in quercetin fed larvae of beet armyworm (HBner). <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 77-87	4	11
37	Insect-fungal-interactions: A detailed review on entomopathogenic fungi pathogenicity to combat insect pests. <i>Microbial Pathogenesis</i> , 2021 , 159, 105122	3.8	10
36	A novel MYB transcription factor CaPHL8 provide clues about evolution of pepper immunity against soil borne pathogen. <i>Microbial Pathogenesis</i> , 2019 , 137, 103758	3.8	9
35	Ethnobotanical studies of potential wild medicinal plants of Ormara, Gawadar, Pakistan. <i>Emirates Journal of Food and Agriculture</i> , 2013 , 25, 751	1	9

34	Crosstalk Between Plant miRNA and Heavy Metal Toxicity 2019 , 145-168		8
33	Impact of landfill garbage on insect ecology and human health. <i>Acta Tropica</i> , 2020 , 211, 105630	3.2	8
32	Rising Metals Concentration in the Environment: A Response to Effluents of Leather Industries in Sialkot. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021 , 106, 493-500	2.7	8
31	Host-pathogen interaction between Asian citrus psyllid and entomopathogenic fungus (<i>Cordyceps fumosorosea</i>) is regulated by modulations in gene expression, enzymatic activity and HLB-bacterial population of the host. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Physiology</i> , 2021 , 197, 101112	3.2	8
30	Exploring the Potential of Overexpressed Rice as a Nitrogen Utilization Efficient Crop and Analysis of Its Associated Rhizo-Compartmental Microbial Communities. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	7
29	Salt-induced perturbation in growth, physiological attributes, activities of antioxidant enzymes and organic solutes in mungbean (<i>Vigna radiata</i> L.) cultivars differing in salinity tolerance. <i>Archives of Agronomy and Soil Science</i> , 2013 , 59, 1695-1712	2	7
28	Spike glycoproteins: Their significance for corona viruses and receptor binding activities for pathogenesis and viral survival. <i>Microbial Pathogenesis</i> , 2021 , 150, 104719	3.8	7
27	Foliar architecture and physio-biochemical plasticity determines survival of <i>Typha domingensis</i> pers. Ecotypes in nickel and salt affected soil. <i>Environmental Pollution</i> , 2021 , 286, 117316	9.3	6
26	The Desaturase Gene Family is Crucially Required for Fatty Acid Metabolism and Survival of the Brown Planthopper,. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	5
25	Silencing has different effects on rice pests in the field. <i>Plant Signaling and Behavior</i> , 2019 , 14, e1640562.5	2.5	5
24	Perspective Research Progress in Cold Responses of. <i>Frontiers in Plant Science</i> , 2017 , 8, 1388	6.2	5
23	Influence of applied nitrogen on growth and tissue nutrient concentration in the medicinal plant Ajowain (<i>Trachyspermum ammi</i>). <i>Australian Journal of Experimental Agriculture</i> , 2006 , 46, 425		5
22	Physiological homeostasis for ecological success of (Pers.) populations in saline soils. <i>Physiology and Molecular Biology of Plants</i> , 2021 , 27, 687-701	2.8	5
21	Transcriptome approach to address low seed germination in <i>Cyclobalanopsis gilva</i> to save forest ecology. <i>Biochemical Systematics and Ecology</i> , 2018 , 81, 62-69	1.4	5
20	Elicitins as molecular weapons against pathogens: consolidated biotechnological strategy for enhancing plant growth. <i>Critical Reviews in Biotechnology</i> , 2020 , 40, 821-832	9.4	4
19	Q-SNARE protein FgSyn8 plays important role in growth, DON production and pathogenicity of <i>Fusarium graminearum</i> . <i>Microbial Pathogenesis</i> , 2020 , 140, 103948	3.8	4
18	Success of transgenic cotton (<i>Gossypium hirsutum</i> L.): Fiction or reality?. <i>Cogent Food and Agriculture</i> , 2016 , 2,	1.8	3
17	Air pollution on highways and motorways perturbs carbon and nitrogen levels in roadside ecosystems. <i>Chemistry and Ecology</i> , 2020 , 36, 868-880	2.3	3

16	Phyto-derivatives: an efficient eco-friendly way to manage <i>Trogoderma granarium</i> (Everts) (Coleoptera: Dermestidae). <i>International Journal of Tropical Insect Science</i> , 2021 , 41, 915-926	1	3
15	Host plants alter their volatiles to help a solitary egg parasitoid distinguish habitats with parasitized hosts from those without. <i>Plant, Cell and Environment</i> , 2020 , 43, 1740-1750	8.4	2
14	Goethite modified biochar simultaneously mitigates the arsenic and cadmium accumulation in paddy rice (<i>Oryza sativa</i>) L. <i>Environmental Research</i> , 2021 , 206, 112238	7.9	2
13	Insects-plants-pathogens: Toxicity, dependence and defense dynamics. <i>Toxicon</i> , 2021 , 197, 87-98	2.8	2
12	NPK could alleviate the adverse effects of simulated acid rain in sunflower (<i>Helianthus annuus</i> L.). <i>Journal of Plant Nutrition</i> , 2018 , 41, 584-595	2.3	2
11	A basic helix-loop-helix transcription factor CabHLH113 positively regulate pepper immunity against <i>Ralstonia solanacearum</i> . <i>Microbial Pathogenesis</i> , 2021 , 156, 104909	3.8	2
10	Growth attributes, biochemical modulations, antioxidant enzymatic metabolism and yield in varieties for salinity tolerance. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 5469-5479	4	2
9	Proteomic analysis reveals key proteins in seed germination of <i>Cyclobalnopsis gilva</i> . <i>Biochemical Systematics and Ecology</i> , 2019 , 83, 106-111	1.4	1
8	Molecular Control and Application of Male Fertility for Two-Line Hybrid Rice Breeding. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
7	<i>Hemarthria compressa</i> Aspergillus nigerTrichoderma pseudokoningii Mediated Trilateral Perspective for Bioremediation and Detoxification of Industrial Paper Sludge. <i>Sustainability</i> , 2021 , 13, 12266	3.6	1
6	Heterologous expression and characterization of glycoside hydrolase with its potential applications in hyperthermic environment.. <i>Saudi Journal of Biological Sciences</i> , 2022 , 29, 751-757	4	1
5	Sugarcane cultivars manipulate rhizosphere bacterial communities' structure and composition of agriculturally important keystone taxa.. <i>3 Biotech</i> , 2022 , 12, 32	2.8	0
4	Assessment of wheat productivity responses and soil health dynamics under brackish ground water.. <i>Saudi Journal of Biological Sciences</i> , 2022 , 29, 793-803	4	0
3	Regulation of Capsicum immunity against microbial pathogens: Transcription factors in focus. <i>Physiological and Molecular Plant Pathology</i> , 2020 , 112, 101548	2.6	0
2	Mediation of Growth and Metabolism of <i>Pisum sativum</i> in Salt Stress Potentially Be Credited to Thiamine. <i>Journal of Soil Science and Plant Nutrition</i> ,1	3.2	0
1	Assessment of composition and spatial dynamics of weed communities in agroecosystem under varying edaphic factors. <i>PLoS ONE</i> , 2022 , 17, e0266778	3.7	0