

Dhriti Kapoor

List of Publications by Year in descending order

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238
papers

13,164
citations

25034

57
h-index

30922

102
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260
all docs

260
docs citations

260
times ranked

9495
citing authors

#	ARTICLE	IF	CITATIONS
1	Response of Phenylpropanoid Pathway and the Role of Polyphenols in Plants under Abiotic Stress. <i>Molecules</i> , 2019, 24, 2452.	3.8	999
2	Worldwide pesticide usage and its impacts on ecosystem. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	863
3	Global evaluation of heavy metal content in surface water bodies: A meta-analysis using heavy metal pollution indices and multivariate statistical analyses. <i>Chemosphere</i> , 2019, 236, 124364.	8.2	475
4	Phytohormones Regulate Accumulation of Osmolytes Under Abiotic Stress. <i>Biomolecules</i> , 2019, 9, 285.	4.0	412
5	Photosynthetic Response of Plants Under Different Abiotic Stresses: A Review. <i>Journal of Plant Growth Regulation</i> , 2020, 39, 509-531.	5.1	406
6	Assessment of Subcellular ROS and NO Metabolism in Higher Plants: Multifunctional Signaling Molecules. <i>Antioxidants</i> , 2019, 8, 641.	5.1	310
7	Pollution assessment of heavy metals in soils of India and ecological risk assessment: A state-of-the-art. <i>Chemosphere</i> , 2019, 216, 449-462.	8.2	308
8	Trichoderma: The "Secrets" of a Multitalented Biocontrol Agent. <i>Plants</i> , 2020, 9, 762.	3.5	287
9	The Impact of Drought in Plant Metabolism: How to Exploit Tolerance Mechanisms to Increase Crop Production. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5692.	2.5	281
10	Antioxidant enzymes regulation in plants in reference to reactive oxygen species (ROS) and reactive nitrogen species (RNS). <i>Plant Gene</i> , 2019, 19, 100182.	2.3	280
11	Chromium Bioaccumulation and Its Impacts on Plants: An Overview. <i>Plants</i> , 2020, 9, 100.	3.5	257
12	Interaction of freshwater microplastics with biota and heavy metals: a review. <i>Environmental Chemistry Letters</i> , 2020, 18, 1813-1824.	16.2	186
13	Exogenous application of brassinosteroid offers tolerance to salinity by altering stress responses in rice variety Pusa Basmati-1. <i>Plant Physiology and Biochemistry</i> , 2013, 69, 17-26.	5.8	183
14	Selenium modulates dynamics of antioxidative defence expression, photosynthetic attributes and secondary metabolites to mitigate chromium toxicity in <i>Brassica juncea</i> L. plants. <i>Environmental and Experimental Botany</i> , 2019, 161, 180-192.	4.2	177
15	Plant steroidal hormone epibrassinolide regulate " Heavy metal stress tolerance in <i>Oryza sativa</i> L. by modulating antioxidant defense expression. <i>Environmental and Experimental Botany</i> , 2016, 122, 1-9.	4.2	172
16	Metal resistant PGPR lowered Cd uptake and expression of metal transporter genes with improved growth and photosynthetic pigments in <i>Lycopersicon esculentum</i> under metal toxicity. <i>Scientific Reports</i> , 2019, 9, 5855.	3.3	163
17	Chromium Stress Mitigation by Polyamine-Brassinosteroid Application Involves Phytohormonal and Physiological Strategies in <i>Raphanus sativus</i> L.. <i>PLoS ONE</i> , 2012, 7, e33210.	2.5	159
18	Selenium mitigates cadmium-induced oxidative stress in tomato (<i>Solanum lycopersicum</i> L.) plants by modulating chlorophyll fluorescence, osmolyte accumulation, and antioxidant system. <i>Protoplasma</i> , 2018, 255, 459-469.	2.1	157

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19	Interaction of Brassinosteroids and Polyamines Enhances Copper Stress Tolerance in <i>Raphanus Sativus</i> . <i>Journal of Experimental Botany</i> , 2012, 63, 5659-5675.	4.8	142
20	Assessment of heavy-metal pollution in three different Indian water bodies by combination of multivariate analysis and water pollution indices. <i>Human and Ecological Risk Assessment (HERA)</i> , 2020, 26, 1-16.	3.4	131
21	Redox homeostasis in plants under abiotic stress: role of electron carriers, energy metabolism mediators and proteinaceous thiols. <i>Frontiers in Environmental Science</i> , 2015, 3, .	3.3	130
22	24-Epibrassinolide; an active brassinolide and its role in salt stress tolerance in plants: A review. <i>Plant Physiology and Biochemistry</i> , 2018, 130, 69-79.	5.8	129
23	28-homobrassinolide regulates antioxidant enzyme activities and gene expression in response to salt- and temperature-induced oxidative stress in <i>Brassica juncea</i> . <i>Scientific Reports</i> , 2018, 8, 8735.	3.3	113
24	A critical review on toxicity of cobalt and its bioremediation strategies. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	107
25	Interaction of 24-epibrassinolide and salicylic acid regulates pigment contents, antioxidative defense responses, and gene expression in <i>Brassica juncea</i> L. seedlings under Pb stress. <i>Environmental Science and Pollution Research</i> , 2018, 25, 15159-15173.	5.3	106
26	Herbal immune-boosters: Substantial warriors of pandemic Covid-19 battle. <i>Phytomedicine</i> , 2021, 85, 153361.	5.3	106
27	Exogenous application of calcium to 24-epibrassinosteroid pre-treated tomato seedlings mitigates NaCl toxicity by modifying ascorbate-glutathione cycle and secondary metabolites. <i>Scientific Reports</i> , 2018, 8, 13515.	3.3	105
28	Pre-sowing Seed Treatment with 24-Epibrassinolide Ameliorates Pesticide Stress in <i>Brassica juncea</i> L. through the Modulation of Stress Markers. <i>Frontiers in Plant Science</i> , 2016, 7, 1569.	3.6	104
29	Nitric oxide-mediated regulation of oxidative stress in plants under metal stress: a review on molecular and biochemical aspects. <i>Physiologia Plantarum</i> , 2020, 168, 318-344.	5.2	102
30	Combined effect of 24-epibrassinolide and salicylic acid mitigates lead (Pb) toxicity by modulating various metabolites in <i>Brassica juncea</i> L. seedlings. <i>Protoplasma</i> , 2018, 255, 11-24.	2.1	102
31	Supplementation with plant growth promoting rhizobacteria (PGPR) alleviates cadmium toxicity in <i>Solanum lycopersicum</i> by modulating the expression of secondary metabolites. <i>Chemosphere</i> , 2019, 230, 628-639.	8.2	101
32	Jasmonic acid application triggers detoxification of lead (Pb) toxicity in tomato through the modifications of secondary metabolites and gene expression. <i>Chemosphere</i> , 2019, 235, 734-748.	8.2	96
33	Effects of 24-epibrassinolide on growth and metal uptake in <i>Brassica juncea</i> L. under copper metal stress. <i>Acta Physiologiae Plantarum</i> , 2007, 29, 259-263.	2.1	94
34	Nitrates in the environment: A critical review of their distribution, sensing techniques, ecological effects and remediation. <i>Chemosphere</i> , 2022, 287, 131996.	8.2	92
35	Herbicide Glyphosate: Toxicity and Microbial Degradation. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7519.	2.6	91
36	Dietary Polyunsaturated Fatty Acids (PUFAs): Uses and Potential Health Benefits. <i>Current Nutrition Reports</i> , 2021, 10, 232-242.	4.3	88

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37	Effects of 28-homobrassinolide on growth, lipid peroxidation and antioxidative enzyme activities in seedlings of <i>Zea mays</i> L. under salinity stress. <i>Acta Physiologiae Plantarum</i> , 2008, 30, 833-839.	2.1	84
38	A review of ecological risk assessment and associated health risks with heavy metals in sediment from India. <i>International Journal of Sediment Research</i> , 2020, 35, 516-526.	3.5	83
39	Epibrassinolide ameliorates Cr (VI) stress via influencing the levels of indole-3-acetic acid, abscisic acid, polyamines and antioxidant system of radish seedlings. <i>Chemosphere</i> , 2011, 84, 592-600.	8.2	81
40	Plant growth promoting rhizobacteria induced Cd tolerance in <i>Lycopersicon esculentum</i> through altered antioxidative defense expression. <i>Chemosphere</i> , 2019, 217, 463-474.	8.2	81
41	Effect of 28-homobrassinolide on antioxidant defence system in <i>Raphanus sativus</i> L. under chromium toxicity. <i>Ecotoxicology</i> , 2011, 20, 862-874.	2.4	80
42	Exogenous Application of 28-Homobrassinolide Modulates the Dynamics of Salt and Pesticides Induced Stress Responses in an Elite Rice Variety Pusa Basmati-1. <i>Journal of Plant Growth Regulation</i> , 2015, 34, 509-518.	5.1	77
43	Castasterone and citric acid treatment restores photosynthetic attributes in <i>Brassica juncea</i> L. under Cd(II) toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 466-475.	6.0	77
44	Revealing on hydrogen sulfide and nitric oxide signals coordination for plant growth under stress conditions. <i>Physiologia Plantarum</i> , 2020, 168, 301-317.	5.2	77
45	Differential distribution of amino acids in plants. <i>Amino Acids</i> , 2017, 49, 821-869.	2.7	72
46	Mechanism and kinetics of adsorption and removal of heavy metals from wastewater using nanomaterials. <i>Environmental Chemistry Letters</i> , 2021, 19, 2351-2381.	16.2	72
47	Jasmonic Acid Seed Treatment Stimulates Insecticide Detoxification in <i>Brassica juncea</i> L.. <i>Frontiers in Plant Science</i> , 2018, 9, 1609.	3.6	71
48	Brassinosteroid Signaling, Crosstalk and, Physiological Functions in Plants Under Heavy Metal Stress. <i>Frontiers in Plant Science</i> , 2021, 12, 608061.	3.6	70
49	Castasterone attenuates insecticide induced phytotoxicity in mustard. <i>Ecotoxicology and Environmental Safety</i> , 2019, 179, 50-61.	6.0	68
50	Jasmonic acid induced changes in physio-biochemical attributes and ascorbate-glutathione pathway in <i>Lycopersicon esculentum</i> under lead stress at different growth stages. <i>Science of the Total Environment</i> , 2018, 645, 1344-1360.	8.0	67
51	Plant steroid hormones produced under Ni stress are involved in the regulation of metal uptake and oxidative stress in <i>Brassica juncea</i> L.. <i>Chemosphere</i> , 2012, 86, 41-49.	8.2	66
52	Brassinosteroid-mediated pesticide detoxification in plants: A mini-review. <i>Cogent Food and Agriculture</i> , 2018, 4, 1436212.	1.4	66
53	Stress modulation response of 24-epibrassinolide against imidacloprid in an elite indica rice variety Pusa Basmati-1. <i>Pesticide Biochemistry and Physiology</i> , 2013, 105, 144-153.	3.6	64
54	Physiological and Biochemical Changes in <i>Brassica juncea</i> Plants under Cd-Induced Stress. <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	64

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55	Isolation and characterization of 24-Epibrassinolide from Brassica juncea L. and its effects on growth, Ni ion uptake, antioxidant defense of Brassica plants and in vitro cytotoxicity. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 1351-1362.	2.1	63
56	Zinc application mitigates the adverse effects of NaCl stress on mustard [<i>Brassica juncea</i> (L.) Czern & Coss] through modulating compatible organic solutes, antioxidant enzymes, and flavonoid content. <i>Journal of Plant Interactions</i> , 2017, 12, 429-437.	2.1	63
57	24-epibrassinolide stimulates imidacloprid detoxification by modulating the gene expression of Brassica juncea L. <i>BMC Plant Biology</i> , 2017, 17, 56.	3.6	62
58	Adsorption and detoxification of pharmaceutical compounds from wastewater using nanomaterials: A review on mechanism, kinetics, valorization and circular economy. <i>Journal of Environmental Management</i> , 2021, 300, 113569.	7.8	61
59	Effect of 24-epibrassinolide on oxidative stress markers induced by nickel-ion in <i>Raphanus sativus</i> L.. <i>Acta Physiologiae Plantarum</i> , 2011, 33, 1723-1735.	2.1	60
60	Arsenic induced modulation of antioxidative defense system and brassinosteroids in Brassica juncea L.. <i>Ecotoxicology and Environmental Safety</i> , 2015, 115, 119-125.	6.0	60
61	Role of plant growth promoting Bacteria (PGPRs) as biocontrol agents of <i>Meloidogyne incognita</i> through improved plant defense of <i>Lycopersicon esculentum</i> . <i>Plant and Soil</i> , 2019, 436, 325-345.	3.7	60
62	Modulation of antioxidative defense expression and osmolyte content by co-application of 24-epibrassinolide and salicylic acid in Pb exposed Indian mustard plants. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 382-393.	6.0	57
63	Castasterone and Citric Acid Supplementation Alleviates Cadmium Toxicity by Modifying Antioxidants and Organic Acids in Brassica juncea. <i>Journal of Plant Growth Regulation</i> , 2018, 37, 286-299.	5.1	57
64	Protective role of selenium against chromium stress involving metabolites and essential elements in Brassica juncea L. seedlings. <i>3 Biotech</i> , 2018, 8, 66.	2.2	56
65	Temporal distribution, source apportionment, and pollution assessment of metals in the sediments of Beas river, India. <i>Human and Ecological Risk Assessment (HERA)</i> , 2018, 24, 2162-2181.	3.4	55
66	Water quality assessment of river Beas, India, using multivariate and remote sensing techniques. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 137.	2.7	52
67	Castasterone confers copper stress tolerance by regulating antioxidant enzyme responses, antioxidants, and amino acid balance in B. juncea seedlings. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 725-734.	6.0	52
68	Synergistic effect of 24-epibrassinolide and salicylic acid on photosynthetic efficiency and gene expression in Brassica juncea L. under Pb stress. <i>Turkish Journal of Biology</i> , 2017, 41, 943-953.	0.8	51
69	Effects of 28-homobrassinolide on Seedling Growth, Lipid Peroxidation and Antioxidative Enzyme Activities under Nickel Stress in Seedlings of <i>Zea mays</i> L.. <i>Asian Journal of Plant Sciences</i> , 2007, 6, 765-772.	0.4	51
70	Modulation of the Functional Components of Growth, Photosynthesis, and Anti-Oxidant Stress Markers in Cadmium Exposed Brassica juncea L.. <i>Plants</i> , 2019, 8, 260.	3.5	49
71	Role of P-type ATPase metal transporters and plant immunity induced by jasmonic acid against Lead (Pb) toxicity in tomato. <i>Ecotoxicology and Environmental Safety</i> , 2019, 174, 283-294.	6.0	49
72	Epibrassinolide induces changes in indole-3-acetic acid, abscisic acid and polyamine concentrations and enhances antioxidant potential of radish seedlings under copper stress. <i>Physiologia Plantarum</i> , 2010, 140, no-no.	5.2	47

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73	Effect of seed pre-soaking with 24-epibrassinolide on growth and photosynthetic parameters of <i>Brassica juncea</i> L. in imidacloprid soil. <i>Ecotoxicology and Environmental Safety</i> , 2016, 133, 195-201.	6.0	47
74	Jasmonic acid-induced tolerance to root-knot nematodes in tomato plants through altered photosynthetic and antioxidative defense mechanisms. <i>Protoplasma</i> , 2018, 255, 471-484.	2.1	47
75	Oxidative stress mitigation and initiation of antioxidant and osmoprotectant responses mediated by ascorbic acid in <i>Brassica juncea</i> L. subjected to copper (II) stress. <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109436.	6.0	47
76	Impact of Plant Growth Promoting Rhizobacteria in the Orchestration of <i>Lycopersicon esculentum</i> Mill. Resistance to Plant Parasitic Nematodes: A Metabolomic Approach to Evaluate Defense Responses Under Field Conditions. <i>Biomolecules</i> , 2019, 9, 676.	4.0	47
77	Responses of Plants to Pesticide Toxicity: an Overview. <i>Planta Daninha</i> , 0, 37, .	0.5	47
78	24-epibrassinolide induced antioxidative defense system of <i>Brassica juncea</i> L. under Zn metal stress. <i>Physiology and Molecular Biology of Plants</i> , 2010, 16, 285-293.	3.1	42
79	Seed pre-soaking with 24-epibrassinolide reduces the imidacloprid pesticide residues in green pods of <i>Brassica juncea</i> L.. <i>Toxicological and Environmental Chemistry</i> , 2017, 99, 95-103.	1.2	42
80	In-situ localization and biochemical analysis of bio-molecules reveals Pb-stress amelioration in <i>Brassica juncea</i> L. by co-application of 24-Epibrassinolide and Salicylic Acid. <i>Scientific Reports</i> , 2019, 9, 3524.	3.3	42
81	Differential distribution of polyphenols in plants using multivariate techniques. <i>Biotechnology Research and Innovation</i> , 2019, 3, 1-21.	0.9	42
82	Pollution assessment and spatial distribution of roadside agricultural soils: a case study from India. <i>International Journal of Environmental Health Research</i> , 2020, 30, 146-159.	2.7	42
83	Enthralling the impact of engineered nanoparticles on soil microbiome: A concentric approach towards environmental risks and cogitation. <i>Ecotoxicology and Environmental Safety</i> , 2021, 222, 112459.	6.0	42
84	The Common Molecular Players in Plant Hormone Crosstalk and Signaling. <i>Current Protein and Peptide Science</i> , 2015, 16, 369-388.	1.4	42
85	Isolation of 24-epibrassinolide from leaves of <i>Aegle marmelos</i> and evaluation of its antigenotoxicity employing <i>Allium cepa</i> chromosomal aberration assay. <i>Plant Growth Regulation</i> , 2008, 54, 217-224.	3.4	41
86	28-Homobrassinolide alleviates oxidative stress in salt-treated maize (<i>Zea mays</i> L.) plants. <i>Brazilian Journal of Plant Physiology</i> , 2008, 20, 153-157.	0.5	40
87	Epibrassinolide-imidacloprid interaction enhances non-enzymatic antioxidants in <i>Brassica juncea</i> L.. <i>Indian Journal of Plant Physiology</i> , 2016, 21, 70-75.	0.8	39
88	Analysis of Brassinosteroids in Plants. <i>Journal of Plant Growth Regulation</i> , 2017, 36, 1002-1030.	5.1	38
89	Brassinosteroids Regulate Functional Components of Antioxidative Defense System in Salt Stressed Maize Seedlings. <i>Journal of Plant Growth Regulation</i> , 2020, 39, 1465-1475.	5.1	38
90	Effect of earthworms on growth, photosynthetic efficiency and metal uptake in <i>Brassica juncea</i> L. plants grown in cadmium-polluted soils. <i>Environmental Science and Pollution Research</i> , 2017, 24, 13452-13465.	5.3	37

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91	Detection and disinfection of COVID-19 virus in wastewater. <i>Environmental Chemistry Letters</i> , 2021, 19, 1917-1933.	16.2	37
92	Fascinating regulatory mechanism of silicon for alleviating drought stress in plants. <i>Plant Physiology and Biochemistry</i> , 2021, 166, 1044-1053.	5.8	36
93	Effect of 24-epibrassinolide on growth, protein content and antioxidative defense system of <i>Brassica juncea</i> L. subjected to cobalt ion toxicity. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 2007-2017.	2.1	35
94	Role of earthworms in phytoremediation of cadmium (Cd) by modulating the antioxidative potential of <i>Brassica juncea</i> L.. <i>Applied Soil Ecology</i> , 2018, 124, 306-316.	4.3	35
95	Heavy metal induced regulation of plant biology: Recent insights. <i>Physiologia Plantarum</i> , 2022, 174, e13688.	5.2	35
96	Effects of 24-epibrassinolide and 28-homobrassinolide on the growth and antioxidant enzyme activities in the seedlings of <i>Brassica juncea</i> L.. <i>Physiology and Molecular Biology of Plants</i> , 2009, 15, 335-341.	3.1	34
97	Mitigation of adverse effects of chlorpyrifos by 24-epibrassinolide and analysis of stress markers in a rice variety Pusa Basmati-1. <i>Ecotoxicology and Environmental Safety</i> , 2012, 85, 72-81.	6.0	33
98	Ecological and human health risks appraisal of metal(loid)s in agricultural soils: a review. , 2021, 5, 173-185.		33
99	Effect of 28-homobrassinolide on growth, zinc metal uptake and antioxidative enzyme activities in <i>Brassica juncea</i> L. seedlings. <i>Brazilian Journal of Plant Physiology</i> , 2007, 19, 203-210.	0.5	30
100	Plant Signaling Under Abiotic Stress Environment. , 2012, , 297-323.		29
101	Responses of Phytochelatins and Metallothioneins in Alleviation of Heavy Metal Stress in Plants. , 2016, , 263-283.		29
102	Cd induced generation of free radical species in <i>Brassica juncea</i> is regulated by supplementation of earthworms in the drilosphere. <i>Science of the Total Environment</i> , 2019, 655, 663-675.	8.0	29
103	Foliar Application of 24-Epibrassinolide Improves Growth, Ascorbate-Glutathione Cycle, and Glyoxalase System in Brown Mustard (<i>Brassica juncea</i> (L.) Czern.) under Cadmium Toxicity. <i>Plants</i> , 2020, 9, 1487.	3.5	29
104	ROS Signaling in Plants Under Heavy Metal Stress. , 2017, , 185-214.		28
105	Co-application of 6-ketone type brassinosteroid and metal chelator alleviates cadmium toxicity in <i>B. juncea</i> L.. <i>Environmental Science and Pollution Research</i> , 2017, 24, 685-700.	5.3	28
106	Analysis of organic acids of tricarboxylic acid cycle in plants using GC-MS, and system modeling. <i>Journal of Analytical Science and Technology</i> , 2017, 8, .	2.1	28
107	Multivariate analysis on the distribution of elements in plants. <i>Acta Physiologiae Plantarum</i> , 2018, 40, 1.	2.1	28
108	Microbial Fortification Improved Photosynthetic Efficiency and Secondary Metabolism in <i>Lycopersicon esculentum</i> Plants Under Cd Stress. <i>Biomolecules</i> , 2019, 9, 581.	4.0	28

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109	Insights into the Role of <i>Streptomyces hydrogenans</i> as the Plant Growth Promoter, Photosynthetic Pigment Enhancer and Biocontrol Agent against <i>Meloidogyne incognita</i> in <i>Solanum lycopersicum</i> Seedlings. <i>Plants</i> , 2020, 9, 1109.	3.5	28
110	A tabulated review on distribution of heavy metals in various plants. <i>Environmental Science and Pollution Research</i> , 2017, 24, 2210-2260.	5.3	27
111	GC-MS studies reveal stimulated pesticide detoxification by brassinolide application in <i>Brassica juncea</i> L. plants. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14518-14525.	5.3	26
112	Seed Priming with Jasmonic Acid Counteracts Root Knot Nematode Infection in Tomato by Modulating the Activity and Expression of Antioxidative Enzymes. <i>Biomolecules</i> , 2020, 10, 98.	4.0	26
113	Scrutinizing the impact of water deficit in plants: Transcriptional regulation, signaling, photosynthetic efficacy, and management. <i>Physiologia Plantarum</i> , 2021, 172, 935-962.	5.2	26
114	Regulation of growth and antioxidant enzyme activities by 28-homobrassinolide in seedlings of <i>Raphanus sativus</i> L. under cadmium stress. <i>Indian Journal of Biochemistry and Biophysics</i> , 2010, 47, 172-7.	0.0	26
115	Amelioration of Chromium-Induced Oxidative Stress by Combined Treatment of Selected Plant-Growth-Promoting Rhizobacteria and Earthworms via Modulating the Expression of Genes Related to Reactive Oxygen Species Metabolism in <i>Brassica juncea</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 802512.	3.5	25
116	Exploiting the Allelopathic Potential of Aqueous Leaf Extracts of <i>Artemisia absinthium</i> and <i>Psidium guajava</i> against <i>Parthenium hysterophorus</i> , a Widespread Weed in India. <i>Plants</i> , 2019, 8, 552.	3.5	24
117	Wonder or evil?: Multifaceted health hazards and health benefits of <i>Cannabis sativa</i> and its phytochemicals. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 7290-7313.	3.8	24
118	Agroecotoxicological Aspect of Cd in Soil-Plant System: Uptake, Translocation and Amelioration Strategies. <i>Environmental Science and Pollution Research</i> , 2022, 29, 30908-30934.	5.3	24
119	Enhancing effects of 24-epibrassinolide and Putrescine on the antioxidant capacity and free radical scavenging activity of <i>Raphanus sativus</i> seedlings under Cu ion stress. <i>Acta Physiologiae Plantarum</i> , 2011, 33, 1319-1333.	2.1	23
120	Involvement of Asada-Halliwell Pathway During Phytoremediation of Chromium (VI) in <i>Brassica juncea</i> L. <i>Plants. International Journal of Phytoremediation</i> , 2015, 17, 1237-1243.	3.1	23
121	Biochemical markers for prolongation of the acute stress of triclosan in the early life stages of four food fishes. <i>Chemosphere</i> , 2020, 247, 125914.	8.2	23
122	In-vitro antioxidant, antimutagenic and cancer cell growth inhibition activities of <i>Rhododendron arboreum</i> leaves and flowers. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1788-1796.	3.8	23
123	Isolation and characterization of brassinosteroids from immature seeds of <i>Camellia sinensis</i> (O) Kuntze. <i>Plant Growth Regulation</i> , 2007, 53, 1-5.	3.4	22
124	Isolation of Phytochemicals from <i>Bauhinia variegata</i> L. Bark and Their In Vitro Antioxidant and Cytotoxic Potential. <i>Antioxidants</i> , 2019, 8, 492.	5.1	22
125	New indices regarding the dominance and diversity of communities, derived from sample variance and standard deviation. <i>Heliyon</i> , 2019, 5, e02606.	3.2	22
126	5-aminolevulinic acid regulates Krebs cycle, antioxidative system and gene expression in <i>Brassica juncea</i> L. to confer tolerance against lead toxicity. <i>Journal of Biotechnology</i> , 2020, 323, 283-292.	3.8	22

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127	Mitigating Cadmium Toxicity in Plants by Phytohormones. , 2019, , 375-396.		21
128	Effect of Rhododendron arboreum Leaf Extract on the Antioxidant Defense System against Chromium (VI) Stress in Vigna radiata Plants. Plants, 2020, 9, 164.	3.5	21
129	Plants-nematodes-microbes crosstalk within soil: A trade-off among friends or foes. Microbiological Research, 2021, 248, 126755.	5.3	21
130	Changes induced by Cu ²⁺ and Cr ⁶⁺ metal stress in polyamines, auxins, abscisic acid titers and antioxidative enzymes activities of radish seedlings. Brazilian Journal of Plant Physiology, 2010, 22, 263-270.	0.5	20
131	28-Homobrassinolide alters protein content and activities of glutathione-S-transferase and polyphenol oxidase in Raphanus sativus L. plants under heavy metal stress. Toxicology International, 2014, 21, 45.	0.1	20
132	28-Homobrassinolide potential for oxidative interface in Brassica juncea under temperature stress. Acta Physiologiae Plantarum, 2017, 39, 1.	2.1	20
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