Nasim Ahmad Yasin

List of Publications by Year
in descending order

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67 papers	1,730 citations	377584 21 h-index	388640 36 g-index
72 all docs	72 docs citations	72 times ranked	1279 citing authors

#	Article	IF	Citations
1	Potassium silicate and zinc oxide nanoparticles modulate antioxidant system, membranous H. Functional Plant Biology, 2023, 50, 146-159.	1.1	9
2	Role of magnesium oxide nanoparticles in the mitigation of lead-induced stress in Daucus carota: modulation in polyamines and antioxidant enzymes. International Journal of Phytoremediation, 2022, 24, 364-372.	1.7	31
3	Heavy metal and organic pollutants removal from water using bilayered polydopamine composite of sandwiched graphene Nanosheets: One solution for two obstacles. Separation and Purification Technology, 2022, 280, 119711.	3.9	15
4	Selenium nanoparticles reduced cadmium uptake, regulated nutritional homeostasis and antioxidative system in Coriandrum sativum grown in cadmium toxic conditions. Chemosphere, 2022, 287, 132332.	4.2	67
5	Role of exogenously applied putrescine in amelioration of cadmium stress in Coriandrum sativum by modulating antioxidant system. International Journal of Phytoremediation, 2022, 24, 955-962.	1.7	16
6	Titanium dioxide nanoparticles mitigate cadmium toxicity in Coriandrum sativum L. through modulating antioxidant system, stress markers and reducing cadmium uptake. Environmental Pollution, 2022, 292, 118373.	3.7	58
7	Exogenous application of liquiritin alleviated salt stress and improved growth of Chinese kale plants. Scientia Horticulturae, 2022, 294, 110762.	1.7	11
8	Synergistic application of silver nanoparticles and indole acetic acid alleviate cadmium induced stress and improve growth of Daucus carota L. Chemosphere, 2022, 290, 133200.	4.2	37
9	Comparative transcriptomics reveals defense acquisition in Brassica rapa by synchronizing brassinosteroids metabolism with PR1 expression. European Journal of Plant Pathology, 2022, 162, 869-884.	0.8	2
10	Spermine-mediated polyamine metabolism enhances arsenic-stress tolerance in Phaseolus vulgaris by expression of zinc-finger proteins related genes and modulation of mineral nutrient homeostasis and antioxidative system. Environmental Pollution, 2022, 300, 118941.	3.7	26
11	Hydrogen sulphide alleviates cadmium stress in Trigonella foenumâ€graecum by modulating antioxidant enzymes and polyamine content. Plant Biology, 2022, 24, 618-626.	1.8	20
12	Pathogenicity factors of Phytophthora melonis revealed by comparative proteomics. Journal of Plant Interactions, 2022, 17, 183-197.	1.0	0
13	Alleviation of cadmium phytotoxicity in triacontanol treated Coriandrum sativum L. by modulation of physiochemical attributes, oxidative stress biomarkers and antioxidative system. Chemosphere, 2022, 295, 133924.	4.2	22
14	Iron Oxide and Silicon Nanoparticles Modulate Mineral Nutrient Homeostasis and Metabolism in Cadmium-Stressed Phaseolus vulgaris. Frontiers in Plant Science, 2022, 13, 806781.	1.7	28
15	Calcium Nanoparticles Impregnated With Benzenedicarboxylic Acid: A New Approach to Alleviate Combined Stress of DDT and Cadmium in Brassica alboglabra by Modulating Bioacummulation, Antioxidative Machinery and Osmoregulators. Frontiers in Plant Science, 2022, 13, 825829.	1.7	14
16	Iron oxide nanoparticles and selenium supplementation improve growth and photosynthesis by modulating antioxidant system and gene expression of chlorophyll synthase (CHLG) and protochlorophyllide oxidoreductase (POR) in arsenic-stressed Cucumis melo. Environmental Pollution, 2022, 307, 119413.	3.7	27
17	Enhanced performance of Bacillus megaterium OSR-3 in combination with putrescine ammeliorated hydrocarbon stress in Nicotiana tabacum. International Journal of Phytoremediation, 2021, 23, 119-129.	1.7	25
18	Synergistic effects of nitric oxide and silicon on promoting plant growth, oxidative stress tolerance and reduction of arsenic uptake in Brassica juncea. Chemosphere, 2021, 262, 128384.	4.2	102

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19	Hydrogen sulfide mitigates cadmium induced toxicity in Brassica rapa by modulating physiochemical attributes, osmolyte metabolism and antioxidative machinery. Chemosphere, 2021, 263, 127999.	4.2	44
20	Dopamine Alleviates Hydrocarbon Stress in Brassica oleracea through Modulation of Physio-Biochemical Attributes and Antioxidant Defense Systems. Chemosphere, 2021, 270, 128633.	4.2	27
21	Ameliorative role of FBL-10 and silicon against lead induced stress in Solanum melongena. Plant Physiology and Biochemistry, 2021, 158, 486-496.	2.8	31
22	Combined effect of Bacillus fortis IAGS 223 and zinc oxide nanoparticles to alleviate cadmium phytotoxicity in Cucumis melo. Plant Physiology and Biochemistry, 2021, 158, 1-12.	2.8	58
23	Karrikinolide alleviates BDE-28, heat and Cd stressors in Brassica alboglabra by correlating and modulating biochemical attributes, antioxidative machinery and osmoregulators. Ecotoxicology and Environmental Safety, 2021, 213, 112047.	2.9	22
24	4-Hydroxymelatonin alleviates nickel stress, improves physiochemical traits of Solanum melongena: Regulation of polyamine metabolism and antioxidative enzyme. Scientia Horticulturae, 2021, 282, 110036.	1.7	8
25	Mitigation of bacterial spot disease induced biotic stress in Capsicum annuum L. cultivars via antioxidant enzymes and isoforms. Scientific Reports, 2021, 11, 9445.	1.6	15
26	Seed priming with karrikinolide improves growth and physiochemical features of coriandrum sativum under cadmium stress. Environmental Advances, 2021, 5, 100082.	2.2	13
27	Metabolomic and Pharmacologic Insights of Aerial and Underground Parts of Glycyrrhiza uralensis Fisch. ex DC. for Maximum Utilization of Medicinal Resources. Frontiers in Pharmacology, 2021, 12, 658670.	1.6	9
28	Liquiritoside Alleviated Pb Induced Stress in Brassica rapa subsp. Parachinensis: Modulations in Glucosinolate Content and Some Physiochemical Attributes. Frontiers in Plant Science, 2021, 12, 722498.	1.7	11
29	Silicon assisted ameliorative effects of iron nanoparticles against cadmium stress: Attaining new equilibrium among physiochemical parameters, antioxidative machinery, and osmoregulators of Phaseolus lunatus. Plant Physiology and Biochemistry, 2021, 166, 874-886.	2.8	26
30	Mechanical strengthening and metabolic re-modulations are involved in protection against Fusarium wilt of tomato by B. subtilis IAGS174. Journal of Plant Interactions, 2021, 16, 411-421.	1.0	14
31	2-Hydroxymelatonin induced nutritional orchestration in Cucumis sativus under cadmium toxicity: modulation of non-enzymatic antioxidants and gene expression. International Journal of Phytoremediation, 2020, 22, 497-507.	1.7	24
32	2-Hydroxymelatonin mitigates cadmium stress in cucumis sativus seedlings: Modulation of antioxidant enzymes and polyamines. Chemosphere, 2020, 243, 125308.	4.2	79
33	Liquiritin elicitation can increase the content of medicinally important glucosinolates and phenolic compounds in Chinese kale plants. Journal of the Science of Food and Agriculture, 2020, 100, 1616-1624.	1.7	16
34	Synergistic Effect of Bacillus thuringiensis IAGS 199 and Putrescine on Alleviating Cadmium-Induced Phytotoxicity in Capsicum annum. Plants, 2020, 9, 1512.	1.6	31
35	Butanolide alleviated cadmium stress by improving plant growth, photosynthetic parameters and antioxidant defense system of brassica oleracea. Chemosphere, 2020, 261, 127728.	4.2	57
36	Synergistic ameliorative effect of iron oxide nanoparticles and Bacillus subtilis S4 against arsenic toxicity in Cucurbita moschata: polyamines, antioxidants, and physiochemical studies. International Journal of Phytoremediation, 2020, 22, 1408-1419.	1.7	49

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37	Ameliorative effect of co-application of Bradyrhizobium japonicum EI09 and Se to mitigate chromium stress in Capsicum annum L.. International Journal of Phytoremediation, 2020, 22, 1396-1407.	1.7	24
38	Quantitative and qualitative assessment of musculoskeletal disorders and socioeconomic issues of workers of brick industry in Pakistan. International Journal of Industrial Ergonomics, 2020, 76, 102933.	1.5	20
39	Occurrence of head rot disease caused by Fusarium verticillioides on Chinese flowering cabbage (Brassica rapa L subsp. parachinensis) in China. Crop Protection, 2020, 134, 105180.	1.0	6
40	Seed priming with 3-epibrassinolide alleviates cadmium stress in Cucumis sativus through modulation of antioxidative system and gene expression. Scientia Horticulturae, 2020, 265, 109203.	1.7	16
41	First Report of Fusarium nelsonii Causing Early-Stage Fruit Blight of Cucumber in Guangzhou, China. Plant Disease, 2020, 104, 1542.	0.7	6
42	Biogas Synthesis from Leather Industry Solid Waste in Pakistan. Polish Journal of Environmental Studies, 2020, 29, 3621-3628.	0.6	2
43	First Report of Stem Rot of Taro Caused by Pythium ultimum in China. Plant Disease, 2020, 104, 995.	0.7	2
44	Bacillus megaterium strain A12 ameliorates salinity stress in tomato plants through multiple mechanisms. Journal of Plant Interactions, 2019, 14, 506-518.	1.0	36
45	Benzenedicarboxylic acid upregulates O48814 and Q9FJQ8 for improved nutritional contents of tomato and low risk of fungal attack. Journal of the Science of Food and Agriculture, 2019, 99, 6139-6154.	1.7	11
46	Genome-wide association studies of seven agronomic traits under two sowing conditions in bread wheat. BMC Plant Biology, 2019, 19, 149.	1.6	68
47	24-epibrassinolide triggers cadmium stress mitigation in Cucumis sativus through intonation of antioxidant system. South African Journal of Botany, 2019, 127, 349-360.	1.2	20
48	First Report of Stem and Root Rot of Chinese Kale Caused by Fusarium incarnatum-equiseti Species Complex in China. Plant Disease, 2019, 103, 1781.	0.7	4
49	Role of Burkholderia cepacia CS8 in Cd-stress alleviation and phytoremediation by Catharanthus roseus. International Journal of Phytoremediation, 2018, 20, 581-592.	1.7	39
50	Amelioration of cadmium stress in gladiolus (Gladiolus grandiflora L.) by application of potassium and silicon. Journal of Plant Nutrition, 2018, 41, 461-476.	0.9	48
51	Modelling of cotton leaf curl viral infection in Pakistan and its correlation with meteorological factors up to 2015. Climate and Development, 2018, 10, 520-525.	2.2	13
52	The beneficial role of potassium in Cd-induced stress alleviation and growth improvement inGladiolus grandifloraL.. International Journal of Phytoremediation, 2018, 20, 274-283.	1.7	46
53	Imperative roles of halotolerant plant growth-promoting rhizobacteria and kinetin in improving salt tolerance and growth of black gram (Phaseolus mungo). Environmental Science and Pollution Research, 2018, 25, 4491-4505.	2.7	50
54	Genetic diversity and biogeography of T. officinale inferred from multi locus sequence typing approach. PLoS ONE, 2018, 13, e0203275.	1.1	3

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55	Halotolerant plant-growth promoting rhizobacteria modulate gene expression and osmolyte production to improve salinity tolerance and growth in Capsicum annum L.. Environmental Science and Pollution Research, 2018, 25, 23236-23250.	2.7	92
56	Effect of Enterobacter sp. CS2 and EDTA on the Phytoremediation of Ni-contaminated Soil by Impatiens balsamina. Polish Journal of Environmental Studies, 2018, 28, 425-433.	0.6	11
57	Role of Acinetobacter sp. CS9 in Improving Growth and Phytoremediation Potential of Catharanthus longifolius under Cadmium Stress. Polish Journal of Environmental Studies, 2018, 28, 435-443.	0.6	22
58	Application ofBacillus megateriumMCR-8 improved phytoextraction and stress alleviation of nickel inVinca rosea. International Journal of Phytoremediation, 2017, 19, 813-824.	1.7	63
59	Effect of Pseudomonas fluorescens RB4 and Bacillus subtilis 189 on the phytoremediation potential of Catharanthus roseus (L.) in Cu and Pb-contaminated soils. International Journal of Phytoremediation, 2017, 19, 514-521.	1.7	32
60	Role of Ni-tolerantBacillusspp. andAlthea roseaL. in the phytoremediation of Ni-contaminated soils. International Journal of Phytoremediation, 2017, 19, 470-477.	1.7	25
61	Comparative Physiological and Morphological Characterization of Salt Tolerance in Raphanus sativus L.. Journal of Plant Biochemistry & Physiology, 2017, 05, .	0.5	0
62	Survey and Pathogenicity of Black Spot Disease of Rose in Pakistan. Journal of Horticulture, 2016, 03, .	0.3	0
63	Tomato Plant Proteins Actively Responding to Fungal Applications and Their Role in Cell Physiology. Frontiers in Physiology, 2016, 7, 257.	1.3	16
64	Induction of defence-related biochemicals by rhizosphere bacteria against black spot disease of rose. Biological Agriculture and Horticulture, 2016, 32, 34-46.	0.5	6
65	Analysis of Microbial Biochemical Inducting Nutritional Contents in Barley. Journal of Microbial & Biochemical Technology, 2016, 08, .	0.2	1
66	Matrix Effects in Cellulose. , 2014, 4, .		0
67	First report of Alternaria brassicicola causing leaf spots on garlic, an important food and medicinal plant. Journal of Medicinal Botany, 0, 1, 08.	0.0	1