

Humaira Yasmin

List of Publications by Year in descending order

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57
papers

1,837
citations

270111

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355658

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59
docs citations

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times ranked

1245
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#	ARTICLE	IF	CITATIONS
1	Drought-tolerant <i>Bacillus megaterium</i> isolated from semi-arid conditions induces systemic tolerance of wheat under drought conditions. <i>Plant Cell Reports</i> , 2022, 41, 549-569.	2.8	62
2	Choline Chloride Mediates Chromium Tolerance in Spinach (<i>Spinacia oleracea</i> L.) by Restricting its Uptake in Relation to Morpho-physio-biochemical Attributes. <i>Journal of Plant Growth Regulation</i> , 2022, 41, 1594-1614.	2.8	32
3	Drought-tolerant <i>Pseudomonas</i> sp. showed differential expression of stress-responsive genes and induced drought tolerance in <i>Arabidopsis thaliana</i> . <i>Physiologia Plantarum</i> , 2022, 174, .	2.6	47
4	Phosphate solubilizing bacteria enhanced growth, oil yield, antioxidant properties and biodiesel quality of Kasumbha. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 43-52.	1.8	6
5	Efficacy of citric acid chelate and <i>Bacillus</i> sp. in amelioration of cadmium and chromium toxicity in wheat. <i>Chemosphere</i> , 2022, 290, 133342.	4.2	29
6	Comparative analysis of iron oxide nanoparticles synthesized from ginger (<i>Zingiber officinale</i>) and cumin seeds (<i>Cuminum cyminum</i>) to induce resistance in wheat against drought stress. <i>Chemosphere</i> , 2022, 292, 133201.	4.2	40
7	Ameliorative effects of plant growth promoting bacteria, zinc oxide nanoparticles and oxalic acid on <i>Luffa acutangula</i> grown on arsenic enriched soil. <i>Environmental Pollution</i> , 2022, 300, 118889.	3.7	35
8	Co application of biofertilizer and zinc oxide nanoparticles upregulate protective mechanism culminating improved arsenic resistance in maize. <i>Chemosphere</i> , 2022, 294, 133796.	4.2	24
9	Comparative Analysis of Microbial Consortiums and Nanoparticles for Rehabilitating Petroleum Waste Contaminated Soils. <i>Molecules</i> , 2022, 27, 1945.	1.7	4
10	Coactive role of zinc oxide nanoparticles and plant growth promoting rhizobacteria for mitigation of synchronized effects of heat and drought stress in wheat plants. <i>Chemosphere</i> , 2022, 297, 133982.	4.2	50
11	Regulatory role of microbial inoculants to induce salt stress tolerance in horticulture crops. , 2022, , 125-155.		1
12	Heavy Metal-Resistant Plant Growth-Promoting <i>Citrobacter werkmanii</i> Strain WWN1 and <i>Enterobacter cloacae</i> Strain JWM6 Enhance Wheat (<i>Triticum aestivum</i> L.) Growth by Modulating Physiological Attributes and Some Key Antioxidants Under Multi-Metal Stress. <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	14
13	Effects of 24-epibrassinolide on plant growth, antioxidants defense system, and endogenous hormones in two wheat varieties under drought stress. <i>Physiologia Plantarum</i> , 2021, 172, 696-706.	2.6	89
14	Light contributes to salt resistance through GAI protein regulation in <i>Arabidopsis thaliana</i> . <i>Plant Physiology and Biochemistry</i> , 2021, 159, 1-11.	2.8	2
15	Volatile organic compounds produced by <i>Pseudomonas pseudoalcaligenes</i> alleviated drought stress by modulating defense system in maize (<i>Zea mays</i> L.). <i>Physiologia Plantarum</i> , 2021, 172, 896-911.	2.6	51
16	Induction of defense-related enzymes and enhanced disease resistance in maize against <i>Fusarium verticillioides</i> by seed treatment with <i>Jacaranda mimosifolia</i> formulations. <i>Scientific Reports</i> , 2021, 11, 59.	1.6	30
17	Combined ability of salicylic acid and spermidine to mitigate the individual and interactive effects of drought and chromium stress in maize (<i>Zea mays</i> L.). <i>Plant Physiology and Biochemistry</i> , 2021, 159, 285-300.	2.8	57
18	Comparison of plant growth and remediation potential of pyrochar and thermal desorption for crude oil-contaminated soils. <i>Scientific Reports</i> , 2021, 11, 2817.	1.6	11

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19	Foliar application of ascorbic acid enhances salinity stress tolerance in barley (<i>Hordeum vulgare</i> L.) through modulation of morpho-physio-biochemical attributes, ions uptake, osmo-protectants and stress response genes expression. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4276-4290.	1.8	67
20	Role of <i>Bacillus cereus</i> in Improving the Growth and Phytoextractability of <i>Brassica nigra</i> (L.) K. Koch in Chromium Contaminated Soil. <i>Molecules</i> , 2021, 26, 1569.	1.7	52
21	Sodium nitroprusside application improves morphological and physiological attributes of soybean (<i>Glycine max</i> L.) under salinity stress. <i>PLoS ONE</i> , 2021, 16, e0248207.	1.1	41
22	Anatomical adaptations and ionic homeostasis in aquatic halophyte <i>Cyperus laevigatus</i> L. Under high salinities. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 2655-2666.	1.8	20
23	Combined application of zinc oxide nanoparticles and biofertilizer to induce salt resistance in safflower by regulating ion homeostasis and antioxidant defence responses. <i>Ecotoxicology and Environmental Safety</i> , 2021, 218, 112262.	2.9	66
24	Vegetable associated <i>Bacillus</i> spp. suppress the pea (<i>Pisum sativum</i> L.) root rot caused by <i>Fusarium solani</i> . <i>Biological Control</i> , 2021, 158, 104610.	1.4	18
25	Bacteria Isolated from Wastewater Irrigated Agricultural Soils Adapt to Heavy Metal Toxicity While Maintaining Their Plant Growth Promoting Traits. <i>Sustainability</i> , 2021, 13, 7792.	1.6	25
26	Antagonistic, Anti-oxidant, Anti-inflammatory and Anti-diabetic Probiotic Potential of <i>Lactobacillus agilis</i> Isolated From the Rhizosphere of the Medicinal Plants. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 6069-6076.	1.8	14
27	<i>Bacillus pumilus</i> induced tolerance of Maize (<i>Zea mays</i> L.) against Cadmium (Cd) stress. <i>Scientific Reports</i> , 2021, 11, 17196.	1.6	23
28	Synergistic effects of plant growth promoting rhizobacteria and silicon dioxide nano-particles for amelioration of drought stress in wheat. <i>Plant Physiology and Biochemistry</i> , 2021, 166, 160-176.	2.8	70
29	Exogenous silicon and hydrogen sulfide alleviates the simultaneously occurring drought stress and leaf rust infection in wheat. <i>Plant Physiology and Biochemistry</i> , 2021, 166, 558-571.	2.8	31
30	A strategy for mitigating avian colibacillosis disease using plant growth promoting rhizobacteria and green synthesized zinc oxide nanoparticles. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4957-4968.	1.8	6
31	Variation in archaeal and bacterial community profiles and their functional metabolic predictions under the influence of pure and mixed fertilizers in paddy soil. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 6077-6085.	1.8	4
32	<i>Pseudomonas</i> spp. Mediate defense response in sugarcane through differential exudation of root phenolics. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 7528-7538.	1.8	7
33	Glucanolytic rhizobacteria associated with wheat- maize cropping system suppress the <i>Fusarium</i> wilt of tomato (<i>Lycopersicon esculentum</i> L). <i>Scientia Horticulturae</i> , 2021, 287, 110275.	1.7	12
34	Deciphering role of technical bioprocess parameters for bioethanol production using microalgae. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 7595-7606.	1.8	16
35	Prevalence of Wheat Associated <i>Bacillus</i> spp. and Their Bio-Control Efficacy Against <i>Fusarium</i> Root Rot. <i>Frontiers in Microbiology</i> , 2021, 12, 798619.	1.5	13
36	Multitrait <i>Pseudomonas</i> spp. Isolated from Monocropped Wheat (<i>Triticum aestivum</i>) Suppress <i>Fusarium</i> Root and Crown Rot. <i>Phytopathology</i> , 2020, 110, 582-592.	1.1	30

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37	GC-MS analysis, antimicrobial, antioxidant, antilipoxygenase and cytotoxic activities of <i>Jacaranda mimosifolia</i> methanol leaf extracts and fractions. <i>PLoS ONE</i> , 2020, 15, e0236319.	1.1	31
38	Rhizobacteria Isolated from Saline Soil Induce Systemic Tolerance in Wheat (<i>Triticum aestivum</i> L.) against Salinity Stress. <i>Agronomy</i> , 2020, 10, 989.	1.3	43
39	Identification of New Biocontrol Agent against Charcoal Rot Disease Caused by <i>Macrophomina phaseolina</i> in Soybean (<i>Glycine max</i> L.). <i>Sustainability</i> , 2020, 12, 6856.	1.6	29
40	Water Conservation and Plant Survival Strategies of Rhizobacteria under Drought Stress. <i>Agronomy</i> , 2020, 10, 1683.	1.3	56
41	Exopolysaccharides Producing Bacteria for the Amelioration of Drought Stress in Wheat. <i>Sustainability</i> , 2020, 12, 8876.	1.6	110
42	Combined seed and foliar pre-treatments with exogenous methyl jasmonate and salicylic acid mitigate drought-induced stress in maize. <i>PLoS ONE</i> , 2020, 15, e0232269.	1.1	103
43	Halotolerant rhizobacteria <i>Pseudomonas pseudoalcaligenes</i> and <i>Bacillus subtilis</i> mediate systemic tolerance in hydroponically grown soybean (<i>Glycine max</i> L.) against salinity stress. <i>PLoS ONE</i> , 2020, 15, e0231348.	1.1	82
44	Co-application of bio-fertilizer and salicylic acid improves growth, photosynthetic pigments and stress tolerance in wheat under drought stress. <i>PeerJ</i> , 2020, 8, e9960.	0.9	37
45	Nutritional value of <i>Sesamum indicum</i> L. was improved by <i>Azospirillum</i> and <i>Azotobacter</i> under low input of NP fertilizers. <i>BMC Plant Biology</i> , 2019, 19, 466.	1.6	9
46	Changes in pathogenesis-related gene expression in response to bioformulations in the apoplast of maize leaves against <i>Fusarium oxysporum</i> . <i>Journal of Plant Interactions</i> , 2019, 14, 61-72.	1.0	21
47	Glucanolytic Rhizobacteria Produce Antifungal Metabolites and Elicit ROS Scavenging System in Sugarcane. <i>Sugar Tech</i> , 2019, 21, 244-255.	0.9	13
48	Regulatory Role of Rhizobacteria to Induce Drought and Salt Stress Tolerance in Plants. <i>Sustainable Development and Biodiversity</i> , 2019, , 279-335.	1.4	12
49	Antagonistic <i>Bacillus</i> spp. reduce blast incidence on rice and increase grain yield under field conditions. <i>Microbiological Research</i> , 2018, 208, 54-62.	2.5	21
50	<i>Pseudomonas putida</i> improved soil enzyme activity and growth of kasumbha under low input of mineral fertilizers. <i>Soil Science and Plant Nutrition</i> , 2018, 64, 520-525.	0.8	15
51	Botanical-chemical formulations enhanced yield and protection against <i>Bipolaris sorokiniana</i> in wheat by inducing the expression of pathogenesis-related proteins. <i>PLoS ONE</i> , 2018, 13, e0196194.	1.1	23
52	Improvement of safflower oil quality for biodiesel production by integrated application of PGPR under reduced amount of NP fertilizers. <i>PLoS ONE</i> , 2018, 13, e0201738.	1.1	16
53	tryptophan-assisted PGPR-mediated induction of drought tolerance in maize (<i>Zea mays</i> L.). <i>Journal of Plant Interactions</i> , 2017, 12, 567-578.	1.0	61
54	Protein Quantity and Quality of Safflower Seed Improved by NP Fertilizer and Rhizobacteria (<i>Azospirillum</i> and <i>Azotobacter</i> spp.). <i>Frontiers in Plant Science</i> , 2016, 7, 104.	1.7	38

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55	Anatomical and physiological adaptations in aquatic ecotypes of <i>Cyperus alopecuroides</i> Rottb. under saline and waterlogged conditions. <i>Aquatic Botany</i> , 2014, 116, 60-68.	0.8	13
56	Growth promotion by P-solubilizing, siderophore and bacteriocin producing rhizobacteria in <i>Zea mays</i> L.. <i>Journal of Medicinal Plants Research</i> , 2012, 6, .	0.2	1
57	Effect of plant growth promoting rhizobacteria on root morphology of Safflower (<i>Carthamus</i>) Tj ETQq1 1 0.784314 rrgBT /Overlock 10	0.5	4