

Shahbaz Khan

List of Publications by Year in descending order

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62
papers

1,325
citations

361296

20
h-index

414303

32
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63
all docs

63
docs citations

63
times ranked

1325
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen Fertilization and Precipitation Affected Wheat Nitrogen Use Efficiency and Yield in the Semiarid Region of the Loess Plateau in China. <i>Journal of Soil Science and Plant Nutrition</i> , 2022, 22, 585-596.	1.7	6
2	Application of Moringa Leaf Extract as a Seed Priming Agent Enhances Growth and Physiological Attributes of Rice Seedlings Cultivated under Water Deficit Regime. <i>Plants</i> , 2022, 11, 261.	1.6	20
3	Foliar application of potassium and moringa leaf extract improves growth, physiology and productivity of kabuli chickpea grown under varying sowing regimes. <i>PLoS ONE</i> , 2022, 17, e0263323.	1.1	9
4	Application of natural and synthetic growth promoters improves the productivity and quality of quinoa crop through enhanced photosynthetic and antioxidant activities. <i>Plant Physiology and Biochemistry</i> , 2022, 182, 1-10.	2.8	7
5	Determining optimal nitrogen input rate on the base of fallow season precipitation to achieve higher crop water productivity and yield. <i>Agricultural Water Management</i> , 2021, 246, 106689.	2.4	12
6	Mitigation of Drought Stress and Yield Improvement in Wheat by Zinc Foliar Spray Relates to Enhanced Water Use Efficiency and Zinc Contents. <i>International Journal of Plant Production</i> , 2021, 15, 377-389.	1.0	14
7	The <i>Salicornia europaea</i> potential for phytoremediation of heavy metals in the soils under different times of wastewater irrigation in northwestern Iran. <i>Environmental Science and Pollution Research</i> , 2021, 28, 47605-47618.	2.7	11
8	Potential soil moisture deficit: A useful approach to save water with enhanced growth and productivity of wheat crop. <i>Journal of Water and Climate Change</i> , 2021, 12, 2515-2525.	1.2	5
9	Soil fertility, chemical properties, and pollutant removal efficiency of <i>Salicornia europaea</i> in response to different times and duration of wastewater irrigation. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 360.	1.3	2
10	Moringa leaf extract improves biochemical attributes, yield and grain quality of rice (<i>Oryza sativa</i> L.) under drought stress. <i>PLoS ONE</i> , 2021, 16, e0254452.	1.1	42
11	Optimizing the Wheat Seeding Rate for Wide-Space Sowing to Improve Yield and Water and Nitrogen Utilization. <i>International Journal of Plant Production</i> , 2021, 15, 553-562.	1.0	5
12	Effect of Water Stress on Grain Yield and Physiological Characters of Quinoa Genotypes. <i>Agronomy</i> , 2021, 11, 1934.	1.3	26
13	Characterizing Differences in Soil Water Content and Wheat Yield in Response to Tillage and Precipitation in the Dry, Normal, and Wet Years at the Loess Plateau. <i>International Journal of Plant Production</i> , 2021, 15, 655-668.	1.0	6
14	Brassinosteroids: Molecular and physiological responses in plant growth and abiotic stresses. <i>Plant Stress</i> , 2021, 2, 100029.	2.7	43
15	Defensive Impact of Foliar Applied Potassium Nitrate on Growth Linked with Improved Physiological and Antioxidative Activities in Sunflower (<i>Helianthus annuus</i> L.) Hybrids Grown under Salinity Stress. <i>Agronomy</i> , 2021, 11, 2076.	1.3	16
16	Exogenous application of moringa leaf extract improves growth, biochemical attributes, and productivity of late-sown quinoa. <i>PLoS ONE</i> , 2021, 16, e0259214.	1.1	9
17	Exogenous Application of Biostimulants and Synthetic Growth Promoters Improved the Productivity and Grain Quality of Quinoa Linked with Enhanced Photosynthetic Pigments and Metabolomics. <i>Agronomy</i> , 2021, 11, 2302.	1.3	10
18	Application of Zinc and Iron-Based Fertilizers Improves the Growth Attributes, Productivity, and Grain Quality of Two Wheat (<i>Triticum aestivum</i>) Cultivars. <i>Frontiers in Nutrition</i> , 2021, 8, 779595.	1.6	17

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19	Role of sepiolite for cadmium (Cd) polluted soil restoration and spinach growth in wastewater irrigated agricultural soil. <i>Journal of Environmental Management</i> , 2020, 258, 110020.	3.8	53
20	Inorganic fertilization improves quality and biomass of <i>Moringa oleifera</i> L.. <i>Agroforestry Systems</i> , 2020, 94, 975-983.	0.9	11
21	Foliar feeding of boron improves the productivity of cotton cultivars with enhanced boll retention percentage. <i>Journal of Plant Nutrition</i> , 2020, 43, 2411-2424.	0.9	6
22	Methods of Selenium Application Differentially Modulate Plant Growth, Selenium Accumulation and Speciation, Protein, Anthocyanins and Concentrations of Mineral Elements in Purple-Grained Wheat. <i>Frontiers in Plant Science</i> , 2020, 11, 1114.	1.7	45
23	Long-Term Effect of Heavy Metalâ€Polluted Wastewater Irrigation on Physiological and Ecological Parameters of <i>Salicornia europaea</i> L.. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 1574-1587.	1.7	26
24	Ridgeâ€furrow and filmâ€mulching sowing practices enhance enzyme activity and alter fungi communities. <i>Agronomy Journal</i> , 2020, 112, 4775-4787.	0.9	10
25	nirS-type denitrifying bacterial communities in relation to soil physicochemical conditions and soil depths of two montane riparian meadows in North China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 28899-28911.	2.7	5
26	Optimizing planting geometry for barley-Egyptian clover intercropping system in semi-arid sub-tropical climate. <i>PLoS ONE</i> , 2020, 15, e0233171.	1.1	14
27	Biofortification with Zinc and Iron Improves the Grain Quality and Yield of Wheat Crop. <i>International Journal of Plant Production</i> , 2020, 14, 501-510.	1.0	69
28	Soil water consumption, water use efficiency and winter wheat production in response to nitrogen fertilizer and tillage. <i>PeerJ</i> , 2020, 8, e8892.	0.9	11
29	Development of Drought-Tolerant Transgenic Wheat: Achievements and Limitations. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3350.	1.8	70
30	Crosstalk Between Plant miRNA and Heavy Metal Toxicity. , 2019, , 145-168.		11
31	Potential of zinc seed treatment in improving stand establishment, phenology, yield and grain biofortification of wheat. <i>Journal of Plant Nutrition</i> , 2019, 42, 1676-1692.	0.9	12
32	Assessment of Environment-friendly Usage of Spent Wash and its Nutritional Potential for Sugarcane Production. <i>Communications in Soil Science and Plant Analysis</i> , 2019, 50, 1239-1249.	0.6	6
33	Chelators induced uptake of cadmium and modulation of water relation, antioxidants, and photosynthetic traits of maize. <i>Environmental Science and Pollution Research</i> , 2019, 26, 17577-17590.	2.7	20
34	Effects of Organic and Inorganic Passivators on the Immobilization of Cadmium in Contaminated Soils: A Review. <i>Environmental Engineering Science</i> , 2019, 36, 986-998.	0.8	32
35	Zinc finger protein transcription factors: Integrated line of action for plant antimicrobial activity. <i>Microbial Pathogenesis</i> , 2019, 132, 141-149.	1.3	55
36	Effects of tillage practices on water consumption and grain yield of dryland winter wheat under different precipitation distribution in the loess plateau of China. <i>Soil and Tillage Research</i> , 2019, 191, 66-74.	2.6	56

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37	Subsoiling and Sowing Time Influence Soil Water Content, Nitrogen Translocation and Yield of Dryland Winter Wheat. <i>Agronomy</i> , 2019, 9, 37.	1.3	22
38	Effective Role of Biochar, Zeolite and Steel Slag on Leaching Behavior of Cd and Its Fractionations in Soil Column Study. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 567-572.	1.3	13
39	Mechanisms and Adaptation Strategies to Improve Heat Tolerance in Rice. A Review. <i>Plants</i> , 2019, 8, 508.	1.6	37
40	Application of CSM-CROPGRO-Cotton model for cultivars and optimum planting dates: Evaluation in changing semi-arid climate. <i>Field Crops Research</i> , 2019, 238, 139-152.	2.3	67
41	Association of Her-2 Expression and Clinicopathological Parameters in Colorectal Carcinoma in Indian Population. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2019, 7, 6-11.	0.1	5
42	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.	1.6	63
43	Simulated CSM-CROPGRO-cotton yield under projected future climate by SimCLIM for southern Punjab, Pakistan. <i>Agricultural Systems</i> , 2018, 167, 213-222.	3.2	63
44	Impact of urea and farm yard manure on nitrate concentration in soil profile and productivity of wheat crop. <i>Journal of Plant Nutrition</i> , 2018, 41, 2683-2691.	0.9	8
45	The response of transgenic Brassica species to salt stress: a review. <i>Biotechnology Letters</i> , 2018, 40, 1159-1165.	1.1	19
46	COORDINATED IMPROVEMENT OF GRAIN YIELD AND PROTEIN CONTENT IN DRYLAND WHEAT BY SUBSOILING AND OPTIMUM PLANTING DENSITY. <i>Applied Ecology and Environmental Research</i> , 2018, 16, 7847-7866.	0.2	3
47	EXPLORATION OF SOIL MICROBIAL DIVERSITY IN RHIZOSPHERE OF SOME TRITICEAE SPECIES IN SHANXI, CHINA. <i>Applied Ecology and Environmental Research</i> , 2018, 16, 5933-5954.	0.2	0
48	Soaking seeds of winter rapeseed with Quizalofop-P-Ethyl alters plant growth and improves yield in a rice-rapeseed cropping system. <i>Field Crops Research</i> , 2017, 208, 11-17.	2.3	12
49	Growth promoting potential of fresh and stored <i>Moringa oleifera</i> leaf extracts in improving seedling vigor, growth and productivity of wheat crop. <i>Environmental Science and Pollution Research</i> , 2017, 24, 27601-27612.	2.7	44
50	Interactive effect of gibberellic acid and NPK fertilizer combinations on ramie yield and bast fibre quality. <i>Scientific Reports</i> , 2017, 7, 10647.	1.6	29
51	Impact of chelator-induced phytoextraction of cadmium on yield and ionic uptake of maize. <i>International Journal of Phytoremediation</i> , 2017, 19, 505-513.	1.7	29
52	Optimization of Nitrogen Rate and Planting Density for Improving Yield, Nitrogen Use Efficiency, and Lodging Resistance in Oilseed Rape. <i>Frontiers in Plant Science</i> , 2017, 8, 532.	1.7	56
53	Impact of different tillage practices on soil physical properties, nitrate leaching and yield attributes of maize (<i>Zea mays</i> L.). <i>Journal of Soil Science and Plant Nutrition</i> , 2017, , 0-0.	1.7	11
54	Screening of <i>Moringa</i> Landraces for Leaf Extract as Biostimulant in Wheat. <i>International Journal of Agriculture and Biology</i> , 2017, 19, 999-1006.	0.2	26

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55	Effects of Fertilization on Ramie (<i>Boehmeria nivea</i> L.) Growth, Yield and Fiber Quality. Sustainability, 2016, 8, 887.	1.6	10
56	Boron fertilization improves seed yield and harvest index of <i>Camelina sativa</i> L. by affecting source-sink. Journal of Plant Nutrition, 2016, 39, 1681-1687.	0.9	9
57	Success of transgenic cotton (<i>Gossypium hirsutum</i> L.): Fiction or reality?. Cogent Food and Agriculture, 2016, 2, .	0.6	6
58	Impact of natural and synthetic growth enhancers on the productivity and yield of quinoa (<i>Chenopodium quinoa</i> Willd.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 T Agronomy and Crop Science, 0, , .	1.7	10
59	Impact of Natural and Synthetic Plant Stimulants on Moringa Seedlings Grown under Low-Temperature Conditions. International Letters of Natural Sciences, 0, 76, 50-59.	1.0	7
60	Integrated Usage of Farm Yard Manure and Urea Improves Wheat Yield and Soil Properties. International Letters of Natural Sciences, 0, 80, 25-33.	1.0	0
61	Zinc coated urea enhanced the growth and quality of rice cultivated under aerobic and anaerobic culture. Journal of Plant Nutrition, 0, , 1-16.	0.9	1
62	Nitrogenous Fertilizer Coated With Zinc Improves the Productivity and Grain Quality of Rice Grown Under Anaerobic Conditions. Frontiers in Plant Science, 0, 13, .	1.7	2