

Shah Saud

List of Publications by Year in descending order

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75
papers

7,413
citations

81743

39
h-index

88477

70
g-index

76
all docs

76
docs citations

76
times ranked

5998
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of information and communication technology and financial development in shaping a low-carbon environment: a Belt and Road journey toward development. <i>Information Technology for Development</i> , 2023, 29, 83-102.	2.7	13
2	A controversy on the three fundamental growth determinants in selected CEE countries. <i>Environmental Science and Pollution Research</i> , 2022, 29, 19185-19198.	2.7	4
3	The physiological function and molecular mechanism of hydrogen sulfide resisting abiotic stress in plants. <i>Revista Brasileira De Botanica</i> , 2022, 45, 563-572.	0.5	7
4	Recognizing the Basics of Phytochrome-Interacting Factors in Plants for Abiotic Stress Tolerance. <i>Plant Stress</i> , 2022, 3, 100050.	2.7	11
5	Biochar Optimizes Wheat Quality, Yield, and Nitrogen Acquisition in Low Fertile Calcareous Soil Treated With Organic and Mineral Nitrogen Fertilizers. <i>Frontiers in Plant Science</i> , 2022, 13, 879788.	1.7	10
6	Structural insights of catalytic mechanism in mutant pyrazinamidase of <i>Mycobacterium tuberculosis</i> . <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 1-14.	2.0	5
7	Targeting salt stress coping mechanisms for stress tolerance in Brassica: A research perspective. <i>Plant Physiology and Biochemistry</i> , 2021, 158, 53-64.	2.8	51
8	Influence of semi-arid environment on radiation use efficiency and other growth attributes of lentil crop. <i>Environmental Science and Pollution Research</i> , 2021, 28, 13697-13711.	2.7	28
9	Effects of the nitrification inhibitor nitrapyrin and mulch on N ₂ O emission and fertilizer use efficiency using ¹⁵ N tracing techniques. <i>Science of the Total Environment</i> , 2021, 757, 143739.	3.9	21
10	Negative impact of long-term exposure of salinity and drought stress on native <i>Tetraena mandavillei</i> L. <i>Physiologia Plantarum</i> , 2021, 172, 1336-1351.	2.6	78
11	Effectiveness of Herbicide to Control Rice Weeds in Diverse Saline Environments. <i>Sustainability</i> , 2021, 13, 2053.	1.6	9
12	The effects of research and development and financial development on CO ₂ emissions: evidence from selected WAME economies. <i>Environmental Science and Pollution Research</i> , 2021, 28, 51149-51159.	2.7	57
13	Adaptation of functional traits and their plasticity of three ornamental trees growing in urban environment. <i>Scientia Horticulturae</i> , 2021, 286, 110248.	1.7	15
14	Nexus Between Financial Development, FDI, Globalization, Energy Consumption and Environment: Evidence From BRI Countries. <i>Frontiers in Energy Research</i> , 2021, 9, .	1.2	18
15	Heavy metals immobilization and improvement in maize (<i>Zea mays</i> L.) growth amended with biochar and compost. <i>Scientific Reports</i> , 2021, 11, 18416.	1.6	64
16	Turf performance and physiological responses of native <i>Poa</i> species to summer stress in Northeast China. <i>PeerJ</i> , 2021, 9, e12252.	0.9	7
17	Nitrogen assimilation and gene regulation of two Kentucky bluegrass cultivars differing in response to nitrate supply. <i>Scientia Horticulturae</i> , 2021, 288, 110315.	1.7	7
18	Antimicrobial, antioxidant and cytotoxic properties of <i>Chenopodium glaucum</i> L.. <i>PLoS ONE</i> , 2021, 16, e0255502.	1.1	8

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19	Relationship between the Chemical Composition and the Biological Functions of Coffee. <i>Molecules</i> , 2021, 26, 7634.	1.7	30
20	Developing the first halophytic turfgrasses for the urban landscape from native Arabian desert grass. <i>Environmental Science and Pollution Research</i> , 2020, 27, 39702-39716.	2.7	23
21	The role of financial development and globalization in the environment: Accounting ecological footprint indicators for selected one-belt-one-road initiative countries. <i>Journal of Cleaner Production</i> , 2020, 250, 119518.	4.6	326
22	Quantitative leaf anatomy and photophysiology systems of C3 and C4 turfgrasses in response to shading. <i>Scientia Horticulturae</i> , 2020, 274, 109674.	1.7	24
23	Coupling Phosphate-Solubilizing Bacteria with Phosphorus Supplements Improve Maize Phosphorus Acquisition and Growth under Lime Induced Salinity Stress. <i>Plants</i> , 2020, 9, 900.	1.6	143
24	Transport CO2 emissions, drivers, and mitigation: an empirical investigation in India. <i>Air Quality, Atmosphere and Health</i> , 2020, 13, 1367-1374.	1.5	55
25	Beneficial Effects of Mixing Kentucky Bluegrass With Red Fescue via Plant-Soil Interactions in Black Soil of Northeast China. <i>Frontiers in Microbiology</i> , 2020, 11, 556118.	1.5	7
26	Phosphorus Nutrient Management through Synchronization of Application Methods and Rates in Wheat and Maize Crops. <i>Plants</i> , 2020, 9, 1389.	1.6	45
27	Potential influential economic indicators and environmental quality: insights from the MERCOSUR economies. <i>Air Quality, Atmosphere and Health</i> , 2020, 13, 751-762.	1.5	9
28	Determining nitrogen isotopes discrimination under drought stress on enzymatic activities, nitrogen isotope abundance and water contents of Kentucky bluegrass. <i>Scientific Reports</i> , 2020, 10, 6415.	1.6	38
29	Morpho-physiological traits, biochemical response and phytoextraction potential of short-term copper stress on kenaf (<i>Hibiscus cannabinus</i> L.) seedlings. <i>PeerJ</i> , 2020, 8, e8321.	0.9	70
30	Managing Tillage Operation and Manure to Restore Soil Carbon Stocks in Wheat-Maize Cropping System. <i>Agronomy Journal</i> , 2019, 111, 2600-2609.	0.9	23
31	Substituting urea by organic wastes for improving maize yield in alkaline soil. <i>Journal of Plant Nutrition</i> , 2019, 42, 2423-2434.	0.9	24
32	Nexus between financial development, energy consumption, income level, and ecological footprint in CEE countries: do human capital and biocapacity matter?. <i>Environmental Science and Pollution Research</i> , 2019, 26, 31856-31872.	2.7	101
33	Identification of chicken meat quality via rapid array isoelectric focusing with extraction of hemoglobin and myoglobin in meat sample. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1128, 121790.	1.2	7
34	Alleviation of chromium toxicity in maize by Fe fortification and chromium tolerant ACC deaminase producing plant growth promoting rhizobacteria. <i>Ecotoxicology and Environmental Safety</i> , 2019, 185, 109706.	2.9	93
35	Integration of poultry manure and phosphate solubilizing bacteria improved availability of Ca bound P in calcareous soils. <i>3 Biotech</i> , 2019, 9, 368.	1.1	35
36	Does information and communication technologies improve environmental quality in the era of globalization? An empirical analysis. <i>Environmental Science and Pollution Research</i> , 2019, 26, 8594-8608.	2.7	192

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37	The nexus between financial development, globalization, and environmental degradation: Fresh evidence from Central and Eastern European Countries. <i>Environmental Science and Pollution Research</i> , 2019, 26, 24733-24747.	2.7	74
38	The impact of globalization and financial development on environmental quality: evidence from selected countries in the Organization for Economic Co-operation and Development (OECD). <i>Environmental Science and Pollution Research</i> , 2019, 26, 13246-13262.	2.7	204
39	Isoelectric focusing array with immobilized pH gradient and dynamic scanning imaging for diabetes diagnosis. <i>Analytica Chimica Acta</i> , 2019, 1063, 178-186.	2.6	11
40	Suppressing photorespiration for the improvement in photosynthesis and crop yields: A review on the role of S-allantoin as a nitrogen source. <i>Journal of Environmental Management</i> , 2019, 237, 644-651.	3.8	19
41	The nexus between financial development, income level, and environment in Central and Eastern European Countries: a perspective on Belt and Road Initiative. <i>Environmental Science and Pollution Research</i> , 2019, 26, 16053-16075.	2.7	88
42	The Landscape of Protein Tyrosine Phosphatase (Shp2) and Cancer. <i>Current Pharmaceutical Design</i> , 2019, 24, 3767-3777.	0.9	38
43	Plant Growth and Morphological Changes in Rice Under Abiotic Stress. , 2019, , 69-85.		48
44	Morphological acclimation to agronomic manipulation in leaf dispersion and orientation to promote "deotype" breeding: Evidence from 3D visual modeling of "super" rice (<i>Oryza sativa</i> L.). <i>Plant Physiology and Biochemistry</i> , 2019, 135, 499-510.	2.8	32
45	Impact of financial development and economic growth on environmental quality: an empirical analysis from Belt and Road Initiative (BRI) countries. <i>Environmental Science and Pollution Research</i> , 2019, 26, 2253-2269.	2.7	191
46	Major Constraints for Global Rice Production. , 2019, , 1-22.		35
47	Rice Responses and Tolerance to High Temperature. , 2019, , 201-224.		77
48	Rice Responses and Tolerance to Metal/Metalloid Toxicity. , 2019, , 299-312.		61
49	Abiotic Stress and Rice Grain Quality. , 2019, , 571-583.		33
50	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
51	Consequences of high temperature under changing climate optima for rice pollen characteristics-concepts and perspectives. <i>Archives of Agronomy and Soil Science</i> , 2018, 64, 1473-1488.	1.3	126
52	The nexus between energy consumption and financial development: estimating the role of globalization in Next-11 countries. <i>Environmental Science and Pollution Research</i> , 2018, 25, 18651-18661.	2.7	137
53	Regional climate assessment of precipitation and temperature in Southern Punjab (Pakistan) using SimCLIM climate model for different temporal scales. <i>Theoretical and Applied Climatology</i> , 2018, 131, 121-131.	1.3	57
54	The effect of ICT on CO2 emissions in emerging economies: does the level of income matters?. <i>Environmental Science and Pollution Research</i> , 2018, 25, 22850-22860.	2.7	238

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55	Evaluation and analysis of temperature for historical (1996–2015) and projected (2030–2060) climates in Pakistan using SimCLIM climate model: Ensemble application. <i>Atmospheric Research</i> , 2018, 213, 422-436.	1.8	47
56	An empirical analysis of financial development and energy demand: establishing the role of globalization. <i>Environmental Science and Pollution Research</i> , 2018, 25, 24326-24337.	2.7	81
57	Optimizing the phosphorus use in cotton by using CSM-CROPGRO-cotton model for semi-arid climate of Vehari-Punjab, Pakistan. <i>Environmental Science and Pollution Research</i> , 2017, 24, 5811-5823.	2.7	67
58	<i>Bacillus safensis</i> with plant-derived smoke stimulates rice growth under saline conditions. <i>Environmental Science and Pollution Research</i> , 2017, 24, 23850-23863.	2.7	22
59	Allelopathic Influence of Sesame and Green Gram Intercrops on Cotton in a Replacement Series. <i>Clean - Soil, Air, Water</i> , 2017, 45, .	0.7	4
60	Effects of Nitrogen Supply on Water Stress and Recovery Mechanisms in Kentucky Bluegrass Plants. <i>Frontiers in Plant Science</i> , 2017, 8, 983.	1.7	143
61	Crop Production under Drought and Heat Stress: Plant Responses and Management Options. <i>Frontiers in Plant Science</i> , 2017, 8, 1147.	1.7	1,518
62	Exogenously Applied Plant Growth Regulators Enhance the Morpho-Physiological Growth and Yield of Rice under High Temperature. <i>Frontiers in Plant Science</i> , 2016, 7, 1250.	1.7	193
63	Silicate application increases the photosynthesis and its associated metabolic activities in Kentucky bluegrass under drought stress and post-drought recovery. <i>Environmental Science and Pollution Research</i> , 2016, 23, 17647-17655.	2.7	93
64	A combined application of biochar and phosphorus alleviates heat-induced adversities on physiological, agronomical and quality attributes of rice. <i>Plant Physiology and Biochemistry</i> , 2016, 103, 191-198.	2.8	256
65	Correlation studies on nitrogen for sunflower crop across the agroclimatic variability. <i>Environmental Science and Pollution Research</i> , 2016, 23, 3658-3670.	2.7	42
66	Responses of Rapid Viscoanalyzer Profile and Other Rice Grain Qualities to Exogenously Applied Plant Growth Regulators under High Day and High Night Temperatures. <i>PLoS ONE</i> , 2016, 11, e0159590.	1.1	150
67	Effects of tire rubber ash and zinc sulfate on crop productivity and cadmium accumulation in five rice cultivars under field conditions. <i>Environmental Science and Pollution Research</i> , 2015, 22, 12424-12434.	2.7	58
68	Weed growth and crop yield loss in wheat as influenced by row spacing and weed emergence times. <i>Crop Protection</i> , 2015, 71, 101-108.	1.0	82
69	Grain Cadmium and Zinc Concentrations in Maize Influenced by Genotypic Variations and Zinc Fertilization. <i>Clean - Soil, Air, Water</i> , 2015, 43, 1433-1440.	0.7	53
70	Rice Pest Management and Biological Control. <i>Sustainable Agriculture Reviews</i> , 2015, , 85-106.	0.6	20
71	A biochar application protects rice pollen from high-temperature stress. <i>Plant Physiology and Biochemistry</i> , 2015, 96, 281-287.	2.8	170
72	Phytohormones and plant responses to salinity stress: a review. <i>Plant Growth Regulation</i> , 2015, 75, 391-404.	1.8	566

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73	Potential role of phytohormones and plant growth-promoting rhizobacteria in abiotic stresses: consequences for changing environment. <i>Environmental Science and Pollution Research</i> , 2015, 22, 4907-4921.	2.7	459
74	Silicon Application Increases Drought Tolerance of Kentucky Bluegrass by Improving Plant Water Relations and Morphophysiological Functions. <i>Scientific World Journal, The</i> , 2014, 2014, 1-10.	0.8	143
75	Exploring Suitability of <i>Salsola imbricata</i> (Fetid Saltwort) for Salinity and Drought Conditions: A Step Toward Sustainable Landscaping Under Changing Climate. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	4