Sami Ul-Allah

List of Publications by Year
in descending order

68	1,553	489802 18	406436 35
papers	citations	h-index	g-index

69	69	69	1679
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exogenous application of strigolactone alleviates drought stress in maize seedlings by regulating the physiological and antioxidants defense mechanisms. Cereal Research Communications, 2022, 50, 263-272.	0.8	25
2	Effects of Silicon and Selenium in Alleviation of Drought Stress in Rice. Silicon, 2022, 14, 5453-5461.	1.8	19
3	Morphological, physiological and molecular assessment of cotton for drought tolerance under field conditions. Saudi Journal of Biological Sciences, 2022, 29, 444-452.	1.8	12
4	Foliar application of zinc improves morpho-physiological and antioxidant defense mechanisms, and agronomic grain biofortification of wheat (Triticum aestivum L.) under water stress. Saudi Journal of Biological Sciences, 2022, 29, 1699-1706.	1.8	17
5	Genome-wide analysis of potassium transport genes in Gossypium raimondii suggest a role of GrHAK/KUP/KT8, GrAKT2.1 and GrAKT1.1 in response to abiotic stress. Plant Physiology and Biochemistry, 2022, 170, 110-122.	2.8	16
6	Zinc sulfate application to grass forages (oat, barley, annual ryegrass and triticale) for increasing their yield, quality and profitability. Crop and Pasture Science, 2022, , .	0.7	2
7	The Effect of Selenium Concentration on the Quantitative and Qualitative Yield of Four Safflower (Carthamus tinctorius L.) Genotypes. Journal of Soil Science and Plant Nutrition, 2022, 22, 2663-2669.	1.7	2
8	Exogenous Application of Zinc Sulphate at Heading Stage of Wheat Improves the Yield and Grain Zinc Biofortification. Agronomy, 2022, 12, 734.	1.3	8
9	Barley-Based Cropping Systems and Weed Control Strategies Influence Weed Infestation, Soil Properties and Barley Productivity. Agriculture (Switzerland), 2022, 12, 487.	1.4	6
10	Combined Application of Organic and Inorganic Amendments Improved the Yield and Nutritional Quality of Forage Sorghum. Agronomy, 2022, 12, 896.	1.3	8
11	Regression Modeling Strategies to Predict and Manage Potato Leaf Roll Virus Disease Incidence and Its Vector. Agriculture (Switzerland), 2022, 12, 550.	1.4	1
12	Comparative genetic, biochemical and physiological analysis of sodium and chlorine in wheat. Molecular Biology Reports, 2022, , .	1.0	1
13	Sustainable Soil Management for Food Security in South Asia. Journal of Soil Science and Plant Nutrition, 2021, 21, 258-275.	1.7	9
14	Impact of heat stress responsive factors on growth and physiology of cotton (Gossypium hirsutum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	22
15	High density cotton population in late sowing improves productivity and tolerance to cotton leaf curl virus under semi-arid subtropical conditions. Journal of Plant Diseases and Protection, 2021, 128, 685-692.	1.6	1
16	Silicon Alleviates Arsenic Toxicity in Maize Seedlings by Regulating Physiological and Antioxidant Defense Mechanisms. Journal of Soil Science and Plant Nutrition, 2021, 21, 2032-2040.	1.7	9
17	Phenotypic characterization of exotic tomato germplasm: An excellent breeding resource. PLoS ONE, 2021, 16, e0253557.	1.1	8
18	Zinc biofortification potential of diverse mungbean [Vigna radiata (L.) Wilczek] genotypes under field conditions. PLoS ONE, 2021, 16, e0253085.	1.1	19

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19	Optimizing sowing date for peanut genotypes in arid and semi-arid subtropical regions. PLoS ONE, 2021, 16, e0252393.	1.1	11
20	Assessment of Genetic Variability and Direct-Indirect Contribution of Post-Anthesis Traits to the Grain Yield in Bread Wheat (Triticum aestivum) at Different Sowing Dates. International Journal of Agriculture and Biology, 2021, 26, 193-200.	0.2	8
21	Exogenous Application of Thiourea for Improving the Productivity and Nutritional Quality of Bread Wheat (Triticum aestivum L.). Agronomy, 2021, 11, 1432.	1.3	9
22	Sulfur Application Combined with Planomicrobium sp. Strain MSSA-10 and Farmyard Manure Biochar Helps in the Management of Charcoal Rot Disease in Sunflower (Helianthus annuus L.). Sustainability, 2021, 13, 8535.	1.6	8
23	Expression studies of stress responsive genes in cotton Gossypium hirsutum L.. Molecular Biology Reports, 2021, 48, 7077-7085.	1.0	6
24	Fiber yield and quality in cotton under drought: Effects and management. Agricultural Water Management, 2021, 255, 106994.	2.4	28
25	The impact of different crop sequences on weed infestation and productivity of barley (Hordeum) Tj ETQq1 1 0.784314 rgBT /Overloc	1.0	12
26	Elevated carbon dioxide offers promise for wheat adaptation to heat stress by adjusting carbohydrate metabolism. Physiology and Molecular Biology of Plants, 2021, 27, 2345-2355.	1.4	4
27	Combined application of zinc and silicon alleviates terminal drought stress in wheat by triggering morpho-physiological and antioxidants defense mechanisms. PLoS ONE, 2021, 16, e0256984.	1.1	13
28	Exogenous application of silicon improves the performance of wheat under terminal heat stress by triggering physio-biochemical mechanisms. Scientific Reports, 2021, 11, 23170.	1.6	19
29	Conservation tillage improves productivity of sunflower (Helianthus annuus L.) under reduced irrigation on sandy loam soil. PLoS ONE, 2021, 16, e0260673.	1.1	7
30	Transplanting improves the allometry and fiber quality of Bt cotton in cottonâ€“wheat cropping system. Experimental Agriculture, 2020, 56, 26-36.	0.4	5
31	Eco-friendly alternatives to synthetic fertilizers for maximizing peanut (Arachis hypogea L.) production under arid regions in Punjab, Pakistan. Journal of Plant Nutrition, 2020, 43, 762-772.	0.9	9
32	The fingerprints of climate warming on cereal crops phenology and adaptation options. Scientific Reports, 2020, 10, 18013.	1.6	142
33	Genetic basis of ion exclusion in salinity stressed wheat: implications in improving crop yield. Plant Growth Regulation, 2020, 92, 479-496.	1.8	25
34	Combined Application of Potassium and Zinc Improves Water Relations, Stay Green, Irrigation Water Use Efficiency, and Grain Quality of Maize under Drought Stress. Journal of Plant Nutrition, 2020, 43, 2214-2225.	0.9	15
35	Terminal drought and heat stress alter physiological and biochemical attributes in flag leaf of bread wheat. PLoS ONE, 2020, 15, e0232974.	1.1	118
36	Foliage applied proline induces salt tolerance in chili genotypes by regulating photosynthetic attributes, ionic homeostasis, and antioxidant defense mechanisms. Horticulture Environment and Biotechnology, 2020, 61, 693-702.	0.7	5

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37	Integrated use of farm manure and synthetic nitrogen fertilizer improves nitrogen use efficiency, yield and grain quality in wheat. Italian Journal of Agronomy, 2020, 15, 29-34.	0.4	16
38	Synergetic use of biochar and synthetic nitrogen and phosphorus fertilizers to improves maize productivity and nutrient retention in loamy soil. Journal of Plant Nutrition, 2020, 43, 1356-1368.	0.9	27
39	Potassium Application Improves Grain Yield and Alleviates Drought Susceptibility in Diverse Maize Hybrids. Plants, 2020, 9, 75.	1.6	48
40	Interactive Effect of Biochar and Silicon on Improving Morpho-Physiological and Biochemical Attributes of Maize by Reducing Drought Hazards. Journal of Soil Science and Plant Nutrition, 2020, 20, 1819-1826.	1.7	29
41	Efficacy of fertilizing method for different potash sources in cotton (Gossypium hirsutum L.) nutrition under arid climatic conditions. PLoS ONE, 2020, 15, e0228335.	1.1	13
42	Genotypic VarÄ±abÄ±lÄ±ty and AssocÄ±atÄ±on between Seed TraÄ±ts and SeedlÄ±ng VÄ±gor in Upland Cotton. Pakistan Journal of Agricultural Research, 2020, 33, .	0.1	0
43	Physiological and biochemical attributes of bread wheat (Triticum aestivum L.) seedlings are influenced by foliar application of silicon and selenium under water deficit. Acta Physiologiae Plantarum, 2019, 41, 1.	1.0	73
44	Combined application of biochar and PGPR consortia for sustainable production of wheat under semiarid conditions with a reduced dose of synthetic fertilizer. Brazilian Journal of Microbiology, 2019, 50, 449-458.	0.8	54
45	Interactive Effect of Zinc Fertilization and Cultivar on Yield and Nutritional Attributes of Canola (Brassica napus L.). Journal of Soil Science and Plant Nutrition, 2019, 19, 671-677.	1.7	31
46	Physiological and agronomic approaches for improving water-use efficiency in crop plants. Agricultural Water Management, 2019, 219, 95-108.	2.4	83
47	Sewage waste water application improves the productivity of diverse wheat (Triticum aestivum L.) cultivars on a sandy loam soil. Environmental Science and Pollution Research, 2019, 26, 17045-17054.	2.7	3
48	Exogenously Applied Trinexapac-ethyl Improves Photosynthetic Pigments, Water Relations, Osmoregulation and Antioxidants Defense Mechanism in Wheat under Salt Stress. Cereal Research Communications, 2019, 47, 430-441.	0.8	3
49	Advanced Production Technologies of Maize. , 2019, , 237-260.		4
50	Advanced Production Technologies of Millets. , 2019, , 273-296.		4
51	Crop Diversification and Food Security. , 2019, , 607-621.		13
52	Crop Production Under Changing Climate: Past, Present, and Future. , 2019, , 149-173.		4
53	Response of canola (Brassica napus L.) to exogenous application of nitrogen, salicylic acid and gibberellic acid under an arid climate. Soil and Environment, 2019, 38, 90-96.	1.1	6
54	Improving the performance of bread wheat genotypes by managing irrigation and nitrogen under semi-arid conditions. Archives of Agronomy and Soil Science, 2018, 64, 1678-1689.	1.3	23

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55	Drought stress in sunflower: Physiological effects and its management through breeding and agronomic alternatives. Agricultural Water Management, 2018, 201, 152-166.	2.4	242
56	Combating Hidden Hunger in Agriculture Perspective. World Review of Nutrition and Dietetics, 2018, 118, 161-166.	0.1	14
57	Rice in Saline Soils: Physiology, Biochemistry, Genetics, and Management. Advances in Agronomy, 2018, 148, 231-287.	2.4	100
58	MITIGATING THE ADVERSE EFFECTS OF DROUGHT STRESS THROUGH SEED PRIMING AND SEED QUALITY ON WHEAT (Triticum aestivum L.) PRODUCTIVITY. Pakistan Journal of Agricultural Sciences, 2018, 55, 313-319.	0.1	16
59	Response of cotton genotypes to water and heat stress: from field to genes. Euphytica, 2017, 213, 1.	0.6	31
60	Genetic dissection of association among within-boll yield components and their relationship with seed cotton yield in F₃ populations of Gossypium hirsutum L.. Plant Genetic Resources: Characterisation and Utilisation, 2017, 15, 157-164.	0.4	3
61	Molecular diversity of Pakistani mango (Mangifera indica L.) varieties based on microsatellite markers. Genetics and Molecular Research, 2017, 16, .	0.3	16
62	EFFECT OF FERTILISER AND IRRIGATION ON FORAGE YIELD AND IRRIGATION WATER USE EFFICIENCY IN SEMI-ARID REGIONS OF PAKISTAN. Experimental Agriculture, 2015, 51, 485-500.	0.4	21
63	Genetic diversity in mutated and non-mutated rice varieties. Genetics and Molecular Research, 2015, 14, 17109-17123.	0.3	8
64	Fertilizer and irrigation effects on forage protein and energy production under semi-arid conditions of Pakistan. Field Crops Research, 2014, 159, 62-69.	2.3	21
65	Genetic analysis of physio-morphological traits in bread wheat (Triticum aestivumL.) under water stress conditions. Cereal Research Communications, 2011, 39, 544-550.	0.8	4
66	Improving tolerance of cotton (Gossypium hirsutum L.) to drought and heat stress. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 0, , .	0.6	1
67	GENETIC MECHANISM CONTROLLING SELECTED WITH IN BOLL YIELD COMPONENTS AND PHYSIOLOGICAL TRAITS OF GOSSYPIUM HIRSUTUM L. UNDER SALINITY STRESS. Turkish Journal of Field Crops, 0, , .	0.2	2
68	CHARACTERIZATION OF PEANUT (Arachis hypogaea L.) GERMPLASM FOR MORPHOLOGICAL AND QUALITY TRAITS IN AN ARID ENVIRONMENT. Turkish Journal of Field Crops, 0, , 12-17.	0.2	2