

# Sajjad Hussain

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5814283/publications.pdf>

Version: 2024-02-01

68  
papers

1,996  
citations

304743

22  
h-index

302126

39  
g-index

70  
all docs

70  
docs citations

70  
times ranked

1430  
citing authors

#	ARTICLE	IF	CITATIONS
1	Land use/land cover changes and their impact on land surface temperature using remote sensing technique in district Khanewal, Punjab Pakistan. , 2023, 7, 46-58.		51
2	Assessment of land use/land cover changes and its effect on land surface temperature using remote sensing techniques in Southern Punjab, Pakistan. Environmental Science and Pollution Research, 2023, 30, 99202-99218.	5.3	23
3	Volkamer Lemon Tetraploid Rootstock Transmits the Salt Tolerance When Grafted with Diploid Kinnow Mandarin by Strong Antioxidant Defense Mechanism and Efficient Osmotic Adjustment. Journal of Plant Growth Regulation, 2022, 41, 1125-1137.	5.1	19
4	An Introduction to Climate Change Phenomenon. , 2022, , 3-16.		21
5	Research on Climate Change Issues. , 2022, , 255-268.		13
6	Insect Pest Management Under Climate Change. , 2022, , 225-237.		14
7	Modeling the impact of climate warming on potato phenology. European Journal of Agronomy, 2022, 132, 126404.	4.1	19
8	Deciphering the role of moringa leaf powder as a supplement in the cotton waste substrate for the growth and nutrition of king oyster mushroom. Scientia Horticulturae, 2022, 293, 110694.	3.6	11
9	Postharvest <sup>13</sup> C-aminobutyric acid application mitigates chilling injury of aonla (Emblica officinalis) Tj ETQq1 1 0.784314 rgBT /Overlock	6.0	25
10	Phosphorus confers tolerance against manganese toxicity in Prunus persica by reducing oxidative stress and improving chloroplast ultrastructure. Chemosphere, 2022, 291, 132999.	8.2	25
11	Zinc and Boron Application at Different Phenological Stages Alleviates Tree Growth, Fruit Yield and Quality of Sweet Orange Cv. "Blood Red"™. Gesunde Pflanzen, 2022, 74, 385-396.	3.0	3
12	Correlation of Soil Characteristics and Citrus Leaf Nutrients Contents in Current Scenario of Layyah District. Horticulturae, 2022, 8, 61.	2.8	13
13	Different sources of irrigation water affect heavy metal accumulation in soils and some properties of guava fruits. Environmental Science and Pollution Research, 2022, , 1.	5.3	2
14	Synergistic effect of gum Arabic and carboxymethyl cellulose as biocomposite coating delays senescence in stored tomatoes by regulating antioxidants and cell wall degradation. International Journal of Biological Macromolecules, 2022, 201, 641-652.	7.5	27
15	Climate Change and Rice Production: Impacts and Adaptations. , 2022, , 585-603.		2
16	Salinity Tolerance in Rice. , 2022, , 275-293.		1
17	Aloe vera gel coating delays softening and maintains quality of stored persimmon (Diospyros kaki) Tj ETQq1 1 0.784314 rgBT /Overlock	2.8	5
18	Protective effect of jasmonic acid and potassium against cadmium stress in peas (Pisum sativum L.). Saudi Journal of Biological Sciences, 2022, 29, 2626-2633.	3.8	18

#	ARTICLE	IF	CITATIONS
19	Carboxymethyl cellulose coating delays chilling injury development and maintains eating quality of Kinnow™ mandarin fruits during low temperature storage. International Journal of Biological Macromolecules, 2021, 168, 77-85.	7.5	66
20	Role of Transporters in Accumulating Salt Ions by Halophytes. , 2021, , 11-40.		2
21	Hydrogen Sulfide: A Novel Gaseous Molecule for Plant Adaptation to Stress. Journal of Plant Growth Regulation, 2021, 40, 2485-2501.	5.1	27
22	Irrigation water of different sources affects fruit quality attributes and heavy metals contents of un-grafted and commercial mango cultivars. Journal of Environmental Management, 2021, 281, 111895.	7.8	20
23	Physiological and biochemical responses of Kinnow mandarin grafted on diploid and tetraploid Volkamer lemon rootstocks under different water-deficit regimes. PLoS ONE, 2021, 16, e0247558.	2.5	15
24	Different strategies lead to a common outcome: different water-deficit scenarios highlight physiological and biochemical strategies of water-deficit tolerance in diploid versus tetraploid Volkamer lemon. Tree Physiology, 2021, 41, 2359-2374.	3.1	19
25	Zinc nutrition and arbuscular mycorrhizal symbiosis effects on maize (Zea mays L.) growth and productivity. Saudi Journal of Biological Sciences, 2021, 28, 6339-6351.	3.8	54
26	Foliar application of seed water extract of Nigella sativa improved maize growth in cadmium-contaminated soil. PLoS ONE, 2021, 16, e0254602.	2.5	7
27	Incorporation of ascorbic acid in chitosan-based edible coating improves postharvest quality and storability of strawberry fruits. International Journal of Biological Macromolecules, 2021, 189, 160-169.	7.5	53
28	Hydrogen sulfide and lateral root development in plants under stress. , 2021, , 103-111.		0
29	Formalin fumigation and steaming of various composts differentially influence the nutrient release, growth and yield of muskmelon (Cucumis melo L.). Scientific Reports, 2021, 11, 21057.	3.3	5
30	Satellite-based evaluation of temporal change in cultivated land in Southern Punjab (Multan region) through dynamics of vegetation and land surface temperature. Open Geosciences, 2021, 13, 1561-1577.	1.7	24
31	Better salinity tolerance in tetraploid vs diploid volkamer lemon seedlings is associated with robust antioxidant and osmotic adjustment mechanisms. Journal of Plant Physiology, 2020, 244, 153071.	3.5	64
32	Effect of pre-storage ascorbic acid and Aloe vera gel coating application on enzymatic browning and quality of lotus root slices. Journal of Food Biochemistry, 2020, 44, e13136.	2.9	31
33	Effect of postharvest oxalic acid application on enzymatic browning and quality of lotus (Nelumbo) Tj ETQq1 1 0.784314 rgBT /Overlock	8.2	52
34	The fingerprints of climate warming on cereal crops phenology and adaptation options. Scientific Reports, 2020, 10, 18013.	3.3	142
35	Effect of biochar and phosphate solubilizing bacteria on growth and phosphorus uptake by maize in an Aridisol. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	12
36	Postharvest application of gum arabic edible coating delays ripening and maintains quality of persimmon fruits during storage. Journal of Food Processing and Preservation, 2020, 44, e14583.	2.0	71

#	ARTICLE	IF	CITATIONS
37	Sowing Date and Hybrid Choice Matters Production of Maizeâ€“Maize System. <i>International Journal of Plant Production</i> , 2020, 14, 583-595.	2.2	9
38	Nitrogen Rate and Hybrid Selection Matters Productivity of Maizeâ€“Maize Cropping System under Irrigated Arid Environment of Southern Punjab, Pakistan. <i>International Journal of Plant Production</i> , 2020, 14, 309-320.	2.2	8
39	Efficient compartmentalization and translocation of toxic minerals lead tolerance in volkamer lemon tetraploids more than diploids under moderate and high salt stress. <i>Fruits</i> , 2020, 75, 204-215.	0.4	8
40	Salinity Tolerance in Cotton. , 2020, , 367-391.		2
41	Aloe vera gel coating delays post-cut surface browning and maintains quality of cold stored lotus ( <i>Nelumbo nucifera Gaertn.</i> ) root slices. <i>Scientia Horticulturae</i> , 2019, 256, 108612.	3.6	34
42	Aloe vera gel coating delays postharvest browning and maintains quality of harvested litchi fruit. <i>Postharvest Biology and Technology</i> , 2019, 157, 110960.	6.0	105
43	Effect of different combinations of antibiotics on fruit quality and antioxidant defense system in Huanglongbing infected Kinnow orchards. <i>AMB Express</i> , 2019, 9, 147.	3.0	12
44	Plant Growth and Morphological Changes in Rice Under Abiotic Stress. , 2019, , 69-85.		48
45	Effect of Planting Dates on Agronomic Crop Production. , 2019, , 131-147.		8
46	Improving Water Use Efficiency in Agronomic Crop Production. , 2019, , 13-29.		53
47	Effects of Brassinosteroids on Postharvest Physiology of Horticultural Crops: A Concise Review. <i>Journal of Horticultural Science &amp; Technology</i> , 2019, , 62-68.	0.3	7
48	The impact of climate warming and crop management on phenology of sunflower-based cropping systems in Punjab, Pakistan. <i>Agricultural and Forest Meteorology</i> , 2018, 256-257, 270-282.	4.8	71
49	Future risk assessment by estimating historical heat wave trends with projected heat accumulation using SimCLIM climate model in Pakistan. <i>Atmospheric Research</i> , 2018, 205, 118-133.	4.1	81
50	Drought tolerance in citrus rootstocks is associated with better antioxidant defense mechanism. <i>Acta Physiologiae Plantarum</i> , 2018, 40, 1.	2.1	70
51	Resource Use Efficiencies of C3 and C4 Cereals under Split Nitrogen Regimes. <i>Agronomy</i> , 2018, 8, 69.	3.0	17
52	Rice in Saline Soils: Physiology, Biochemistry, Genetics, and Management. <i>Advances in Agronomy</i> , 2018, 148, 231-287.	5.2	100
53	Effect of Aloe vera Gel, Chitosan and Sodium Alginate Based Edible Coatings on Postharvest Quality of Refrigerated Strawberry Fruits of cv. Chandler. <i>Journal of Horticultural Science &amp; Technology</i> , 2018, , 8-16.	0.3	18
54	Physico-Chemical Profiling of Promising Sweet Orange Cultivars Grown Under Different Agro-Climatic Conditions of Pakistan. <i>Erwerbs-Obstbau</i> , 2017, 59, 315-324.	1.3	10

#	ARTICLE	IF	CITATIONS
55	Agro-industrial residues influence mineral elements accumulation and nutritional composition of king oyster mushroom ( <i>Pleurotus eryngii</i> ). <i>Scientia Horticulturae</i> , 2017, 225, 327-334.	3.6	61
56	Quantification the impacts of climate change and crop management on phenology of maize-based cropping system in Punjab, Pakistan. <i>Agricultural and Forest Meteorology</i> , 2017, 247, 42-55.	4.8	126
57	Biodiversity in Indigenous Germplasm of <i>Pyrus</i> from Pakistan Based on Phenotypical and Morphological Traits. <i>Erwerbs-Obstbau</i> , 2017, 59, 19-27.	1.3	0
58	Guar, jantar, wheat straw, and rice hull composts as replacements for peat in muskmelon transplant production. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2016, 5, 323-332.	2.0	5
59	Zinc Ameliorates Fruit Yield and Quality of Mangoes Cultivated in Calcareous Soils. <i>Erwerbs-Obstbau</i> , 2016, 58, 49-55.	1.3	6
60	Comparison of various potting media for their influence on nutrients supply, germination, and growth of muskmelon ( <i>cucumis melo</i> L.) seedlings. <i>Compost Science and Utilization</i> , 2016, 24, 61-71.	1.2	3
61	ASSESSMENT OF ADVANTAGES OF PEA AND NON-LEGUME WINTER VEGETABLE INTERCROPPING SYSTEMS THROUGH COMPETITION AND ECONOMIC INDICES. <i>Experimental Agriculture</i> , 2015, 51, 327-343.	0.9	13
62	Radiation, water, and nitrogen use efficiencies of <i>Gossypium hirsutum</i> L.. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2015, 39, 825-837.	2.1	10
63	Genetic diversity revealed by physiological behavior of citrus genotypes subjected to salt stress. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	2.1	21
64	Biodiversity in morpho-physiological characteristics of indigenous plum germplasm from Azad Jammu and Kashmir, Pakistan. <i>Zemdirbyste</i> , 2015, 102, 423-430.	0.8	4
65	Performance evaluation of common clementine on various citrus rootstocks. <i>Scientia Horticulturae</i> , 2013, 150, 278-282.	3.6	28
66	Characterization of indigenous barberry germplasm in Pakistan: variability in morphological characteristics and nutritional composition. <i>Fruits</i> , 2013, 68, 409-422.	0.4	17
67	Autotetraploid trifoliolate orange ( <i>Poncirus trifoliata</i> ) rootstocks do not impact clementine quality but reduce fruit yields and highly modify rootstock/scion physiology. <i>Scientia Horticulturae</i> , 2012, 134, 100-107.	3.6	44
68	Facultative apomixis and chromosome doubling are sources of heterogeneity in citrus rootstock trials: Impact on clementine production and breeding selection. <i>Scientia Horticulturae</i> , 2011, 130, 815-819.	3.6	12