

# 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	The fingerprints of climate warming on cereal crops phenology and adaptation options. <i>Scientific Reports</i> , 2020, 10, 18013.	3.3	142
2	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
3	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
4	Rice in Saline Soils: Physiology, Biochemistry, Genetics, and Management. <i>Advances in Agronomy</i> , 2018, 148, 231-287.	5.2	100
5	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
6	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
7	Postharvest application of gum arabic edible coating delays ripening and maintains quality of persimmon fruits during storage. <i>Journal of Food Processing and Preservation</i> , 2020, 44, e14583.	2.0	71
8	Drought tolerance in citrus rootstocks is associated with better antioxidant defense mechanism. <i>Acta Physiologiae Plantarum</i> , 2018, 40, 1.	2.1	70
9	Carboxymethyl cellulose coating delays chilling injury development and maintains eating quality of "Kinnow"™ mandarin fruits during low temperature storage. <i>International Journal of Biological Macromolecules</i> , 2021, 168, 77-85.	7.5	66
10	Better salinity tolerance in tetraploid vs diploid Volkamer lemon seedlings is associated with robust antioxidant and osmotic adjustment mechanisms. <i>Journal of Plant Physiology</i> , 2020, 244, 153071.	3.5	64
11	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
12	Zinc nutrition and arbuscular mycorrhizal symbiosis effects on maize ( <i>Zea mays</i> L.) growth and productivity. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 6339-6351.	3.8	54
13	Incorporation of ascorbic acid in chitosan-based edible coating improves postharvest quality and storability of strawberry fruits. <i>International Journal of Biological Macromolecules</i> , 2021, 189, 160-169.	7.5	53
14	Improving Water Use Efficiency in Agronomic Crop Production. , 2019, , 13-29.		53
15	Effect of postharvest oxalic acid application on enzymatic browning and quality of lotus ( <i>Nelumbo</i> ) Tj ETQq1 1 0.784314 rgBT /Overl	8.2	52
16	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
17	Plant Growth and Morphological Changes in Rice Under Abiotic Stress. , 2019, , 69-85.		48
18	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

#	ARTICLE	IF	CITATIONS
19	Aloe vera gel coating delays post-cut surface browning and maintains quality of cold stored lotus ( <i>Nelumbo nucifera</i> Gaertn.) root slices. <i>Scientia Horticulturae</i> , 2019, 256, 108612.	3.6	34
20	Effect of pre-storage ascorbic acid and Aloe vera gel coating application on enzymatic browning and quality of lotus root slices. <i>Journal of Food Biochemistry</i> , 2020, 44, e13136.	2.9	31
21	Performance evaluation of common clementine on various citrus rootstocks. <i>Scientia Horticulturae</i> , 2013, 150, 278-282.	3.6	28
22	Hydrogen Sulfide: A Novel Gaseous Molecule for Plant Adaptation to Stress. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 2485-2501.	5.1	27
23	Synergistic effect of gum Arabic and carboxymethyl cellulose as biocomposite coating delays senescence in stored tomatoes by regulating antioxidants and cell wall degradation. <i>International Journal of Biological Macromolecules</i> , 2022, 201, 641-652.	7.5	27
24	Postharvest $\Gamma^3$ -aminobutyric acid application mitigates chilling injury of aonla ( <i>Emblica officinalis</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 5	6.0	25
25	Phosphorus confers tolerance against manganese toxicity in <i>Prunus persica</i> by reducing oxidative stress and improving chloroplast ultrastructure. <i>Chemosphere</i> , 2022, 291, 132999.	8.2	25
26	Satellite-based evaluation of temporal change in cultivated land in Southern Punjab (Multan region) through dynamics of vegetation and land surface temperature. <i>Open Geosciences</i> , 2021, 13, 1561-1577.	1.7	24
27	Assessment of land use/land cover changes and its effect on land surface temperature using remote sensing techniques in Southern Punjab, Pakistan. <i>Environmental Science and Pollution Research</i> , 2023, 30, 99202-99218.	5.3	23
28	Genetic diversity revealed by physiological behavior of citrus genotypes subjected to salt stress. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	2.1	21
29	An Introduction to Climate Change Phenomenon. , 2022, , 3-16.		21
30	Irrigation water of different sources affects fruit quality attributes and heavy metals contents of un-grafted and commercial mango cultivars. <i>Journal of Environmental Management</i> , 2021, 281, 111895.	7.8	20
31	Volkamer Lemon Tetraploid Rootstock Transmits the Salt Tolerance When Grafted with Diploid Kinnow Mandarin by Strong Antioxidant Defense Mechanism and Efficient Osmotic Adjustment. <i>Journal of Plant Growth Regulation</i> , 2022, 41, 1125-1137.	5.1	19
32	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. <i>Tree Physiology</i> , 2021, 41, 2359-2374.	3.1	19
33	Modeling the impact of climate warming on potato phenology. <i>European Journal of Agronomy</i> , 2022, 132, 126404.	4.1	19
34	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
35	Protective effect of jasmonic acid and potassium against cadmium stress in peas ( <i>Pisum sativum</i> L.). <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 2626-2633.	3.8	18
36	Characterization of indigenous barberry germplasm in Pakistan: variability in morphological characteristics and nutritional composition. <i>Fruits</i> , 2013, 68, 409-422.	0.4	17

#	ARTICLE	IF	CITATIONS
37	Resource Use Efficiencies of C3 and C4 Cereals under Split Nitrogen Regimes. <i>Agronomy</i> , 2018, 8, 69.	3.0	17
38	Physiological and biochemical responses of Kinnow mandarin grafted on diploid and tetraploid Volkamer lemon rootstocks under different water-deficit regimes. <i>PLoS ONE</i> , 2021, 16, e0247558.	2.5	15
39	Insect Pest Management Under Climate Change. , 2022, , 225-237.		14
40	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
41	Research on Climate Change Issues. , 2022, , 255-268.		13
42	Correlation of Soil Characteristics and Citrus Leaf Nutrients Contents in Current Scenario of Layyah District. <i>Horticulturae</i> , 2022, 8, 61.	2.8	13
43	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
44	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
45	Effect of biochar and phosphate solubilizing bacteria on growth and phosphorus uptake by maize in an Aridisol. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	12
46	Deciphering the role of moringa leaf powder as a supplement in the cotton waste substrate for the growth and nutrition of king oyster mushroom. <i>Scientia Horticulturae</i> , 2022, 293, 110694.	3.6	11
47	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
48	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
49	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
50	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
51	Effect of Planting Dates on Agronomic Crop Production. , 2019, , 131-147.		8
52	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
53	Foliar application of seed water extract of <i>Nigella sativa</i> improved maize growth in cadmium-contaminated soil. <i>PLoS ONE</i> , 2021, 16, e0254602.	2.5	7
54	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

#	ARTICLE	IF	CITATIONS
55	Zinc Ameliorates Fruit Yield and Quality of Mangoes Cultivated in Calcareous Soils. <i>Erwerbs-Obstbau</i> , 2016, 58, 49-55.	1.3	6
56	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
57	Formalin fumigation and steaming of various composts differentially influence the nutrient release, growth and yield of muskmelon ( <i>Cucumis melo</i> L.). <i>Scientific Reports</i> , 2021, 11, 21057.	3.3	5
58	Aloe vera gel coating delays softening and maintains quality of stored persimmon ( <i>Diospyros kaki</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.8	5
59	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
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	Zinc and Boron Application at Different Phenological Stages Alleviates Tree Growth, Fruit Yield and Quality of Sweet Orange Cv. "Blood Red". <i>Gesunde Pflanzen</i> , 2022, 74, 385-396.	3.0	3
62	Role of Transporters in Accumulating Salt Ions by Halophytes. , 2021, , 11-40.		2
63	Salinity Tolerance in Cotton. , 2020, , 367-391.		2
64	Different sources of irrigation water affect heavy metal accumulation in soils and some properties of guava fruits. <i>Environmental Science and Pollution Research</i> , 2022, , 1.	5.3	2
65	Climate Change and Rice Production: Impacts and Adaptations. , 2022, , 585-603.		2
66	Salinity Tolerance in Rice. , 2022, , 275-293.		1
67	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
68	Hydrogen sulfide and lateral root development in plants under stress. , 2021, , 103-111.		0