

Ashfaq Ahmad

List of Publications by Year in descending order

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56
papers

2,845
citations

172457

29
h-index

182427

51
g-index

56
all docs

56
docs citations

56
times ranked

2402
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of seedling age on growth and yield of fine rice cultivars under alternate wetting and drying system. <i>Journal of Plant Nutrition</i> , 2021, 44, 1-15.	1.9	15
2	Foliar Spray of Natural and Synthetic Plant Growth Promoters Accelerates Growth and Yield of Cotton by Modulating Photosynthetic Pigments. <i>International Journal of Plant Production</i> , 2021, 15, 615-624.	2.2	2
3	Study of land cover/land use changes using RS and GIS: a case study of Multan district, Pakistan. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 2.	2.7	58
4	Optimizing Management Options through Empirical Modeling to Improve Pearl Millet Production for Semi-Arid and Arid Regions of Punjab, Pakistan. <i>Sustainability</i> , 2020, 12, 7715.	3.2	4
5	Potential influential economic indicators and environmental quality: insights from the MERCOSUR economies. <i>Air Quality, Atmosphere and Health</i> , 2020, 13, 751-762.	3.3	9
6	Public behavior in reducing urban air pollution: an application of the theory of planned behavior in Lahore. <i>Environmental Science and Pollution Research</i> , 2020, 27, 17815-17830.	5.3	16
7	Carbon sequestration potential and soil characteristics of various land use systems in arid region. <i>Journal of Environmental Management</i> , 2020, 264, 110254.	7.8	20
8	Assessing the climate change impacts and adaptation strategies for rice production in Punjab, Pakistan. <i>Environmental Science and Pollution Research</i> , 2020, 27, 22568-22578.	5.3	18
9	Optimizing irrigation and nitrogen requirements for maize through empirical modeling in semi-arid environment. <i>Environmental Science and Pollution Research</i> , 2019, 26, 1227-1237.	5.3	39
10	Simultaneous effects of biochar and nitrogen fertilization on nitrous oxide and methane emissions from paddy rice. <i>Journal of Environmental Management</i> , 2019, 248, 109242.	7.8	23
11	Energy, CO ₂ emissions, and value added flows embodied in the international trade of the BRICS group: A comprehensive assessment. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 116, 109432.	16.4	68
12	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.	5.3	192
13	Assessing climate change impacts on pearl millet under arid and semi-arid environments using CSM-CERES-Millet model. <i>Environmental Science and Pollution Research</i> , 2019, 26, 6745-6757.	5.3	36
14	Why Did FDI Inflows of Pakistan Decline? From the Perspective of Terrorism, Energy Shortage, Financial Instability, and Political Instability. <i>Emerging Markets Finance and Trade</i> , 2019, 55, 90-104.	3.1	29
15	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.	5.1	67
16	Identifying the impacts of human capital on carbon emissions in Pakistan. <i>Journal of Cleaner Production</i> , 2018, 183, 1082-1092.	9.3	290
17	Potential impacts of climate change and adaptation strategies for sunflower in Pakistan. <i>Environmental Science and Pollution Research</i> , 2018, 25, 13719-13730.	5.3	23
18	Prediction of effective climate change indicators using statistical downscaling approach and impact assessment on pearl millet (<i>Pennisetum glaucum</i> L.) yield through Genetic Algorithm in Punjab, Pakistan. <i>Ecological Indicators</i> , 2018, 90, 569-576.	6.3	27

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19	Multi-model projections of future climate and climate change impacts uncertainty assessment for cotton production in Pakistan. <i>Agricultural and Forest Meteorology</i> , 2018, 253-254, 94-113.	4.8	163
20	Wheat Responses to Climate Change and Its Adaptations: A Focus on Arid and Semi-arid Environment. <i>International Journal of Environmental Research</i> , 2018, 12, 117-126.	2.3	32
21	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.	2.8	57
22	Simulated CSM-CROPGRO-cotton yield under projected future climate by SimCLIM for southern Punjab, Pakistan. <i>Agricultural Systems</i> , 2018, 167, 213-222.	6.1	63
23	Predicting water and nitrogen requirements for maize under semi-arid conditions using the CSM-CERES-Maize model. <i>European Journal of Agronomy</i> , 2018, 100, 56-66.	4.1	20
24	Radiation efficiency and nitrogen fertilizer impacts on sunflower crop in contrasting environments of Punjab, Pakistan. <i>Environmental Science and Pollution Research</i> , 2018, 25, 1822-1836.	5.3	75
25	Scenario analysis of the carbon pricing policy in China's power sector through 2050: Based on an improved CGE model. <i>Ecological Indicators</i> , 2018, 85, 352-366.	6.3	42
26	Evaluation of Timing and Rates for Nitrogen Application for Optimizing Maize Growth and Development and Maximizing Yield. <i>Agronomy Journal</i> , 2018, 110, 565-571.	1.8	14
27	Yield Forecasting of Spring Maize Using Remote Sensing and Crop Modeling in Faisalabad-Punjab Pakistan. <i>Journal of the Indian Society of Remote Sensing</i> , 2018, 46, 1701-1711.	2.4	48
28	Performance of four crop model for simulations of wheat phenology, leaf growth, biomass and yield across planting dates. <i>PLoS ONE</i> , 2018, 13, e0197546.	2.5	48
29	Biochar for Agriculture in Pakistan. <i>Sustainable Agriculture Reviews</i> , 2017, , 57-114.	1.1	7
30	Modeling the water and nitrogen productivity of sunflower using OILCROP-SUN model in Pakistan. <i>Field Crops Research</i> , 2017, 205, 67-77.	5.1	33
31	CO ₂ emissions per value added in exports of China: A comparison with USA based on generalized logarithmic mean Divisia index decomposition. <i>Journal of Cleaner Production</i> , 2017, 144, 287-298.	9.3	32
32	Nitrogen and plant population change radiation capture and utilization capacity of sunflower in semi-arid environment. <i>Environmental Science and Pollution Research</i> , 2017, 24, 17511-17525.	5.3	29
33	Forecasting wheat yield from weather data and MODIS NDVI using Random Forests for Punjab province, Pakistan. <i>International Journal of Remote Sensing</i> , 2017, 38, 4831-4854.	2.9	53
34	Inducing drought tolerance in wheat by applying natural and synthetic plant growth promoters. <i>Journal of Plant Nutrition and Soil Science</i> , 2017, 180, 739-747.	1.9	4
35	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
36	Response of sunflower hybrids to nitrogen application grown under different agro-environments. <i>Journal of Plant Nutrition</i> , 2017, 40, 82-92.	1.9	36

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37	Quantification of Climate Warming and Crop Management Impacts on Cotton Phenology. <i>Plants</i> , 2017, 6, 7.	3.5	69
38	Adapting DSSAT Model for Simulation of Cotton Yield for Nitrogen Levels and Planting Dates. <i>Agronomy Journal</i> , 2017, 109, 2639-2648.	1.8	13
39	AM1 is a potential ABA substitute for drought tolerance as revealed by physiological and ultra-structural responses of oilseed rape. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	2.1	16
40	Modelling resource competition and its mitigation at the crop-soil-hedge interface using WaNuLCAS. <i>Agroforestry Systems</i> , 2016, 90, 1025-1044.	2.0	13
41	Modelling Climate Change Impacts and Adaptation Strategies for Sunflower in Pakistan. <i>Outlook on Agriculture</i> , 2016, 45, 39-45.	3.4	39
42	Driving factors of carbon emissions embodied in Chinaâ€™US trade: a structural decomposition analysis. <i>Journal of Cleaner Production</i> , 2016, 131, 678-689.	9.3	108
43	Application of CSM-CERES-Maize model in optimizing irrigated conditions. <i>Outlook on Agriculture</i> , 2016, 45, 173-184.	3.4	38
44	The effect of nutrients shortage on plantâ€™s efficiency to capture solar radiations under semi-arid environments. <i>Environmental Science and Pollution Research</i> , 2016, 23, 20497-20505.	5.3	13
45	Carbon emissions, energy consumption and economic growth: An aggregate and disaggregate analysis of the Indian economy. <i>Energy Policy</i> , 2016, 96, 131-143.	8.8	321
46	Evaluation of the OILCROP-SUN model for sunflower hybrids under different agro-meteorological conditions of Punjabâ€™Pakistan. <i>Field Crops Research</i> , 2016, 188, 17-30.	5.1	47
47	Water and Nitrogen Productivity of Maize under Semiarid Environments. <i>Crop Science</i> , 2015, 55, 877-888.	1.8	24
48	NITROGEN FERTILIZATION AND NARROW PLANT SPACING STIMULATES SUNFLOWER PRODUCTIVITY. <i>Turkish Journal of Field Crops</i> , 2015, 20, .	0.8	8
49	Potential Soil Moisture Deficit: An Alternative Approach for Irrigation Scheduling in Wheat. <i>International Journal of Agriculture and Biology</i> , 2015, 18, 16-22.	0.4	12
50	Normalized Difference Vegetation Index as a Tool for Wheat Yield Estimation: A Case Study from Faisalabad, Pakistan. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	2.1	68
51	Influence of Nursery Management and Seedling Age on Growth and Economic Performance of Fine Rice. <i>Journal of Plant Nutrition</i> , 2014, 37, 1287-1303.	1.9	14
52	Changes in precipitation extremes over arid to semiarid and subhumid Punjab, Pakistan. <i>Theoretical and Applied Climatology</i> , 2014, 116, 671-680.	2.8	66
53	Application of the CSM-CERES-Rice model for evaluation of plant density and irrigation management of transplanted rice for an irrigated semiarid environment. <i>Irrigation Science</i> , 2013, 31, 491-506.	2.8	46
54	The response of genetically distinct bread wheat genotypes to salinity stress. <i>Plant Breeding</i> , 2012, 131, 707-715.	1.9	10

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55	Application of the CSM-CERES-Rice model for evaluation of plant density and nitrogen management of fine transplanted rice for an irrigated semiarid environment. Precision Agriculture, 2012, 13, 200-218.	6.0	66
56	Effect of Nitrogen on Yield and Oil Quality of Sunflower (<i>Helianthus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (An Plant Sciences, 2012, 03, 243-251.	0.8	36