

Ripendra Awal

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

422
citations

759233

12
h-index

752698

20
g-index

25
all docs

25
docs citations

25
times ranked

613
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate change-induced variations in blue and green water usage in U.S. urban agriculture. Journal of Cleaner Production, 2022, 348, 131326.	9.3	12
2	Winter storm Uri and temporary drought relief in the western climate divisions of Texas. Science of the Total Environment, 2022, 835, 155336.	8.0	6
3	Adaptation to climate extremes and sea level rise in coastal cities of developing countries. , 2021, , 145-170.		1
4	Patterns of Nutrient Dynamics within and below the Rootzone of Collard Greens Grown under Different Organic Amendment Types and Rates. Sustainability, 2021, 13, 6857.	3.2	2
5	Performance of Multi-Radar Multi-Sensor (MRMS) product in monitoring precipitation under extreme events in Harris County, Texas. Journal of Hydrology, 2021, 598, 126385.	5.4	4
6	Extreme events and climate change: A multidisciplinary approach. , 2021, , 1-7.		1
7	A distributed system for supporting smart irrigation using Internet of Things technology. Engineering Reports, 2021, 3, e12352.	1.7	11
8	COVID-19 and the Improvement of the Global Air Quality: The Bright Side of a Pandemic. Atmosphere, 2020, 11, 1279.	2.3	24
9	Estimating reference crop evapotranspiration under limited climate data in West Texas. Journal of Hydrology: Regional Studies, 2020, 28, 100677.	2.4	16
10	Soil CO ₂ emission in response to organic amendments, temperature, and rainfall. Scientific Reports, 2020, 10, 5849.	3.3	57
11	Optimum Turf Grass Irrigation Requirements and Corresponding Water- Energy-CO ₂ Nexus across Harris County, Texas. Sustainability, 2019, 11, 1440.	3.2	7
12	Soil Physical Properties Spatial Variability under Long-Term No-Tillage Corn. Agronomy, 2019, 9, 750.	3.0	19
13	Evaluation of phytotoxicity of three organic amendments to collard greens using the seed germination bioassay. Environmental Science and Pollution Research, 2019, 26, 5454-5462.	5.3	37
14	Assessing Potential Climate Change Impacts on Irrigation Requirements of Major Crops in the Brazos Headwaters Basin, Texas. Water (Switzerland), 2018, 10, 1610.	2.7	8
15	Carbon dioxide emission in relation with irrigation and organic amendments from a sweet corn field. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2017, 52, 387-394.	1.5	12
16	Potential climate change impacts on citrus water requirement across major producing areas in the world. Journal of Water and Climate Change, 2017, 8, 576-592.	2.9	28
17	Soil Water Content Sensor Response to Organic Matter Content under Laboratory Conditions. Sensors, 2016, 16, 1239.	3.8	14
18	Analysis of Potential Future Climate and Climate Extremes in the Brazos Headwaters Basin, Texas. Water (Switzerland), 2016, 8, 603.	2.7	21

#	ARTICLE	IF	CITATIONS
19	Irrigation water requirements for seed corn and coffee under potential climate change scenarios. Journal of Water and Climate Change, 2016, 7, 39-51.	2.9	21
20	Temperature and Probe Variability Effects on the Performance of Capacitance Soil Moisture Sensors in an Oxisol. Vadose Zone Journal, 2016, 15, 1-13.	2.2	20
21	Hydraulic Fracturing and Its Potential Impact on Shallow Groundwater. , 2016, , 67-99.		1
22	Trends and variability of climate and river flow in context of run-of-river hydropower schemes: a case study of Sunkoshi river basin, Nepal. International Journal of Hydrology Science and Technology, 2014, 4, 282.	0.3	2
23	Rainfall-runoff modeling in a flashy tropical watershed using the distributed HL-RDHM model. Journal of Hydrology, 2014, 519, 3436-3447.	5.4	29
24	Hydropower development in Nepal. Renewable and Sustainable Energy Reviews, 2013, 21, 684-693.	16.4	67
25	Potential Impact of Climate Change on Irrigation Water Requirements for Some Major Crops in the Northern High Plains of Texas. Advances in Agricultural Systems Modeling, 0, , 145-170.	0.3	2