Ripendra Awal

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3570124/publications.pdf

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25	422	759055 12	752573 20
papers	citations	h-index	g-index

25	25	25	613
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydropower development in Nepal. Renewable and Sustainable Energy Reviews, 2013, 21, 684-693.	8.2	67
2	Soil CO2 emission in response to organic amendments, temperature, and rainfall. Scientific Reports, 2020, 10, 5849.	1.6	57
3	Evaluation of phytotoxicity of three organic amendments to collard greens using the seed germination bioassay. Environmental Science and Pollution Research, 2019, 26, 5454-5462.	2.7	37
4	Rainfall-runoff modeling in a flashy tropical watershed using the distributed HL-RDHM model. Journal of Hydrology, 2014, 519, 3436-3447.	2.3	29
5	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.	1.2	28
6	COVID-19 and the Improvement of the Global Air Quality: The Bright Side of a Pandemic. Atmosphere, 2020, 11, 1279.	1.0	24
7	Analysis of Potential Future Climate and Climate Extremes in the Brazos Headwaters Basin, Texas. Water (Switzerland), 2016, 8, 603.	1.2	21
8	Irrigation water requirements for seed corn and coffee under potential climate change scenarios. Journal of Water and Climate Change, 2016, 7, 39-51.	1.2	21
9	Temperature and Probeâ€toâ€Probe Variability Effects on the Performance of Capacitance Soil Moisture Sensors in an Oxisol. Vadose Zone Journal, 2016, 15, 1-13.	1.3	20
10	Soil Physical Properties Spatial Variability under Long-Term No-Tillage Corn. Agronomy, 2019, 9, 750.	1.3	19
11	Estimating reference crop evapotranspiration under limited climate data in West Texas. Journal of Hydrology: Regional Studies, 2020, 28, 100677.	1.0	16
12	Soil Water Content Sensor Response to Organic Matter Content under Laboratory Conditions. Sensors, 2016, 16, 1239.	2.1	14
13	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.	0.7	12
14	Climate change-induced variations in blue and green water usage in U.S. urban agriculture. Journal of Cleaner Production, 2022, 348, 131326.	4.6	12
15	A distributed system for supporting smart irrigation using Internet of Things technology. Engineering Reports, 2021, 3, e12352.	0.9	11
16	Assessing Potential Climate Change Impacts on Irrigation Requirements of Major Crops in the Brazos Headwaters Basin, Texas. Water (Switzerland), 2018, 10, 1610.	1.2	8
17	Optimum Turf Grass Irrigation Requirements and Corresponding Water- Energy-CO2 Nexus across Harris County, Texas. Sustainability, 2019, 11, 1440.	1.6	7
18	Winter storm Uri and temporary drought relief in the western climate divisions of Texas. Science of the Total Environment, 2022, 835, 155336.	3.9	6

#	Article	IF	Citations
19	Performance of Multi-Radar Multi-Sensor (MRMS) product in monitoring precipitation under extreme events in Harris County, Texas. Journal of Hydrology, 2021, 598, 126385.	2.3	4
20	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.	0.2	2
21	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
22	Patterns of Nutrient Dynamics within and below the Rootzone of Collard Greens Grown under Different Organic Amendment Types and Rates. Sustainability, 2021, 13, 6857.	1.6	2
23	Adaptation to climate extremes and sea level rise in coastal cities of developing countries. , 2021, , 145-170.		1
24	Extreme events and climate change: A multidisciplinary approach. , 2021, , 1-7.		1
25	Hydraulic Fracturing and Its Potential Impact on Shallow Groundwater. , 2016, , 67-99.		1