

Guotao Cui

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

256
citations

1039406

9
h-index

940134

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all docs

16
docs citations

16
times ranked

227
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing multi-year-drought vulnerability in dense Mediterranean-climate forests using water-balance-based indicators. <i>Journal of Hydrology</i> , 2022, 606, 127431.	2.3	10
2	Mechanisms Controlling Carbon Sinks in Semi-Arid Mountain Ecosystems. <i>Global Biogeochemical Cycles</i> , 2022, 36, .	1.9	5
3	Precipitation Estimates and Orographic Gradients Using Snow, Temperature, and Humidity Measurements From a Wireless Sensor Network. <i>Water Resources Research</i> , 2022, 58, .	1.7	4
4	Assessment of regional-scale water resources carrying capacity based on fuzzy multiple attribute decision-making and scenario simulation. <i>Ecological Indicators</i> , 2021, 130, 108034.	2.6	50
5	Detecting Rain-Snow-Transition Elevations in Mountain Basins Using Wireless Sensor Networks. <i>Journal of Hydrometeorology</i> , 2020, 21, 2061-2081.	0.7	13
6	Improving the DNDC biogeochemistry model to simulate soil temperature and emissions of nitrous oxide and carbon dioxide in cold regions. <i>Science of the Total Environment</i> , 2019, 687, 61-70.	3.9	37
7	Using time compression approximation to determine actual infiltration rate from variable rainfall events. <i>Hydrology Research</i> , 2019, 50, 155-165.	1.1	1
8	Infiltration Model Based on Traveling Characteristics of Wetting Front. <i>Soil Science Society of America Journal</i> , 2018, 82, 45-55.	1.2	10
9	Prediction of unsaturated flow and water backfill during infiltration in layered soils. <i>Journal of Hydrology</i> , 2018, 557, 509-521.	2.3	13
10	Modeling Infiltration and Runoff with Surface Crust under Unsteady Rainfalls. <i>Journal of Hydrologic Engineering - ASCE</i> , 2018, 23, .	0.8	4
11	Infiltration model in sloping layered soils and guidelines for model parameter estimation. <i>Hydrological Sciences Journal</i> , 2017, 62, 2222-2237.	1.2	14
12	Description and Application of a Mathematical Method for the Analysis of Harmony. <i>Scientific World Journal</i> , The, 2015, 2015, 1-9.	0.8	10
13	Quantitative Analysis of Human-Water Relationships and Harmony-Based Regulation in the Tarim River Basin. <i>Journal of Hydrologic Engineering - ASCE</i> , 2015, 20, .	0.8	27
14	China pursues a strict water resources management system. <i>Environmental Earth Sciences</i> , 2014, 72, 2219-2222.	1.3	47
15	Disposal of chemical contaminants into groundwater: viewing hidden environmental pollution in China. <i>Environmental Earth Sciences</i> , 2013, 70, 1933-1935.	1.3	7
16	International viewpoint and news. <i>Environmental Earth Sciences</i> , 2013, 69, 2801-2803.	1.3	4