

Ruopu Li

List of Publications by Year in descending order

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37
papers

947
citations

471061

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454577

30
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37
all docs

37
docs citations

37
times ranked

1473
citing authors

#	ARTICLE	IF	CITATIONS
1	Projected climate regime shift under future global warming from multi-model, multi-scenario CMIP5 simulations. <i>Global and Planetary Change</i> , 2014, 112, 41-52.	1.6	169
2	Modeling vulnerability of groundwater to pollution under future scenarios of climate change and biofuels-related land use change: A case study in North Dakota, USA. <i>Science of the Total Environment</i> , 2013, 447, 32-45.	3.9	91
3	Is the just transition socially accepted? Energy history, place, and support for coal and solar in Illinois, Texas, and Vermont. <i>Energy Research and Social Science</i> , 2020, 59, 101309.	3.0	60
4	Evaluating climate and soil effects on regional soil moisture spatial variability using EOFs. <i>Water Resources Research</i> , 2017, 53, 4022-4035.	1.7	53
5	A review on drone-based harmful algae blooms monitoring. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 211.	1.3	51
6	A Geospatial Approach for Prioritizing Wind Farm Development in Northeast Nebraska, USA. <i>ISPRS International Journal of Geo-Information</i> , 2014, 3, 968-979.	1.4	45
7	Landscape ecology development supported by geospatial technologies: A review. <i>Ecological Informatics</i> , 2019, 51, 185-192.	2.3	42
8	A geospatial modeling framework for assessing biofuels-related land-use and land-cover change. <i>Agriculture, Ecosystems and Environment</i> , 2012, 161, 17-26.	2.5	35
9	Beyond big data: Social media challenges and opportunities for understanding social perception of energy. <i>Energy Research and Social Science</i> , 2019, 56, 101217.	3.0	35
10	Estimating High-Resolution Groundwater Storage from GRACE: A Random Forest Approach. <i>Environments - MDPI</i> , 2019, 6, 63.	1.5	32
11	A cyberGIS-enabled multi-criteria spatial decision support system: A case study on flood emergency management. <i>International Journal of Digital Earth</i> , 2019, 12, 1364-1381.	1.6	31
12	Climate change impacts on groundwater storage in the Central Valley, California. <i>Climatic Change</i> , 2019, 157, 387-406.	1.7	30
13	Can Managed Aquifer Recharge Mitigate the Groundwater Overdraft in California's Central Valley?. <i>Water Resources Research</i> , 2020, 56, e2020WR027244.	1.7	30
14	Examining locally driven climate change policy efforts in three Pacific states. <i>Ocean and Coastal Management</i> , 2011, 54, 415-426.	2.0	26
15	Spatial patterns of soil moisture from two regional monitoring networks in the United States. <i>Journal of Hydrology</i> , 2017, 552, 578-585.	2.3	25
16	Evaluation of Groundwater Resources in Response to Agricultural Management Scenarios in the Central Valley, California. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2018, 144, .	1.3	21
17	Land Use Classification: A Surface Energy Balance and Vegetation Index Application to Map and Monitor Irrigated Lands. <i>Remote Sensing</i> , 2017, 9, 1256.	1.8	20
18	Capturing LiDAR-Derived Hydrologic Spatial Parameters to Evaluate Playa Wetlands. <i>Journal of the American Water Resources Association</i> , 2014, 50, 234-245.	1.0	18

#	ARTICLE	IF	CITATIONS
19	Groundwater vulnerability assessment based on modified DRASTIC model: a case study in Changli County, China. <i>Geocarto International</i> , 2017, 32, 749-758.	1.7	18
20	Developing a Restorable Wetland Index for Rainwater Basin Wetlands in South-Central Nebraska: A Multi-Criteria Spatial Analysis. <i>Wetlands</i> , 2012, 32, 975-984.	0.7	17
21	Drainage Structure Datasets and Effects on LiDAR-Derived Surface Flow Modeling. <i>ISPRS International Journal of Geo-Information</i> , 2013, 2, 1136-1152.	1.4	16
22	Detection of gullies in Fort Riley military installation using LiDAR derived high resolution DEM. <i>Journal of Terramechanics</i> , 2018, 77, 15-22.	1.4	13
23	Remote Sensing-Based Assessment of the Crop, Energy and Water Nexus in the Central Valley, California. <i>Remote Sensing</i> , 2019, 11, 1701.	1.8	12
24	Challenges and Opportunities for Coping with the Smart Divide in Rural America. <i>Annals of the American Association of Geographers</i> , 2020, 110, 559-570.	1.5	9
25	Reviewing models of land availability and dynamics for biofuel crops in the United States and the European Union. <i>Biofuels, Bioproducts and Biorefining</i> , 2013, 7, 666-684.	1.9	8
26	Evaluating Hydrologically Connected Surface Water and Groundwater Using a Groundwater Model. <i>Journal of the American Water Resources Association</i> , 2016, 52, 799-805.	1.0	7
27	Planning the next-generation biofuel crops based on soil-water constraints. <i>Biomass and Bioenergy</i> , 2018, 115, 19-26.	2.9	6
28	A MODFLOW package to linearize stream depletion analysis. <i>Journal of Hydrology</i> , 2016, 532, 9-15.	2.3	5
29	A new stochastic simulation algorithm for image-based classification: Feature-space indicator simulation. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019, 152, 145-165.	4.9	4
30	Antibacterial activity of $\text{Fe}_2\text{O}_3/\text{TiO}_2$ nanoparticles on toxic cyanobacteria from a lake in Southern Illinois. <i>Water Environment Research</i> , 2021, 93, 2807-2818.	1.3	4
31	Assessment and validation of confined aquifer vulnerability based on the VEBHAT method: a case study in Heilongjiang Province, northeastern China. <i>Hydrogeology Journal</i> , 2019, 27, 2551-2561.	0.9	3
32	Current development of landscape geochemistry with support of geospatial technologies: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2019, 49, 745-790.	6.6	3
33	Modeling Urban PM _{2.5} Concentration by Combining Regression Models and Spectral Unmixing Analysis in a Region of East China. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	2
34	Assessing the impacts of anthropogenic drainage structures on hydrologic connectivity using high-resolution digital elevation models. <i>Transactions in GIS</i> , 2021, 25, 2596-2611.	1.0	2
35	Classification and Feature Extraction for Hydraulic Structures Data Using Advanced CNN Architectures. , 2021, , .		2
36	Classification of irrigated and non-irrigated cropland using object-based image analysis: A case study in south-central Nebraska. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
37	Assessing Social Media Communications of Local Governments in Fast-Growing U.S. Cities. Professional Geographer, 2021, 73, 702-712.	1.0	1