

Haroon Stephen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

503
citations

10
h-index

22
g-index

43
ext. papers

666
ext. citations

4.7
avg, IF

4.25
L-index

#	Paper	IF	Citations
27	Estimating soil moisture using remote sensing data: A machine learning approach. <i>Advances in Water Resources</i> , 2010 , 33, 69-80	4.7	263
26	Relating TRMM precipitation radar land surface backscatter response to soil moisture in the Southern United States. <i>Journal of Hydrology</i> , 2011 , 402, 115-125	6	44
25	Relating TRMM Precipitation Radar backscatter to water stage in wetlands. <i>Journal of Hydrology</i> , 2011 , 401, 240-249	6	30
24	Isoscapes of $\delta^{18}O$ and δ^2H reveal climatic forcings on Alaska and Yukon precipitation. <i>Water Resources Research</i> , 2016 , 52, 6575-6586	5.4	26
23	Relating temperature trends to the normalized difference vegetation index in Las Vegas. <i>GIScience and Remote Sensing</i> , 2014 , 51, 468-482	4.8	18
22	Climatic Change and Desert Vegetation Distribution: Assessing Thirty Years of Change in Southern Nevada's Mojave Desert. <i>Professional Geographer</i> , 2014 , 66, 311-322	1.7	13
21	A Framework for Environmental Monitoring with Arduino-Based Sensors Using Restful Web Service 2014 ,		12
20	Urban evapotranspiration of green spaces in arid regions through two established approaches: a review of key drivers, advancements, limitations, and potential opportunities. <i>Urban Water Journal</i> , 2021 , 18, 115-127	2.3	12
19	GIS Framework for Spatiotemporal Mapping of Urban Flooding. <i>Geosciences (Switzerland)</i> , 2019 , 9, 77	2.7	11
18	Modeled streamflow response under cloud seeding in the North Platte River watershed. <i>Journal of Hydrology</i> , 2011 , 409, 305-314	6	10
17	Land Surface Brightness Temperature Modeling Using Solar Insolation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2010 , 48, 491-498	8.1	9
16	Impervious Surfaces Mapping at City Scale by Fusion of Radar and Optical Data through a Random Forest Classifier. <i>Remote Sensing</i> , 2021 , 13, 3040	5	9
15	Effects of two utility-scale solar energy plants on land-cover patterns using SMA of Thematic Mapper data. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 67, 1139-1152	16.2	7
14	Fusion of Sentinel-1 and Sentinel-2 data in mapping the impervious surfaces at city scale. <i>Environmental Monitoring and Assessment</i> , 2021 , 193, 556	3.1	6
13	Socio-economic drought assessment in Lake Mead, USA, based on a multivariate standardized water-scarcity index. <i>Hydrological Sciences Journal</i> , 2019 , 64, 555-569	3.5	5
12	Spatial and Temporal Behavior of Microwave Backscatter Directional Modulation Over the Saharan Ergs. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007 , 45, 1164-1173	8.1	5
11	Trend Analysis of Las Vegas Land Cover and Temperature Using Remote Sensing. <i>Land</i> , 2018 , 7, 135	3.5	5

10	Distributed Hydrological Modeling for a Snow Dominant Watershed Using a Precipitation and Runoff Modeling System 2015 ,		3
9	Memorial Parking Trees: Resilient Modular Design with Nature-Based Solutions in Vulnerable Urban Areas. <i>Land</i> , 2021 , 10, 298	3.5	3
8	Understanding the summertime warming in canyon and non-canyon surfaces. <i>Urban Climate</i> , 2021 , 38, 100916	6.8	3
7	Evaluating Irrigation Performance and Water Productivity Using EEFlux ET and NDVI. <i>Sustainability</i> , 2021 , 13, 7967	3.6	3
6	The Feasibility of a Land Ferry System to Reduce Highway Maintenance Cost and Associated Externalities. <i>Scientific World Journal, The</i> , 2016 , 2016, 8180232	2.2	2
5	School absenteeism is linked to household food insecurity in school catchment areas in Southern Nevada. <i>Public Health Nutrition</i> , 2021 , 24, 5074-5080	3.3	2
4	Relating Urbanization and Irrigation Water Demand in Gujranwala District of Pakistan 2019 ,		1
3	Effect of land use change on summertime surface temperature, albedo, and evapotranspiration in Las Vegas Valley. <i>Urban Climate</i> , 2021 , 39, 100966	6.8	1
2	Climatic and Topographic Control of the Stable Isotope Values of Rivers on the South Island of New Zealand. <i>Paleoceanography and Paleoclimatology</i> , 2021 , 36, e2021PA004220	3.3	0
1	The relationship between tree canopy and social capital on physical activity in college students. <i>Journal of American College Health</i> , 2021 , 1-10	2.2	0