Guohua Hu

List of Publications by Year
in descending order

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17	1,361	840776 11	996975 15
papers	citations	h-index	g-index

17	17	17	1534
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High-resolution multi-temporal mapping of global urban land using Landsat images based on the Google Earth Engine Platform. Remote Sensing of Environment, 2018, 209, 227-239.	11.0	448
2	High-spatiotemporal-resolution mapping of global urban change from 1985 to 2015. Nature Sustainability, 2020, 3, 564-570.	23.7	391
3	Delineating urban functional areas with building-level social media data: A dynamic time warping (DTW) distance based k -medoids method. Landscape and Urban Planning, 2017, 160, 48-60.	7.5	179
4	A Normalized Urban Areas Composite Index (NUACI) Based on Combination of DMSP-OLS and MODIS for Mapping Impervious Surface Area. Remote Sensing, 2015, 7, 17168-17189.	4.0	73
5	Developing an effective 2-D urban flood inundation model for city emergency management based on cellular automata. Natural Hazards and Earth System Sciences, 2015, 15, 381-391.	3.6	71
6	Simulating urban dynamics in China using a gradient cellular automata model based on S-shaped curve evolution characteristics. International Journal of Geographical Information Science, 2018, 32, 73-101.	4.8	44
7	Land-use decision support in brownfield redevelopment for urban renewal based on crowdsourced data and a presence-and-background learning (PBL) method. Land Use Policy, 2019, 88, 104188.	5.6	38
8	Spatial scaling of urban impervious surfaces across evolving landscapes: From cities to urban regions. Landscape and Urban Planning, 2018, 175, 50-61.	7.5	32
9	How to minimize the impacts of urban expansion on farmland loss: developing a few large or many small cities?. Landscape Ecology, 2020, 35, 2487-2499.	4.2	19
10	1 km land use/land cover change of China under comprehensive socioeconomic and climate scenarios for 2020â€“2100. Scientific Data, 2022, 9, 110.	5.3	19
11	Modeling the dynamics and walking accessibility of urban open spaces under various policy scenarios. Landscape and Urban Planning, 2021, 207, 103993.	7.5	18
12	Scenario farmland protection zoning based on production potential: A case study in China. Land Use Policy, 2020, 95, 104581.	5.6	11
13	Improved Sub-Pixel Mapping Method Coupling Spatial Dependence With Directivity and Connectivity. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 4887-4896.	4.9	8
14	Exploring the performance of spatio-temporal assimilation in an urban cellular automata model. International Journal of Geographical Information Science, 2017, 31, 2195-2215.	4.8	5
15	Chinaâ€™s Mismatch of Public Awareness and Biodiversity Threats under Economic Trade. Environmental Science & Technology, 2022, 56, 9784-9796.	10.0	4
16	Simulation of oil spill using ANN and CA models. , 2015, , .		1
17	Simulation of oil spill using logistic-regression CA model. , 2015, , .		0