Guohua Hu

List of Publications by Year
in descending order

17 papers	1,361 citations	840776 11 h-index	996975 15 g-index
17 all docs	17 docs citations	17 times ranked	1534 citing authors

#	Article	IF	Citations
1	1 km land use/land cover change of China under comprehensive socioeconomic and climate scenarios for 2020–2100. Scientific Data, 2022, 9, 110.	5.3	19
2	China's Mismatch of Public Awareness and Biodiversity Threats under Economic Trade. Environmental Science & Technology, 2022, 56, 9784-9796.	10.0	4
3	Modeling the dynamics and walking accessibility of urban open spaces under various policy scenarios. Landscape and Urban Planning, 2021, 207, 103993.	7.5	18
4	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
5	High-spatiotemporal-resolution mapping of global urban change from 1985 to 2015. Nature Sustainability, 2020, 3, 564-570.	23.7	391
6	Scenario farmland protection zoning based on production potential: A case study in China. Land Use Policy, 2020, 95, 104581.	5.6	11
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	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
10	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
11	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
12	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
13	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
14	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
15	Simulation of oil spill using ANN and CA models. , 2015, , .		1
16	Simulation of oil spill using logistic-regression CA model. , 2015, , .		0
17	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