Tangao Hu

List of Publications by Year
in descending order

26 papers	451 citations	840585 11 h-index	713332 21 g-index
27 all docs	27 docs citations	27 times ranked	499 citing authors

#	Article	IF	Citations
1	The Impact of Hurricane Maria on the Vegetation of Dominica and Puerto Rico Using Multispectral Remote Sensing. Remote Sensing, 2018, 10, 827.	1.8	86
2	A generalized approach based on convolutional neural networks for large area cropland mapping at very high resolution. Remote Sensing of Environment, 2020, 247, 111912.	4.6	75
3	Evaluation of historical and future wetland degradation using remote sensing imagery and land use modeling. Land Degradation and Development, 2020, 31, 65-80.	1.8	39
4	Prediction of the future urban heat island intensity and distribution based on landscape composition and configuration: A case study in Hangzhou. Sustainable Cities and Society, 2022, 83, 103992.	5.1	32
5	Effects of Land Use on Stream Water Quality in the Rapidly Urbanized Areas: A Multiscale Analysis. Water (Switzerland), 2020, 12, 1123.	1.2	27
6	Effects of landscape patterns on the morphological evolution of surface urban heat island in Hangzhou during 2000 â€" 2020. Sustainable Cities and Society, 2022, 79, 103717.	5.1	26
7	Mapping Cropland Distributions Using a Hard and Soft Classification Model. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 4301-4312.	2.7	20
8	Quantitative assessment of urban wetland dynamics using high spatial resolution satellite imagery between 2000 and 2013. Scientific Reports, 2018, 8, 7409.	1.6	20
9	Quantifying the Cooling Effect and Scale of Large Inner-City Lakes Based on Landscape Patterns: A Case Study of Hangzhou and Nanjing. Remote Sensing, 2021, 13, 1526.	1.8	19
10	A Comparison of HY-2 and QuikSCAT Vector Wind Products for Tropical Cyclone Track and Intensity Development Monitoring. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 1365-1369.	1.4	16
11	Rice exposure to cold stress in China: how has its spatial pattern changed under climate change?. European Journal of Agronomy, 2019, 103, 73-79.	1.9	14
12	Tropical Cyclone Center Automatic Determination Model Based on HY-2 and QuikSCAT Wind Vector Products. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 709-721.	2.7	11
13	Study on Typhoon Center Monitoring Based on HY-2 and FY-2 Data. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 2350-2354.	1.4	10
14	Analyzing spatial variance of urban waterlogging disaster at multiple scales based on a hydrological and hydrodynamic model. Natural Hazards, 2022, 114, 1915-1938.	1.6	9
15	Longâ€term monitoring and evaluation of land development inÂaÂreclamation area under rapid urbanization: A caseâ€study inÂQiantang New District, China. Land Degradation and Development, 2021, 32, 3259-3271.	1.8	8
16	Urban Inundation under Different Rainstorm Scenarios in Linâ€™an City, China. International Journal of Environmental Research and Public Health, 2022, 19, 7210.	1.2	8
17	Changes in the spatial pattern of rice exposure to heat stress in China over recent decades. Climatic Change, 2019, 154, 229-240.	1.7	7
18	An Improved Simplified Urban Storm Inundation Model Based on Urban Terrain and Catchment Modification. Water (Switzerland), 2019, 11, 2335.	1.2	7

#	ARTICLE	IF	CITATIONS
19	Retrieval of Sea Surface Wind Fields Using Multi-Source Remote Sensing Data. Remote Sensing, 2020, 12, 1482.	1.8	5
20	Combination of hard and soft classification method based on adaptive threshold. , 2014, , .		4
21	Evaluating the Impact of Mega-Sports Events on Urbanization Focusing on Land-Use Changes Using a Scenario-Based Model. Sustainability, 2021, 13, 1649.	1.6	3
22	Future projections of rice exposure to cold stress in China throughout the 21st century. European Journal of Agronomy, 2022, 135, 126473.	1.9	2
23	The investigation of relationship between integrated surface drought index (ISDI) detected drought condition and crop yield. , 2014, , .		1
24	Mapping of Intrusive Complex on a Small Scale Using Multi-Source Remote Sensing Images. ISPRS International Journal of Geo-Information, 2020, 9, 543.	1.4	1
25	Study on estimating the planting area of winter wheat based on mixed field decomposition of remote sensing. , 2010, , .		0
26	How Much Would Different Temporal Scales Affect the Pattern of Rice Exposure to Heat Stress in China?. , 2018, , .		0