

Fengsong Pei

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,603
citations

623734

14
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

2350
citing authors

#	ARTICLE	IF	CITATIONS
1	A future land use simulation model (FLUS) for simulating multiple land use scenarios by coupling human and natural effects. <i>Landscape and Urban Planning</i> , 2017, 168, 94-116.	7.5	940
2	High-resolution multi-temporal mapping of global urban land using Landsat images based on the Google Earth Engine Platform. <i>Remote Sensing of Environment</i> , 2018, 209, 227-239.	11.0	448
3	A New Global Land-Use and Land-Cover Change Product at a 1-km Resolution for 2010 to 2100 Based on Human-Environment Interactions. <i>Annals of the American Association of Geographers</i> , 2017, 107, 1040-1059.	2.2	206
4	Global urban expansion offsets climate-driven increases in terrestrial net primary productivity. <i>Nature Communications</i> , 2019, 10, 5558.	12.8	198
5	Delineating urban functional areas with building-level social media data: A dynamic time warping (DTW) distance based k-medoids method. <i>Landscape and Urban Planning</i> , 2017, 160, 48-60.	7.5	179
6	Monitoring the vegetation activity in China using vegetation health indices. <i>Agricultural and Forest Meteorology</i> , 2018, 248, 215-227.	4.8	113
7	Assessing the differences in net primary productivity between pre- and post-urban land development in China. <i>Agricultural and Forest Meteorology</i> , 2013, 171-172, 174-186.	4.8	97
8	Cumulative Effects of Climatic Factors on Terrestrial Vegetation Growth. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 789-806.	3.0	90
9	Assessing the impacts of droughts on net primary productivity in China. <i>Journal of Environmental Management</i> , 2013, 114, 362-371.	7.8	81
10	Non-uniform time-lag effects of terrestrial vegetation responses to asymmetric warming. <i>Agricultural and Forest Meteorology</i> , 2018, 252, 130-143.	4.8	53
11	Determining the impacts of climate change and urban expansion on terrestrial net primary production in China. <i>Journal of Environmental Management</i> , 2019, 240, 75-83.	7.8	48
12	Detection and attribution of extreme precipitation changes from 1961 to 2012 in the Yangtze River Delta in China. <i>Catena</i> , 2018, 169, 183-194.	5.0	39
13	Exploring the response of net primary productivity variations to urban expansion and climate change: A scenario analysis for Guangdong Province in China. <i>Journal of Environmental Management</i> , 2015, 150, 92-102.	7.8	31
14	Application of Normalized Difference Vegetation Index (NDVI) for the Detection of Extreme Precipitation Change. <i>Forests</i> , 2021, 12, 594.	2.1	25
15	Changes in Extreme Precipitation: A Case Study in the Middle and Lower Reaches of the Yangtze River in China. <i>Water (Switzerland)</i> , 2017, 9, 943.	2.7	14
16	Decoupling the Relationships between Carbon Footprint and Economic Growth within an Urban Agglomeration—A Case Study of the Yangtze River Delta in China. <i>Land</i> , 2021, 10, 923.	2.9	14
17	Coordinating socio-economic and environmental dimensions to evaluate regional sustainability —towards an integrative framework. <i>Ecological Indicators</i> , 2021, 130, 108085.	6.3	9
18	A Framework of Payment for Ecosystem Services to Protect Cropland: A Case Study of the Yangtze River Delta in China. <i>Sustainability</i> , 2018, 10, 178.	3.2	7

#	ARTICLE	IF	CITATIONS
19	Assessing the Impacts of Extreme Precipitation Change on Vegetation Activity. Agriculture (Switzerland), 2021, 11, 487.	3.1	6
20	Assessing the Impacts of Extreme Climate Events on Vegetation Activity in the North South Transect of Eastern China (NSTEC). Water (Switzerland), 2019, 11, 2291.	2.7	5
21	Assessing the differences between fossil fuel energy and bioenergy from crop residues in the Yangtze River Delta, China. AIP Conference Proceedings, 2019, , .	0.4	0