Xiaofang Sun

List of Publications by Year
in descending order

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15 papers	235 citations	1040056 9 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	173 citing authors

#	Article	IF	Citations
1	A fundamental theorem for eco-environmental surface modelling and its applications. Science China Earth Sciences, 2020, 63, 1092-1112.	5.2	35
2	Combining LPJ-GUESS and HASM to simulate the spatial distribution of forest vegetation carbon stock in China. Journal of Chinese Geography, 2014, 24, 249-268.	3.9	33
3	Quantitative assessment of the habitat quality dynamics in Yellow River Basin, China. Environmental Monitoring and Assessment, 2021, 193, 614.	2.7	32
4	Potential impact of land use change on ecosystem services in China. Environmental Monitoring and Assessment, 2016, 188, 248.	2.7	27
5	Analyzing the Uncertainty of Estimating Forest Aboveground Biomass Using Optical Imagery and Spaceborne LiDAR. Remote Sensing, 2019, 11, 722.	4.0	21
6	The Intensity Analysis of Production Living Ecological Land in Shandong Province, China. Sustainability, 2020, 12, 8326.	3.2	15
7	Comprehensive benefits evaluation and its spatial simulation for wellâ€facilitated farmland projects in the Huangâ€Huaiâ€Hai Region of China. Land Degradation and Development, 2020, 31, 1837-1850.	3.9	12
8	Quantifying the Land Use and Land Cover Changes in the Yellow River Basin while Accounting for Data Errors Based on GlobeLand30 Maps. Land, 2021, 10, 31.	2.9	12
9	Divergent Sensitivities of Spaceborne Solar-Induced Chlorophyll Fluorescence to Drought among Different Seasons and Regions. ISPRS International Journal of Geo-Information, 2020, 9, 542.	2.9	11
10	Regional-scale drought monitor using synthesized index based on remote sensing in northeast China. Open Geosciences, 2020, 12, 163-173.	1.7	10
11	The Imprint of Built-Up Land Expansion on Cropland Distribution and Productivity in Shandong Province. Land, 2021, 10, 639.	2.9	8
12	Investigation of Future Land Use Change and Implications for Cropland Quality: The Case of China. Sustainability, 2019, 11, 3327.	3.2	7
13	A comprehensive method to increase yield and narrow the yield gap of winter wheat for sustainable intensification. Journal of the Science of Food and Agriculture, 2022, 102, 4238-4249.	3.5	6
14	Surface modelling of forest aboveground biomass based on remote sensing and forest inventory data. Geocarto International, 2021, 36, 1549-1564.	3.5	4
15	Effects of land use planning on aboveground vegetation biomass in China. Environmental Earth Sciences, 2015, 73, 6553-6564.	2.7	2