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List of Publications by Year
in descending order

33 papers	796 citations	623734 14 h-index	501196 28 g-index
35 all docs	35 docs citations	35 times ranked	894 citing authors

#	Article	IF	Citations
1	Economics- and policy-driven organic carbon input enhancement dominates soil organic carbon accumulation in Chinese croplands. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4045-4050.	7.1	342
2	Map Scale Effects on Soil Organic Carbon Stock Estimation in North China. Soil Science Society of America Journal, 2006, 70, 1377-1386.	2.2	66
3	Simulation of global warming potential (GWP) from rice fields in the Tai-Lake region, China by coupling 1:50,000 soil database with DNDC model. Atmospheric Environment, 2009, 43, 2737-2746.	4.1	38
4	Application of categorical information in the spatial prediction of soil organic carbon in the red soil area of China. Soil Science and Plant Nutrition, 2010, 56, 307-318.	1.9	26
5	Long-term effect of sediment laden Yellow River irrigation water on soil organic carbon stocks in Ningxia, China. Soil and Tillage Research, 2015, 145, 148-156.	5.6	24
6	Using multiple radiometric correction images to estimate leaf area index. International Journal of Remote Sensing, 2011, 32, 9441-9454.	2.9	22
7	Soil Water Content Estimation Using High-Frequency Ground Penetrating Radar. Water (Switzerland), 2019, 11, 1036.	2.7	22
8	The suitability of using leaf area index to quantify soil loss under vegetation cover. Journal of Mountain Science, 2011, 8, 564-570.	2.0	20
9	Priority selection rating of sampling density and interpolation method for detecting the spatial variability of soil organic carbon in China. Environmental Earth Sciences, 2015, 73, 2287-2297.	2.7	19
10	Carbon sequestration in the uplands of Eastern China: An analysis with high-resolution model simulations. Soil and Tillage Research, 2016, 158, 165-176.	5.6	19
11	Assessing factors influencing vegetation coverage calculation with remote sensing imagery. International Journal of Remote Sensing, 2009, 30, 2479-2489.	2.9	17
12	A WebGIS system for relating genetic soil classification of China to soil taxonomy. Computers and Geosciences, 2010, 36, 768-775.	4.2	17
13	Effects of Soil Data and Simulation Unit Resolution on Quantifying Changes of Soil Organic Carbon at Regional Scale with a Biogeochemical Process Model. PLoS ONE, 2014, 9, e88622.	2.5	14
14	Effects of Cropland Conversion and Climate Change on Agrosystem Carbon Balance of China's Dryland: A Typical Watershed Study. Sustainability, 2018, 10, 4508.	3.2	14
15	Variations in cropland soil organic carbon fractions in the black soil region of China. Soil and Tillage Research, 2018, 184, 93-99.	5.6	14
16	Effects of prediction methods for detecting the temporal evolution of soil organic carbon in the Hilly Red Soil Region, China. Environmental Earth Sciences, 2011, 64, 319-328.	2.7	13
17	Zonal differences in correlation patterns between soil organic carbon and climate factors at multi-extent. Chinese Geographical Science, 2016, 26, 670-678.	3.0	12
18	Impacts of agricultural intensity on soil organic carbon pools in a main vegetable cultivation region of China. Soil and Tillage Research, 2013, 134, 25-32.	5.6	11

#	Article	IF	Citations
19	Characteristics of Variations in the Organic Carbon Fractions in Paddy Soils. Soil Science Society of America Journal, 2016, 80, 983-991.	2.2	9
20	Sensitivity and uncertainty analysis of CENTURY-modeled SOC dynamics in upland soils under different climate-soil-management conditions: a case study in China. Journal of Soils and Sediments, 2017, 17, 85-96.	3.0	8
21	Carbon storage and spatial distribution patterns of paddy soils in China. Frontiers of Agriculture in China, 2007, 1, 149-154.	0.2	7
22	Influence of Sampling Point Discretization on the Regional Variability of Soil Organic Carbon in the Red Soil Region, China. Sustainability, 2018, 10, 3603.	3.2	7
23	Influence of the Selection of Interpolation Method on Revealing Soil Organic Carbon Variability in the Red Soil Region, China. Sustainability, 2018, 10, 2290.	3.2	6
24	Quantitative relationships between soil landscape index and classification grain. Journal of Soils and Sediments, 2019, 19, 903-916.	3.0	6
25	Improving Leaf Area Index Retrieval Using Multi-Sensor Images and Stacking Learning in Subtropical Forests of China. Remote Sensing, 2022, 14, 148.	4.0	5
26	Estimating models of vegetation fractional coverage based on remote sensing images at different radiometric correction levels. Frontiers of Forestry in China: Selected Publications From Chinese Universities, 2009, 4, 402-408.	0.2	4
27	Regional patterns and controls of soil organic carbon pools of croplands in China. Plant and Soil, 2017, 421, 525-539.	3.7	4
28	Composition of a Soil Organic Carbon Increment under Different Vegetable Cultivation Patterns: A Study Using Three SOC Pools. Sustainability, 2019, 11, 35.	3.2	4
29	Equality testing for soil grid unit resolutions to polygon unit scales with DNDC modeling of regional SOC pools. Chinese Geographical Science, 2017, 27, 552-568.	3.0	3
30	Mean residence times of active and slow soil organic carbon pools in croplands across China. Catena, 2021, 202, 105271.	5.0	3
31	Yield and nitrogen use efficiency of winter wheat with different soil fertility. Nutrient Cycling in Agroecosystems, 2020, 116, 165-177.	2.2	2
32	Potential for improving nitrogen use efficiency in rice–wheat rotation with soil fertility increases in the Taihu Lake region. Journal of Soils and Sediments, 2022, 22, 1105-1120.	3.0	2
33	Soil Information Acquisition and Monitoring in the Anthropocene of a Changing World. Soil Horizons, 2012, 53, 16.	0.3	0