Zhenhua Liu

List of Publications by Year
in descending order

13	213	1163117 8	1125743 13
papers	citations	h-index	g-index

13	13	13	137
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Estimation of Soil Heavy Metal Content Using Hyperspectral Data. Remote Sensing, 2019, 11, 1464.	4.0	40
2	Integrating a Hybrid Back Propagation Neural Network and Particle Swarm Optimization for Estimating Soil Heavy Metal Contents Using Hyperspectral Data. Sustainability, 2019, 11, 419.	3.2	35
3	Research on the method for retrieving soil moisture using thermal inertia model. Science in China Series D: Earth Sciences, 2006, 49, 539-545.	0.9	25
4	The GA-BPNN-Based Evaluation of Cultivated Land Quality in the PSR Framework Using Gaofen-1 Satellite Data. Sensors, 2019, 19, 5127.	3.8	21
5	Crop Growth Stage GPP-Driven Spectral Model for Evaluation of Cultivated Land Quality Using GA-BPNN. Agriculture (Switzerland), 2020, 10, 318.	3.1	21
6	Estimation of Soil Nutrient Content Using Hyperspectral Data. Agriculture (Switzerland), 2021, 11, 1129.	3.1	15
7	A new AG-AGB estimation model based on MODIS and SRTM data in Qinghai Province, China. Ecological Indicators, 2021, 133, 108378.	6.3	15
8	The Optimal Image Date Selection for Evaluating Cultivated Land Quality Based on Gaofen-1 Images. Sensors, 2019, 19, 4937.	3.8	9
9	Estimation of Cultivated Land Quality Based on Soil Hyperspectral Data. Agriculture (Switzerland), 2022, 12, 93.	3.1	9
10	Evaluation of Reasonable Stocking Rate Based on the Relative Contribution of Climate Change and Grazing Activities to the Productivity of Alpine Grasslands in Qinghai Province. Remote Sensing, 2022, 14, 1455.	4.0	8
11	Improving Estimation of Soil Moisture Content Using a Modified Soil Thermal Inertia Model. Remote Sensing, 2020, 12, 1719.	4.0	7
12	A spatial frequency/spectral indicator-driven model for estimating cultivated land quality using the gradient boosting decision tree and genetic algorithm-back propagation neural network. International Soil and Water Conservation Research, 2022, 10, 635-648.	6.5	5
13	A New Method for Estimating Soil Fertility Using Extreme Gradient Boosting and a Backpropagation Neural Network. Remote Sensing, 2022, 14, 3311.	4.0	3