Qingsheng Liu

List of Publications by Year
in descending order

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48	691	623734	580821
papers	citations	14 h-index	25 g-index

50	50	50	648
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Soil quality assessment in Yellow River Delta: Establishing a minimum data set and fuzzy logic model. Geoderma, 2019, 334, 82-89.	5.1	81
2	Soil moisture variations at different topographic domains and land use types in the semi-arid Loess Plateau, China. Catena, 2018, 165, 125-132.	5.0	65
3	Comparison of tasselled cap transformations based on the selective bands of Landsat 8 OLI TOA reflectance images. International Journal of Remote Sensing, 2015, 36, 417-441.	2.9	62
4	Studies on the Spatiotemporal Variability of River Water Quality and Its Relationships with Soil and Precipitation: A Case Study of the Mun River Basin in Thailand. International Journal of Environmental Research and Public Health, 2018, 15, 2466.	2.6	50
5	Ecological Vulnerability Assessment Based on Fuzzy Analytical Method and Analytic Hierarchy Process in Yellow River Delta. International Journal of Environmental Research and Public Health, 2018, 15, 855.	2.6	49
6	Monitoring desertification processes in Mongolian Plateau using MODIS tasseled cap transformation and TGSI time series. Journal of Arid Land, 2018, 10, 12-26.	2.3	40
7	Soil physicochemical properties associated with quasi-circular vegetation patches in the Yellow River Delta, China. Geoderma, 2019, 337, 202-214.	5.1	36
8	Distribution Characteristics and Seasonal Variation of Soil Nutrients in the Mun River Basin, Thailand. International Journal of Environmental Research and Public Health, 2018, 15, 1818.	2.6	30
9	Retrieval of Winter Wheat Leaf Area Index from Chinese GF-1 Satellite Data Using the PROSAIL Model. Sensors, 2018, 18, 1120.	3.8	27
10	Comparison of CBERS-04, GF-1, and GF-2 Satellite Panchromatic Images for Mapping Quasi-Circular Vegetation Patches in the Yellow River Delta, China. Sensors, 2018, 18, 2733.	3.8	24
11	Study of the differences in soil properties between the dry season and rainy season in the Mun River Basin. Catena, 2019, 182, 104103.	5.0	20
12	Land Cover Mapping in Cloud-Prone Tropical Areas Using Sentinel-2 Data: Integrating Spectral Features with Ndvi Temporal Dynamics. Remote Sensing, 2020, 12, 1163.	4.0	20
13	An Approach to High-Resolution Rice Paddy Mapping Using Time-Series Sentinel-1 SAR Data in the Mun River Basin, Thailand. Remote Sensing, 2020, 12, 3959.	4.0	18
14	Effects of land use changes for ecological restoration on soil moisture on the Chinese Loess Plateau: a meta-analytical approach. Journal of Forestry Research, 2020, 31, 443-452.	3.6	15
15	Evaluating the Potential of Multi-Seasonal CBERS-04 Imagery for Mapping the Quasi-Circular Vegetation Patches in the Yellow River Delta Using Random Forest. Remote Sensing, 2019, 11, 1216.	4.0	14
16	Variation in soil bulk density and hydraulic conductivity within a quasi-circular vegetation patch and bare soil area. Journal of Soils and Sediments, 2020, 20, 2019-2030.	3.0	10
17	Using Tasseled Cap Transformation of CBERS-02 Images to Detect Dieback or Dead Robinia Pseudoacacia Plantation. , 2009, , .		9
18	Using the Canny edge detector and mathematical morphology operators to detect vegetation patches. Proceedings of SPIE, 2011, , .	0.8	9

#	Article	IF	Citations
19	Comparison of tasselled cap components of images from Landsat 5 Thematic Mapper and Landsat 7 Enhanced Thematic Mapper Plus. Journal of Spatial Science, 2016, 61, 351-365.	1.5	8
20	Remote Sensing Monitoring of Surface Characteristics in the Badain Jaran, Tengger, and Ulan Buh Deserts of China. Chinese Geographical Science, 2019, 29, 151-165.	3.0	8
21	Vegetation Patch Structure and Dynamics at Gudong Oil Field of the Yellow River Delta, China. Communications in Computer and Information Science, 2013, , 177-187.	0.5	8
22	Combining Tasseled Cap Transformation with Support Vector Machine to classify Landsat TM imagery data. , 2010, , .		7
23	Using ALOS High Spatial Resolution Image to Detect Vegetation Patches. Procedia Environmental Sciences, 2011, 10, 896-901.	1.4	7
24	Sharpening the WBSI Imagery of Tiangong-II: Gram-Schmidt and Principal Components Transform in Comparison. , 2018, , .		7
25	Using tasseled cap transformation of HJ-1B CCD2 image to extract Gaoantun landfill of Beijing, China. , 2010, , .		6
26	Monitoring vegetation recovery at abandoned land. , 2015, , .		6
27	A Study of the Spatial Difference of the Soil Quality of The Mun River Basin during the Rainy Season. Sustainability, 2019, 11, 3423.	3.2	6
28	Quality Assessment by Region and Land Cover of Sharpening Approaches Applied to GF-2 Imagery. Applied Sciences (Switzerland), 2020, 10, 3673.	2.5	6
29	Mapping quasi-circular vegetation patch dynamics in the Yellow River Delta, China, between 1994 and 2016. Ecological Indicators, 2021, 126, 107656.	6.3	6
30	Mapping of circular or elliptical vegetation community patches: A comparative use of SPOT-5, ALOS And ZY-3 imagery. , 2015, , .		5
31	Comparing the Different Seasonal CBERS 04 Images to Map the Quasi-Circular Vegetation Patches in the Yellow River Delta, China. , 2018, , .		5
32	Detect quasi-circular vegetation community patches using images of different spatial resolutions. , 2013, , .		4
33	Comparing Pixel-Based Random Forest and the Object-Based Support Vector Machine Approaches to Map the Quasi-Circular Vegetation Patches Using Individual Seasonal Fused GF-1 Imagery. IEEE Access, 2020, 8, 228955-228966.	4.2	4
34	Remote sensing and mapping of vegetation community patches at Gudong Oil Field, China: a comparative use of SPOT 5 and ALOS data. Proceedings of SPIE, 2012, , .	0.8	3
35	Mapping quasi-circular vegetation patches using QuickBird image with an object-based approach. , 2017, , .		2
36	Using the CBERS-04 Multispectral Data Tasseled Cap Transformation to Detect the Quasi-Circular Vegetation Patches. , 2019, , .		2

#	Article	IF	Citations
37	Detection of quasi-circular vegetation patches using GF-2 image with tasseled cap and watershed transformations. IOP Conference Series: Materials Science and Engineering, 2020, 768, 062053.	0.6	2
38	An Assessment of GF-1 Fused Multispectral Images in Different Months of Spring for Mapping Quasi-Circular Vegetation Patch. Journal of Physics: Conference Series, 2020, 1575, 012168.	0.4	2
39	Mapping plant communities within quasiâ€circular vegetation patches using tasseled cap brightness, greenness, and topsoil grain size index derived from GF-1 imagery. Earth Science Informatics, 2021, 14, 975-984.	3.2	2
40	Sharpening the VNIR-SWIR-TIR Bands of the WIS of Tiangong-2 for Mapping Land Use and Land Cover. Lecture Notes in Electrical Engineering, 2019, , 212-221.	0.4	2
41	Comparison of different spatial resolution bands of SPOT 5 to plant community patch detection. , 2012, , .		1
42	Detection of quasi-circular vegetation community patches using circular hough transform based on ZY-3 satellite image in the Yellow River Delta, China. , 2013, , .		1
43	Using the Tassled Cap Transformation of the Fused GF-1 Multispectral Image to Detect the Quasic-Circular Vegetation Patches. , 2019, , .		1
44	A Tasseled Cap Transformation for GF-2 Fused Multispectral Images. , 2019, , .		1
45	An Evaluation of Several Pansharpening Methods for Mapping Quasi-circular Vegetation Patches Using GF-2 Imagery. IOP Conference Series: Materials Science and Engineering, 2020, 790, 012104.	0.6	0
46	Comparisons of Different Seasonal Fused GF-1 Multispectral Images for Mapping Quasi-circular Vegetation Patches. , 2020, , .		0
47	Quasi-circular Vegetation Patch Mapping with Multitemporal Kauth-Thomas Transformation of the mIHS Pansharpened GF-2 Images. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 8-15.	0.7	0
48	Detection of Vegetation Patch Growth by Absorption Feature Analysis on Tasseled Cap Brightness of Transects from Landsat 7 ETM+ Images. Advances in Intelligent Systems and Computing, 2020, , 425-432.	0.6	0