

# Huizeng Liu

## List of Publications by Year in descending order

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29  
papers

903  
citations

430874

18  
h-index

526287

27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

987  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Ocean Color Atmospheric Correction Methods for Sentinel-3 OLCI Using Global Automatic <i>In Situ</i> Observations. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-19.	6.3	8
2	Characteristics and trends of hillside urbanization in China from 2007 to 2017. <i>Habitat International</i> , 2022, 120, 102502.	5.8	9
3	A Glimpse of Ocean Color Remote Sensing From Moon-Based Earth Observations. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-11.	6.3	2
4	Improving satellite retrieval of oceanic particulate organic carbon concentrations using machine learning methods. <i>Remote Sensing of Environment</i> , 2021, 256, 112316.	11.0	49
5	Estimating ultraviolet reflectance from visible bands in ocean colour remote sensing. <i>Remote Sensing of Environment</i> , 2021, 258, 112404.	11.0	12
6	Digital mapping of zinc in urban topsoil using multisource geospatial data and random forest. <i>Science of the Total Environment</i> , 2021, 792, 148455.	8.0	28
7	Comparing hillside urbanizations of Beijing-Tianjin-Hebei, Yangtze River Delta and Guangdong-Hong Kong-Macau greater Bay area urban agglomerations in China. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 102, 102460.	2.8	10
8	Use of a multiscalar GRACE-based standardized terrestrial water storage index for assessing global hydrological droughts. <i>Journal of Hydrology</i> , 2021, 603, 126871.	5.4	18
9	Rapid Urbanization Induced Extensive Forest Loss to Urban Land in the Guangdong-Hong Kong-Macao Greater Bay Area, China. <i>Chinese Geographical Science</i> , 2021, 31, 93-108.	3.0	28
10	A Four-Step Method for Estimating Suspended Particle Size Based on In Situ Comprehensive Observations in the Pearl River Estuary in China. <i>Remote Sensing</i> , 2021, 13, 5172.	4.0	5
11	Small water bodies mapped from Sentinel-2 MSI (MultiSpectral Imager) imagery with higher accuracy. <i>International Journal of Remote Sensing</i> , 2020, 41, 7912-7930.	2.9	26
12	Rapid urbanization and policy variation greatly drive ecological quality evolution in Guangdong-Hong Kong-Macau Greater Bay Area of China: A remote sensing perspective. <i>Ecological Indicators</i> , 2020, 115, 106373.	6.3	94
13	High-Frequency Variations in Pearl River Plume Observed by Soil Moisture Active Passive Sea Surface Salinity. <i>Remote Sensing</i> , 2020, 12, 563.	4.0	5
14	Detecting Spatiotemporal Features and Rationalities of Urban Expansions within the Guangdong-Hong Kong-Macau Greater Bay Area of China from 1987 to 2017 Using Time-Series Landsat Images and Socioeconomic Data. <i>Remote Sensing</i> , 2019, 11, 2215.	4.0	33
15	Determining switching threshold for NIR-SWIR combined atmospheric correction algorithm of ocean color remote sensing. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019, 153, 59-73.	11.1	25
16	Revisiting effectiveness of turbidity index for the switching scheme of NIR-SWIR combined ocean color atmospheric correction algorithm. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 76, 1-9.	2.8	9
17	Adaptation and Validation of the Swire Algorithm for Sentinel-3 Over Complex Waters of Pearl River Estuary. , 2018, , .		1
18	Comparison of Machine Learning Techniques in Inferring Phytoplankton Size Classes. <i>Remote Sensing</i> , 2018, 10, 191.	4.0	44

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19	Comparison of Satellite-Derived Phytoplankton Size Classes Using In-Situ Measurements in the South China Sea. <i>Remote Sensing</i> , 2018, 10, 526.	4.0	18
20	Spectroscopic Diagnosis of Arsenic Contamination in Agricultural Soils. <i>Sensors</i> , 2017, 17, 1036.	3.8	20
21	Application of Sentinel 2 MSI Images to Retrieve Suspended Particulate Matter Concentrations in Poyang Lake. <i>Remote Sensing</i> , 2017, 9, 761.	4.0	107
22	Improving Spectral Estimation of Soil Organic Carbon Content through Semi-Supervised Regression. <i>Remote Sensing</i> , 2017, 9, 29.	4.0	23
23	Estimating orthophosphate phosphorus concentration in Shenzhen Bay with remote sensing and legacy in-situ measurements. , 2016, , .		1
24	Successive projections algorithm-based three-band vegetation index for foliar phosphorus estimation. <i>Ecological Indicators</i> , 2016, 67, 12-20.	6.3	27
25	New spectral metrics for mangrove forest identification. <i>Remote Sensing Letters</i> , 2016, 7, 885-894.	1.4	49
26	Estimation of arsenic in agricultural soils using hyperspectral vegetation indices of rice. <i>Journal of Hazardous Materials</i> , 2016, 308, 243-252.	12.4	84
27	Estimating leaf nitrogen concentration in heterogeneous crop plants from hyperspectral reflectance. <i>International Journal of Remote Sensing</i> , 2015, 36, 4652-4667.	2.9	29
28	Monitoring Arsenic Contamination in Agricultural Soils with Reflectance Spectroscopy of Rice Plants. <i>Environmental Science &amp; Technology</i> , 2014, 48, 6264-6272.	10.0	83
29	Soil Organic Carbon Content Estimation with Laboratory-Based Visible-Near-Infrared Reflectance Spectroscopy: Feature Selection. <i>Applied Spectroscopy</i> , 2014, 68, 831-837.	2.2	56