

Teng Fei

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,299
citations

361413

20
h-index

377865

34
g-index

58
all docs

58
docs citations

58
times ranked

1354
citing authors

#	ARTICLE	IF	CITATIONS
1	HIV-1 genetic transmission networks among people living with HIV/AIDS in Sichuan, China: a genomic and spatial epidemiological analysis. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 18, 100318.	2.9	9
2	Small Water Body Detection and Water Quality Variations with Changing Human Activity Intensity in Wuhan. <i>Remote Sensing</i> , 2022, 14, 200.	4.0	9
3	STICC: a multivariate spatial clustering method for repeated geographic pattern discovery with consideration of spatial contiguity. <i>International Journal of Geographical Information Science</i> , 2022, 36, 1518-1549.	4.8	8
4	Incorporation of intra-city human mobility into urban growth simulation: A case study in Beijing. <i>Journal of Chinese Geography</i> , 2022, 32, 892-912.	3.9	6
5	Estimating cadmium-lead concentrations in rice blades through fractional order derivatives of foliar spectra. <i>Biosystems Engineering</i> , 2022, 219, 177-188.	4.3	6
6	Emotional habitat: mapping the global geographic distribution of human emotion with physical environmental factors using a species distribution model. <i>International Journal of Geographical Information Science</i> , 2021, 35, 227-249.	4.8	11
7	Two hyperspectral indices for detecting cadmium and lead contamination from arice canopy spectrum. <i>Land Degradation and Development</i> , 2021, 32, 66-78.	3.9	7
8	Regional differences of hepatitis B discrimination in rural China. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 2257-2267.	3.3	3
9	Analyzing the association between emotions and socioeconomic characteristics of census tracts via user-generated content. <i>Transactions in GIS</i> , 2021, 25, 1049-1064.	2.3	3
10	Evaluation of Urban Vibrancy and Its Relationship with the Economic Landscape: A Case Study of Beijing. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 72.	2.9	19
11	Influencing Indicators and Spatial Variation of Diabetes Mellitus Prevalence in Shandong, China: A Framework for Using Data-Driven and Spatial Methods. <i>GeoHealth</i> , 2021, 5, e2020GH000320.	4.0	2
12	An In-Depth Analysis of Parking Patterns in a Typical Chinese Danwei via Customized Data Collection App. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 567.	2.9	0
13	Road PV production estimation at city scale: A predictive model towards feasible assessing regional energy generation from solar roads. <i>Journal of Cleaner Production</i> , 2021, 321, 129010.	9.3	12
14	GIS-Based Emotional Computing: A Review of Quantitative Approaches to Measure the Emotion Layer of Human-Environment Relationships. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 551.	2.9	19
15	Understanding the spatial dimension of natural language by measuring the spatial semantic similarity of words through a scalable geospatial context window. <i>PLoS ONE</i> , 2020, 15, e0236347.	2.5	5
16	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
17	A single-cell analysis of the molecular lineage of chordate embryogenesis. <i>Science Advances</i> , 2020, 6, .	10.3	18
18	Estimation of Organic Carbon in Anthropogenic Soil by VIS-NIR Spectroscopy: Effect of Variable Selection. <i>Remote Sensing</i> , 2020, 12, 3394.	4.0	20

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19	Reliability Demonstration Method for Competing Failure System. International Journal of Reliability, Quality and Safety Engineering, 2020, 27, 2050015.	0.6	4
20	Rapid Identification and Prediction of Cadmium-Lead Cross-Stress of Different Stress Levels in Rice Canopy Based on Visible and Near-Infrared Spectroscopy. Remote Sensing, 2020, 12, 469.	4.0	10
21	Quantifying the bias in place emotion extracted from photos on social networking sites: A case study on a university campus. Cities, 2020, 102, 102719.	5.6	18
22	Uncovering patterns of ties among regions within metropolitan areas using data from mobile phones and online mass media. Geo Journal, 2019, 84, 685-701.	3.1	8
23	A regionalization method for clustering and partitioning based on trajectories from NLP perspective. International Journal of Geographical Information Science, 2019, 33, 2385-2405.	4.8	19
24	Selection of the Optimal Spectral Resolution for the Cadmium-Lead Cross Contamination Diagnosing Based on the Hyperspectral Reflectance of Rice Canopy. Sensors, 2019, 19, 3889.	3.8	5
25	Extracting human emotions at different places based on facial expressions and spatial clustering analysis. Transactions in GIS, 2019, 23, 450-480.	2.3	53
26	Incorporating nocturnal UAV side-view images with VIIRS data for accurate population estimation: a test at the urban administrative district scale. International Journal of Remote Sensing, 2019, 40, 8528-8546.	2.9	9
27	Towards feasibility of photovoltaic road for urban traffic-solar energy estimation using street view image. Journal of Cleaner Production, 2019, 228, 303-318.	9.3	57
28	Measuring the vibrancy of urban neighborhoods using mobile phone data with an improved PageRank algorithm. Transactions in GIS, 2019, 23, 241-258.	2.3	20
29	The Influence of Spectral Pretreatment on the Selection of Representative Calibration Samples for Soil Organic Matter Estimation Using Vis-NIR Reflectance Spectroscopy. Remote Sensing, 2019, 11, 450.	4.0	45
30	A location-based social network system integrating mobile augmented reality and user generated content. , 2019, , .		6
31	Diagnosis of heavy metal cross contamination in leaf of rice based on hyperspectral image: a greenhouse experiment. , 2018, , .		5
32	Who are happier? Spatio-temporal Analysis of Worldwide Human Emotion Based on Geo-Crowdsourcing Faces. , 2018, , .		5
33	Integrating algebraic multigrid method in spatial aggregation of massive trajectory data. International Journal of Geographical Information Science, 2018, 32, 2477-2496.	4.8	4
34	Tea cultivar classification and biochemical parameter estimation from hyperspectral imagery obtained by UAV. PeerJ, 2018, 6, e4858.	2.0	17
35	Spectroscopic Diagnosis of Arsenic Contamination in Agricultural Soils. Sensors, 2017, 17, 1036.	3.8	20
36	Improving Spectral Estimation of Soil Organic Carbon Content through Semi-Supervised Regression. Remote Sensing, 2017, 9, 29.	4.0	23

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37	Estimating Soil Organic Carbon of Cropland Soil at Different Levels of Soil Moisture Using VIS-NIR Spectroscopy. Remote Sensing, 2016, 8, 755.	4.0	55
38	Statistical model development and estimation of suspended particulate matter concentrations with Landsat 8 OLI images of Dongting Lake, China. International Journal of Remote Sensing, 2015, 36, 343-360.	2.9	42
39	Transferability of a Visible and Near-Infrared Model for Soil Organic Matter Estimation in Riparian Landscapes. Remote Sensing, 2014, 6, 4305-4322.	4.0	34
40	Developing MODIS-based retrieval models of suspended particulate matter concentration in Dongting Lake, China. International Journal of Applied Earth Observation and Geoinformation, 2014, 32, 46-53.	2.8	27
41	Prediction of total nitrogen in cropland soil at different levels of soil moisture with Vis/NIR spectroscopy. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2014, 64, 267-281.	0.6	10
42	Monitoring Arsenic Contamination in Agricultural Soils with Reflectance Spectroscopy of Rice Plants. Environmental Science & Technology, 2014, 48, 6264-6272.	10.0	83
43	Comparison of multivariate methods for estimating soil total nitrogen with visible/near-infrared spectroscopy. Plant and Soil, 2013, 366, 363-375.	3.7	100
44	Estimation of nitrogen, phosphorus, and potassium contents in the leaves of different plants using laboratory-based visible and near-infrared reflectance spectroscopy: comparison of partial least-square regression and support vector machine regression methods. International Journal of Remote Sensing, 2013, 34, 2502-2518.	2.9	136
45	Specific absorption and backscattering coefficients of the main water constituents in Poyang Lake, China. Environmental Monitoring and Assessment, 2013, 185, 4191-4206.	2.7	9
46	Comparison of MODIS-based models for retrieving suspended particulate matter concentrations in Poyang Lake, China. International Journal of Applied Earth Observation and Geoinformation, 2013, 24, 63-72.	2.8	39
47	An approach for developing Landsat-5 TM-based retrieval models of suspended particulate matter concentration with the assistance of MODIS. ISPRS Journal of Photogrammetry and Remote Sensing, 2013, 85, 84-92.	11.1	41
48	Predicting foliar biochemistry of tea (Camellia sinensis) using reflectance spectra measured at powder, leaf and canopy levels. ISPRS Journal of Photogrammetry and Remote Sensing, 2013, 78, 148-156.	11.1	52
49	Estimating Carex quality with laboratory-based hyperspectral measurements. International Journal of Remote Sensing, 2013, 34, 1866-1878.	2.9	3
50	Using remotely sensed suspended sediment concentration variation to improve management of Poyang Lake, China. Lake and Reservoir Management, 2013, 29, 47-60.	1.3	51
51	A body temperature model for lizards as estimated from the thermal environment. Journal of Thermal Biology, 2012, 37, 56-64.	2.5	28
52	Predicting micro thermal habitat of lizards in a dynamic thermal environment. Ecological Modelling, 2012, 231, 126-133.	2.5	7
53	Absorption and backscattering coefficients and their relations to water constituents of Poyang Lake, China. Applied Optics, 2011, 50, 6358.	2.1	45
54	Reflectance Spectroscopy of Biochemical Components as Indicators of Tea ($Camellia\ sinensis$). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.6	22

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55	Assessment of underwater light climate for Lake Dahuchi using field spectral data and Landsat TM. International Journal of Remote Sensing, 2010, 31, 1625-1643.	2.9	4
56	Understanding lizard's microhabitat use based on a mechanistic model of behavioral thermoregulation. , 2008, , .		0
57	Potential of hyperspectral remote sensing on estimating foliar chemistry and predicting the quality of tea (Camellia sinensis). Proceedings of SPIE, 2008, , .	0.8	0