

Chen-Chieh Feng

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,059
citations

471061

17
h-index

500791

28
g-index

61
all docs

61
docs citations

61
times ranked

1160
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive digital elevation models construction method based on nonparametric regression. <i>Transactions in GIS</i> , 2022, 26, 2263-2282.	1.0	2
2	Contradiction or coordination? The spatiotemporal relationship between landscape ecological risks and urbanization from coupling perspectives in China. <i>Journal of Cleaner Production</i> , 2022, 363, 132557.	4.6	25
3	A Hierarchical Approach for Point Cloud Classification With 3D Contextual Features. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 5036-5048.	2.3	6
4	Spatiotemporal interaction between ecosystem services and urbanization in China: Incorporating the scarcity effects. <i>Journal of Cleaner Production</i> , 2021, 317, 128392.	4.6	21
5	Effects of pricing and infrastructure on car ownership: A pseudo-panel-based dynamic model. <i>Transportation Research, Part A: Policy and Practice</i> , 2021, 152, 115-126.	2.0	5
6	Integrating supply and demand factors for estimating ecosystem services scarcity value and its response to urbanization in typical mountainous and hilly regions of south China. <i>Science of the Total Environment</i> , 2021, 796, 149032.	3.9	25
7	Emotional Responses Through COVID-19 in Singapore. <i>Human Dynamics in Smart Cities</i> , 2021, , 61-79.	0.2	2
8	Using multi-scale and hierarchical deep convolutional features for 3D semantic classification of TLS point clouds. <i>International Journal of Geographical Information Science</i> , 2020, 34, 661-680.	2.2	15
9	Vehicle quota control, transport infrastructure investment and vehicle travel: A pseudo panel analysis. <i>Urban Studies</i> , 2020, 57, 2527-2546.	2.2	8
10	Chinese Temple Networks in Southeast Asia: A WebGIS Digital Humanities Platform for the Collaborative Study of the Chinese Diaspora in Southeast Asia. <i>Religions</i> , 2020, 11, 334.	0.3	9
11	Volunteered Geographic Information Research in the First Decade: Visualizing and Analyzing the Author Connectedness of Selected Journal Articles in GIScience. <i>Journal of Geovisualization and Spatial Analysis</i> , 2020, 4, 1.	2.1	3
12	Spatial heterogeneous relationship between ecosystem services and human disturbances: A case study in Chuandong, China. <i>Science of the Total Environment</i> , 2020, 721, 137818.	3.9	78
13	Volunteered geographic information research in the first decade: a narrative review of selected journal articles in GIScience. <i>International Journal of Geographical Information Science</i> , 2020, 34, 1765-1791.	2.2	58
14	Editorial: Tropical shifts. <i>Singapore Journal of Tropical Geography</i> , 2020, 41, 3-5.	0.6	3
15	Urban Mobility and Resilience: Transport Infrastructure Investment and the Demand for Travel. <i>Advances in 21st Century Human Settlements</i> , 2020, , 63-79.	0.3	2
16	Quantifying the Impact of Grain for Green Program on Ecosystem Service Management: A Case Study of Exibe Region, China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2311.	1.2	7
17	Generating a virtual tour for the preservation of the (in)tangible cultural heritage of Tampines Chinese Temple in Singapore. <i>Journal of Cultural Heritage</i> , 2019, 39, 202-211.	1.5	46
18	Editorial announcements and updates. <i>Singapore Journal of Tropical Geography</i> , 2019, 40, 3-4.	0.6	0

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19	Impact of Urbanization on Ecosystem Health: A Case Study in Zhuhai, China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4717.	1.2	25
20	Competing space and place identity with landscape change analysis using Web GIS through Singapore historical maps (1828–2015). <i>Singapore Journal of Tropical Geography</i> , 2019, 40, 181-198.	0.6	5
21	Coupling maximum entropy modeling with geotagged social media data to determine the geographic distribution of tourists. <i>International Journal of Geographical Information Science</i> , 2018, 32, 1699-1736.	2.2	16
22	The Effects of Rapid Urbanization on Forest Landscape Connectivity in Zhuhai City, China. <i>Sustainability</i> , 2018, 10, 3381.	1.6	15
23	Patterns of land change and their potential impacts on land surface temperature change in Yangon, Myanmar. <i>Science of the Total Environment</i> , 2018, 643, 738-750.	3.9	51
24	Interpreting the Fuzzy Semantics of Natural-Language Spatial Relation Terms with the Fuzzy Random Forest Algorithm. <i>ISPRS International Journal of Geo-Information</i> , 2018, 7, 58.	1.4	7
25	Are China's provincial boundaries misaligned?. <i>Applied Geography</i> , 2018, 98, 52-65.	1.7	16
26	Automating Parameter Learning for Classifying Terrestrial LiDAR Point Cloud Using 2D Land Cover Maps. <i>Remote Sensing</i> , 2018, 10, 1192.	1.8	10
27	Utilizing fuzzy set theory to assure the quality of volunteered geographic information. <i>Geo Journal</i> , 2017, 82, 517-532.	1.7	14
28	Assessing the role of landscape connectivity on <i>Opisthorchis viverrini</i> transmission dynamics. <i>Parasitology International</i> , 2017, 66, 402-412.	0.6	13
29	Exploratory Spatiotemporal Analysis in Risk Communication during the MERS Outbreak in South Korea. <i>Professional Geographer</i> , 2017, 69, 629-643.	1.0	19
30	Potential distributional changes of invasive crop pest species associated with global climate change. <i>Applied Geography</i> , 2017, 82, 83-92.	1.7	46
31	A simplified linear feature matching method using decision tree analysis, weighted linear directional mean, and topological relationships. <i>International Journal of Geographical Information Science</i> , 2017, 31, 1042-1060.	2.2	14
32	Cross-Linguistic Research on Landscape Categories Using GEOnet Names Server Data: A Case Study for Indonesia and Malaysia. <i>Professional Geographer</i> , 2017, 69, 567-578.	1.0	6
33	Classifying natural-language spatial relation terms with random forest algorithm. <i>International Journal of Geographical Information Science</i> , 2017, 31, 542-568.	2.2	20
34	Towards Enhancing Integrated Pest Management Based on Volunteered Geographic Information. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 224.	1.4	14
35	An Integrated Simplification Approach for 3D Buildings with Sloped and Flat Roofs. <i>ISPRS International Journal of Geo-Information</i> , 2016, 5, 128.	1.4	10
36	Individual transport emissions and the built environment: A structural equation modelling approach. <i>Transportation Research, Part A: Policy and Practice</i> , 2016, 92, 206-219.	2.0	27

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37	Representation and discovery of building patterns: a three-level relational approach. <i>International Journal of Geographical Information Science</i> , 2016, 30, 1161-1186.	2.2	25
38	Integrative representation and inference of qualitative locations about points, lines, and polygons. <i>International Journal of Geographical Information Science</i> , 2015, 29, 980-1006.	2.2	8
39	An ecological study of Bithynia snails, the first intermediate host of <i>Opisthorchis viverrini</i> in northeast Thailand. <i>Acta Tropica</i> , 2015, 141, 244-252.	0.9	28
40	Design and implementation strategy of a parallel agent-based Schelling model. <i>Computers, Environment and Urban Systems</i> , 2015, 49, 30-41.	3.3	6
41	Multiple Regression and Artificial Neural Network for the Prediction of Crop Pest Risks. <i>Lecture Notes in Business Information Processing</i> , 2015, , 73-84.	0.8	9
42	Multi-scale Qualitative Location: A Topology-based Model. <i>Transactions in GIS</i> , 2014, 18, 604-631.	1.0	3
43	Combining GeoSOM and Hierarchical Clustering to Explore Geospatial Data. <i>Transactions in GIS</i> , 2014, 18, 125-146.	1.0	15
44	Comparing English, Mandarin, and Russian hydrographic and terrain categories. <i>International Journal of Geographical Information Science</i> , 2014, 28, 1294-1315.	2.2	4
45	An Ontology Design Pattern for Surface Water Features. <i>Lecture Notes in Computer Science</i> , 2014, , 187-203.	1.0	12
46	Mapping Geospatial Metadata to Open Provenance Model. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013, 51, 5073-5081.	2.7	7
47	Multi-scale qualitative location: A direction-based model. <i>Computers, Environment and Urban Systems</i> , 2013, 41, 151-166.	3.3	4
48	Environmental determinants of <i>Opisthorchis viverrini</i> prevalence in northeast Thailand. <i>Geospatial Health</i> , 2013, 8, 111.	0.3	17
49	Asian Primate Species Richness Correlates with Rainfall. <i>PLoS ONE</i> , 2013, 8, e54995.	1.1	7
50	Exploratory spatial analysis of typhoon characteristics in the North Pacific basin. <i>Geological Society Special Publication</i> , 2012, 361, 187-194.	0.8	3
51	Estimation of Root Zone Soil Moisture Using Apparent Thermal Inertia With MODIS Imagery Over a Tropical Catchment in Northern Thailand. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2012, 5, 752-761.	2.3	31
52	Integrating Multi-Sensor Remote Sensing Data for Land Use/Cover Mapping in a Tropical Mountainous Area in Northern Thailand. <i>Geographical Research</i> , 2012, 50, 320-331.	0.9	16
53	How Do Snails Meet Fish? Landscape Perspective Needed to Study Parasite Prevalence. <i>EcoHealth</i> , 2011, 8, 258-260.	0.9	12
54	GIScience research challenges for emergency management in Southeast Asia. <i>Natural Hazards</i> , 2011, 59, 597-616.	1.6	19

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55	Patterns and trends in land-use land-cover change research explored using self-organizing map. International Journal of Remote Sensing, 2011, 32, 3765-3790.	1.3	8
56	Ontology-based Qualitative Feature Analysis: Bays as a Case Study. Transactions in GIS, 2010, 14, 547-568.	1.0	9
57	On quantifying the sinuosity of typhoon tracks in the western North Pacific basin. Applied Geography, 2010, 30, 678-686.	1.7	22
58	Potential Malaria Reemergence, Northeastern Thailand. Emerging Infectious Diseases, 2009, 15, 1330-1331.	2.0	20
59	Landscape determinants and remote sensing of anopheline mosquito larval habitats in the western Kenya highlands. Malaria Journal, 2006, 5, 13.	0.8	119
60	Modeling Surface Hydrology Concepts with Endurance and Perdurance. Lecture Notes in Computer Science, 2004, , 67-80.	1.0	9