

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	Landscape determinants and remote sensing of anopheline mosquito larval habitats in the western Kenya highlands. <i>Malaria Journal</i> , 2006, 5, 13.	0.8	119
2	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
3	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
4	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
5	Potential distributional changes of invasive crop pest species associated with global climate change. <i>Applied Geography</i> , 2017, 82, 83-92.	1.7	46
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	On quantifying the sinuosity of typhoon tracks in the western North Pacific basin. <i>Applied Geography</i> , 2010, 30, 678-686.	1.7	22
15	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
16	Potential Malaria Reemergence, Northeastern Thailand. <i>Emerging Infectious Diseases</i> , 2009, 15, 1330-1331.	2.0	20
17	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
18	GIScience research challenges for emergency management in Southeast Asia. <i>Natural Hazards</i> , 2011, 59, 597-616.	1.6	19

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19	Exploratory Spatiotemporal Analysis in Risk Communication during the MERS Outbreak in South Korea. <i>Professional Geographer</i> , 2017, 69, 629-643.	1.0	19
20	Environmental determinants of <i>Opisthorchis viverrini</i> prevalence in northeast Thailand. <i>Geospatial Health</i> , 2013, 8, 111.	0.3	17
21	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
22	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
23	Are China's provincial boundaries misaligned?. <i>Applied Geography</i> , 2018, 98, 52-65.	1.7	16
24	Combining Geo-SOM and Hierarchical Clustering to Explore Geospatial Data. <i>Transactions in GIS</i> , 2014, 18, 125-146.	1.0	15
25	The Effects of Rapid Urbanization on Forest Landscape Connectivity in Zhuhai City, China. <i>Sustainability</i> , 2018, 10, 3381.	1.6	15
26	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
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	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
29	Towards Enhancing Integrated Pest Management Based on Volunteered Geographic Information. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 224.	1.4	14
30	Assessing the role of landscape connectivity on <i>Opisthorchis viverrini</i> transmission dynamics. <i>Parasitology International</i> , 2017, 66, 402-412.	0.6	13
31	How Do Snails Meet Fish? Landscape Perspective Needed to Study Parasite Prevalence. <i>EcoHealth</i> , 2011, 8, 258-260.	0.9	12
32	An Ontology Design Pattern for Surface Water Features. <i>Lecture Notes in Computer Science</i> , 2014, , 187-203.	1.0	12
33	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
34	Automating Parameter Learning for Classifying Terrestrial LiDAR Point Cloud Using 2D Land Cover Maps. <i>Remote Sensing</i> , 2018, 10, 1192.	1.8	10
35	Ontology-based Qualitative Feature Analysis: Bays as a Case Study. <i>Transactions in GIS</i> , 2010, 14, 547-568.	1.0	9
36	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

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37	Multiple Regression and Artificial Neural Network for the Prediction of Crop Pest Risks. Lecture Notes in Business Information Processing, 2015, , 73-84.	0.8	9
38	Modeling Surface Hydrology Concepts with Endurance and Perdurance. Lecture Notes in Computer Science, 2004, , 67-80.	1.0	9
39	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
40	Integrative representation and inference of qualitative locations about points, lines, and polygons. International Journal of Geographical Information Science, 2015, 29, 980-1006.	2.2	8
41	Vehicle quota control, transport infrastructure investment and vehicle travel: A pseudo panel analysis. Urban Studies, 2020, 57, 2527-2546.	2.2	8
42	Mapping Geospatial Metadata to Open Provenance Model. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 5073-5081.	2.7	7
43	Asian Primate Species Richness Correlates with Rainfall. PLoS ONE, 2013, 8, e54995.	1.1	7
44	Interpreting the Fuzzy Semantics of Natural-Language Spatial Relation Terms with the Fuzzy Random Forest Algorithm. ISPRS International Journal of Geo-Information, 2018, 7, 58.	1.4	7
45	Quantifying the Impact of Grain for Green Program on Ecosystem Service Management: A Case Study of Exibe Region, China. International Journal of Environmental Research and Public Health, 2019, 16, 2311.	1.2	7
46	Design and implementation strategy of a parallel agent-based Schelling model. Computers, Environment and Urban Systems, 2015, 49, 30-41.	3.3	6
47	Cross-Linguistic Research on Landscape Categories Using GEOnet Names Server Data: A Case Study for Indonesia and Malaysia. Professional Geographer, 2017, 69, 567-578.	1.0	6
48	A Hierarchical Approach for Point Cloud Classification With 3D Contextual Features. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 5036-5048.	2.3	6
49	Competing space and place identity with landscape change analysis using Web GIS through Singapore historical maps (1828â€“2015). Singapore Journal of Tropical Geography, 2019, 40, 181-198.	0.6	5
50	Effects of pricing and infrastructure on car ownership: A pseudo-panel-based dynamic model. Transportation Research, Part A: Policy and Practice, 2021, 152, 115-126.	2.0	5
51	Multi-scale qualitative location: A direction-based model. Computers, Environment and Urban Systems, 2013, 41, 151-166.	3.3	4
52	Comparing English, Mandarin, and Russian hydrographic and terrain categories. International Journal of Geographical Information Science, 2014, 28, 1294-1315.	2.2	4
53	Exploratory spatial analysis of typhoon characteristics in the North Pacific basin. Geological Society Special Publication, 2012, 361, 187-194.	0.8	3
54	Multi-scale Qualitative Location: A Topology-based Model. Transactions in GIS, 2014, 18, 604-631.	1.0	3

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55	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
56	Editorial: Tropical shifts. <i>Singapore Journal of Tropical Geography</i> , 2020, 41, 3-5.	0.6	3
57	Emotional Responses Through COVID-19 in Singapore. <i>Human Dynamics in Smart Cities</i> , 2021, , 61-79.	0.2	2
58	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
59	Adaptive digital elevation models construction method based on nonparametric regression. <i>Transactions in GIS</i> , 2022, 26, 2263-2282.	1.0	2
60	Editorial announcements and updates. <i>Singapore Journal of Tropical Geography</i> , 2019, 40, 3-4.	0.6	0