Hong Zhang

List of Publications by Year
in descending order

27	580	687363	642732
papers	**citations**	13	23
		h-index	**g-index**

27	27	27	460
all docs	**docs citations**	**times ranked**	**citing authors**

#	Article	IF	Citations
1	Science and technology insurance and regional innovation: evidence from provincial panel data in China. Technology Analysis and Strategic Management, 2024, 36, 746-764.	3.5	16
2	A Joint Landscape Metric and Error Image Approach to Unsupervised Band Selection for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	2
3	Fractal evolution of urban street networks in form and structure: a case study of Hong Kong. International Journal of Geographical Information Science, 2022, 36, 1100-1118.	4.8	23
4	Where are equity and service effectiveness? A tale from public transport in Shanghai. Journal of Transport Geography, 2022, 98, 103275.	5.0	7
5	Near "real-time" estimation of excess commuting from open-source data: Evidence from China's megacities. Journal of Transport Geography, 2021, 91, 102929.	5.0	7
6	Wasserstein metric-based Boltzmann entropy of a landscape mosaic: a clarification, correction, and evaluation of thermodynamic consistency. Landscape Ecology, 2021, 36, 815-827.	4.2	7
7	Imbalance deep multi-instance learning for predicting isoform–isoform interactions. International Journal of Intelligent Systems, 2021, 36, 2797-2824.	5.7	8
8	Exploring the Structural Fractality of Urban Road Networks by Different Representations. Professional Geographer, 2021, 73, 348-362.	1.8	4
9	Competitiveness or Complementarity? A Dynamic Network Analysis of International Agri-Trade along the Belt and Road. Applied Spatial Analysis and Policy, 2020, 13, 349-374.	2.0	27
10	Visualising the expansion and spread of coronavirus disease 2019 by cartograms. Environment and Planning A, 2020, 52, 698-701.	3.6	37
11	A Head/Tail Breaks-Based Method for Efficiently Estimating the Absolute Boltzmann Entropy of Numerical Raster Data. ISPRS International Journal of Geo-Information, 2020, 9, 103.	2.9	6
12	Calculating the Wasserstein Metric-Based Boltzmann Entropy of a Landscape Mosaic. Entropy, 2020, 22, 381.	2.2	14
13	Mapping the changing Internet attention to the spread of coronavirus disease 2019 in China. Environment and Planning A, 2020, 52, 691-694.	3.6	10
14	The structural and spatial properties of the high-speed railway network in China: A complex network perspective. Journal of Rail Transport Planning and Management, 2019, 9, 46-56.	1.4	33
15	Characterizing the Structure of the Railway Network in China: A Complex Weighted Network Approach. Journal of Advanced Transportation, 2019, 2019, 1-10.	1.7	15
16	Urban Allometric Scaling Beneath Structural Fractality of Road Networks. Annals of the American Association of Geographers, 2019, 109, 943-957.	2.2	17
17	Boltzmann Entropy-Based Unsupervised Band Selection for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 462-466.	3.1	45
18	An efficient analytical method for computing the Boltzmann entropy of a landscape gradient. Transactions in GIS, 2018, 22, 1046-1063.	2.3	25

#	Article	IF	Citations
19	Spatial heterogeneity of ports in the global maritime network detected by weighted ego network analysis. Maritime Policy and Management, 2018, 45, 89-104.	3.8	62
20	Mapping the hierarchical structure of the global shipping network by weighted ego network analysis. International Journal of Shipping and Transport Logistics, 2018, 10, 63.	0.5	29
21	Thermodynamics-Based Evaluation of Various Improved Shannon Entropies for Configurational Information of Gray-Level Images. Entropy, 2018, 20, 19.	2.2	30
22	A hierarchy-based solution to calculate the configurational entropy of landscape gradients. Landscape Ecology, 2017, 32, 1133.	4.2	46
23	A Comparative Study of Various Properties to Measure the Road Hierarchy in Road Networks. Advances in Geographic Information Science, 2017, , 157-166.	0.6	1
24	Fractal dimensions of metropolitan area road networks and the impacts on the urban built environment. Ecological Indicators, 2016, 70, 285-296.	6.3	35
25	Relationships between fractal road and drainage networks in Wuling mountainous area: Another symmetric understanding of human-environment relations. Journal of Mountain Science, 2014, 11, 1060-1069.	2.0	6
26	Fractality and Self-Similarity in the Structure of Road Networks. Annals of the American Association of Geographers, 2012, 102, 350-365.	3.0	40
27	Weighted ego network for forming hierarchical structure of road networks. International Journal of Geographical Information Science, 2011, 25, 255-272.	4.8	28