Hyun Kim

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6050518/publications.pdf

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37	651	516710 16	580821 25
papers	citations	h-index	g-index

37	37	37	592
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reliable pâ€Hub Location Problems in Telecommunication Networks. Geographical Analysis, 2009, 41, 283-306.	3.5	122
2	Modeling interregional commodity flows with incorporating network autocorrelation in spatial interaction models: An application of the US interstate commodity flows. Computers, Environment and Urban Systems, 2012, 36, 583-591.	7.1	38
3	An integrated measure of accessibility and reliability of mass transit systems. Transportation, 2018, 45, 1075-1100.	4.0	37
4	Delimitation of Functional Regions Using a p-Regions Problem Approach. International Regional Science Review, 2015, 38, 235-263.	2.1	35
5	P-hub protection models for survivable hub network design. Journal of Geographical Systems, 2012, 14, 437-461.	3.1	33
6	Integrating airline operational practices into passenger airline hub definition. Journal of Transport Geography, 2013, 31, 84-93.	5.0	33
7	Internet Reliability with Realistic Peering. Environment and Planning B: Planning and Design, 2006, 33, 325-343.	1.7	30
8	The impact of airline mergers and hub reorganization on aviation fuel consumption. Journal of Cleaner Production, 2014, 85, 395-407.	9.3	30
9	US cities can manage national hydrology and biodiversity using local infrastructure policy. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9581-9586.	7.1	23
10	Locating healthcare facilities using a network-based covering location problem. Geo Journal, 2016, 81, 875-890.	3.1	22
11	Strategically Locating Wildlife Crossing Structures for <scp>F</scp>lorida Panthers Using Maximal Covering Approaches. Transactions in GIS, 2014, 18, 46-65.	2.3	21
12	Spatial optimization for regionalization problems with spatial interaction: a heuristic approach. International Journal of Geographical Information Science, 2016, 30, 451-473.	4.8	20
13	Assessing network vulnerability of heavy rail systems with the impact of partial node failures. Transportation, 2019, 46, 1591-1614.	4.0	20
14	Examining Accessibility and Reliability in the Evolution of Subway Systems. Journal of Public Transportation, 2015, 18, 89-106.	1.2	20
15	Efficient identification of geographic restriction conditions in anti-covering location models using GIS. Letters in Spatial and Resource Sciences, 2008, 1, 159-169.	2.5	19
16	Network Reliability and Resilience of Rapid Transit Systems. Professional Geographer, 2016, 68, 53-65.	1.8	19
17	Information Flows on the Internet of Korea. Journal of Urban Technology, 2003, 10, 61-87.	4.7	18
18	pâ€Functional Clusters Location Problem for Detecting Spatial Clusters with Covering Approach. Geographical Analysis, 2017, 49, 101-121.	3.5	12

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19	Preventive Dental Care Utilization in Asian Americans in Austin, Texas: Does Neighborhood Matter?. International Journal of Environmental Research and Public Health, 2018, 15, 2261.	2.6	11
20	Transit network expansion and accessibility implications: A case study of Gwangju metropolitan area, South Korea. Research in Transportation Economics, 2018, 69, 544-553.	4.1	11
21	Survivability of Commercial Backbones with Peering: A Case Study of Korean Networks. , 2007, , 107-128.		11
22	Spatial autocorrelation informed approaches to solving locationâ€“allocation problems. Spatial Statistics, 2022, 50, 100612.	1.9	10
23	The q-Ad Hoc Hub Location Problem for Multi-modal Networks. Networks and Spatial Economics, 2017, 17, 1015-1041.	1.6	9
24	Analyzing the Effect of Neighborhood Characteristics on the Spatial Pattern of Primary Care Physician Locations in Hillsborough County, Florida. Papers in Applied Geography, 2015, 1, 79-85.	1.4	7
25	Evolution of Subway Network Systems, Subway Accessibility, and Change of Urban Landscape. International Journal of Applied Geospatial Research, 2015, 6, 53-76.	0.3	6
26	Dijkstraâ€™s-DBSCAN: Fast, Accurate, and Routable Density Based Clustering of Traffic Incidents on Large Road Network. Transportation Research Record, 2018, 2672, 265-273.	1.9	6
27	Examining Spatial Disparities of Obesity: Residential Segregation and the Urbanâ€“Rural Divide. Professional Geographer, 2020, 72, 206-218.	1.8	4
28	Examining Day-to-Day Dynamic Transit Accessibility Using Functional Data Analysis. Professional Geographer, 2022, 74, 503-515.	1.8	4
29	Effects of Neighborhood Characteristics on Length of Inpatient Stay: Findings from the U.S. National Data. Social Work Research, 2016, 40, 117-126.	0.6	3
30	Partial Node Failure in Shortest Path Network Problems. Sustainability, 2019, 11, 6275.	3.2	3
31	Assessing network vulnerability using shortest path network problems. Journal of Transportation Safety and Security, 2021, 13, 1-25.	1.6	3
32	Local network connectivity optimization: an evaluation of heuristics applied to complex spatial networks, a transportation case study, and a spatial social network. PeerJ Computer Science, 2021, 7, e605.	4.5	3
33	Measuring Robustness and Coverage of Transportation Networks with Multiple Routes and Hubs. Annals of the American Association of Geographers, 2022, 112, 1741-1760.	2.2	3
34	Assessing Trauma Center Accessibility for Healthcare Equity Using an Anti-Covering Approach. International Journal of Environmental Research and Public Health, 2022, 19, 1459.	2.6	2
35	A non-parametric distance-based method using all available indicators for integrated environmental assessmentÂâ€“Âa case study of the Mid-Atlantic Region, USA. Journal of Environmental Planning and Management, 2019, 62, 766-778.	4.5	1
36	The Majority Theorem for the Single (pÂ=Â1) Median Problem and Local Spatial Autocorrelation. Geographical Analysis, 2023, 55, 107-124.	3.5	1

#	Article	IF	Citations
37	Mobility Dynamics amid COVID-19 with a Case Study in Tennessee. Transportation Research Record, 2023, 2677, 946-959.	1.9	1