

Hyun Kim

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

651
citations

516710

16
h-index

580821

25
g-index

37
all docs

37
docs citations

37
times ranked

592
citing authors

#	ARTICLE	IF	CITATIONS
1	The Majority Theorem for the Single ($p=1$) Median Problem and Local Spatial Autocorrelation. <i>Geographical Analysis</i> , 2023, 55, 107-124.	3.5	1
2	Mobility Dynamics amid COVID-19 with a Case Study in Tennessee. <i>Transportation Research Record</i> , 2023, 2677, 946-959.	1.9	1
3	Assessing Trauma Center Accessibility for Healthcare Equity Using an Anti-Covering Approach. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1459.	2.6	2
4	Spatial autocorrelation informed approaches to solving location-allocation problems. <i>Spatial Statistics</i> , 2022, 50, 100612.	1.9	10
5	Measuring Robustness and Coverage of Transportation Networks with Multiple Routes and Hubs. <i>Annals of the American Association of Geographers</i> , 2022, 112, 1741-1760.	2.2	3
6	Examining Day-to-Day Dynamic Transit Accessibility Using Functional Data Analysis. <i>Professional Geographer</i> , 2022, 74, 503-515.	1.8	4
7	Assessing network vulnerability using shortest path network problems. <i>Journal of Transportation Safety and Security</i> , 2021, 13, 1-25.	1.6	3
8	Local network connectivity optimization: an evaluation of heuristics applied to complex spatial networks, a transportation case study, and a spatial social network. <i>PeerJ Computer Science</i> , 2021, 7, e605.	4.5	3
9	Examining Spatial Disparities of Obesity: Residential Segregation and the Urban-Rural Divide. <i>Professional Geographer</i> , 2020, 72, 206-218.	1.8	4
10	Partial Node Failure in Shortest Path Network Problems. <i>Sustainability</i> , 2019, 11, 6275.	3.2	3
11	Assessing network vulnerability of heavy rail systems with the impact of partial node failures. <i>Transportation</i> , 2019, 46, 1591-1614.	4.0	20
12	A non-parametric distance-based method using all available indicators for integrated environmental assessment—a case study of the Mid-Atlantic Region, USA. <i>Journal of Environmental Planning and Management</i> , 2019, 62, 766-778.	4.5	1
13	An integrated measure of accessibility and reliability of mass transit systems. <i>Transportation</i> , 2018, 45, 1075-1100.	4.0	37
14	Preventive Dental Care Utilization in Asian Americans in Austin, Texas: Does Neighborhood Matter?. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2261.	2.6	11
15	Dijkstra's-DBSCAN: Fast, Accurate, and Routable Density Based Clustering of Traffic Incidents on Large Road Network. <i>Transportation Research Record</i> , 2018, 2672, 265-273.	1.9	6
16	Transit network expansion and accessibility implications: A case study of Gwangju metropolitan area, South Korea. <i>Research in Transportation Economics</i> , 2018, 69, 544-553.	4.1	11
17	Functional Clusters Location Problem for Detecting Spatial Clusters with Covering Approach. <i>Geographical Analysis</i> , 2017, 49, 101-121.	3.5	12
18	US cities can manage national hydrology and biodiversity using local infrastructure policy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9581-9586.	7.1	23

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19	The q-Ad Hoc Hub Location Problem for Multi-modal Networks. <i>Networks and Spatial Economics</i> , 2017, 17, 1015-1041.	1.6	9
20	Locating healthcare facilities using a network-based covering location problem. <i>Geo Journal</i> , 2016, 81, 875-890.	3.1	22
21	Effects of Neighborhood Characteristics on Length of Inpatient Stay: Findings from the U.S. National Data. <i>Social Work Research</i> , 2016, 40, 117-126.	0.6	3
22	Network Reliability and Resilience of Rapid Transit Systems. <i>Professional Geographer</i> , 2016, 68, 53-65.	1.8	19
23	Spatial optimization for regionalization problems with spatial interaction: a heuristic approach. <i>International Journal of Geographical Information Science</i> , 2016, 30, 451-473.	4.8	20
24	Analyzing the Effect of Neighborhood Characteristics on the Spatial Pattern of Primary Care Physician Locations in Hillsborough County, Florida. <i>Papers in Applied Geography</i> , 2015, 1, 79-85.	1.4	7
25	Evolution of Subway Network Systems, Subway Accessibility, and Change of Urban Landscape. <i>International Journal of Applied Geospatial Research</i> , 2015, 6, 53-76.	0.3	6
26	Delimitation of Functional Regions Using a <i>p</i> -Regions Problem Approach. <i>International Regional Science Review</i> , 2015, 38, 235-263.	2.1	35
27	Examining Accessibility and Reliability in the Evolution of Subway Systems. <i>Journal of Public Transportation</i> , 2015, 18, 89-106.	1.2	20
28	The impact of airline mergers and hub reorganization on aviation fuel consumption. <i>Journal of Cleaner Production</i> , 2014, 85, 395-407.	9.3	30
29	Strategically Locating Wildlife Crossing Structures for Florida Panthers Using Maximal Covering Approaches. <i>Transactions in GIS</i> , 2014, 18, 46-65.	2.3	21
30	Integrating airline operational practices into passenger airline hub definition. <i>Journal of Transport Geography</i> , 2013, 31, 84-93.	5.0	33
31	P-hub protection models for survivable hub network design. <i>Journal of Geographical Systems</i> , 2012, 14, 437-461.	3.1	33
32	Modeling interregional commodity flows with incorporating network autocorrelation in spatial interaction models: An application of the US interstate commodity flows. <i>Computers, Environment and Urban Systems</i> , 2012, 36, 583-591.	7.1	38
33	Reliable p-Hub Location Problems in Telecommunication Networks. <i>Geographical Analysis</i> , 2009, 41, 283-306.	3.5	122
34	Efficient identification of geographic restriction conditions in anti-covering location models using GIS. <i>Letters in Spatial and Resource Sciences</i> , 2008, 1, 159-169.	2.5	19
35	Survivability of Commercial Backbones with Peering: A Case Study of Korean Networks. , 2007, , 107-128.		11
36	Internet Reliability with Realistic Peering. <i>Environment and Planning B: Planning and Design</i> , 2006, 33, 325-343.	1.7	30

#	ARTICLE	IF	CITATIONS
37	Information Flows on the Internet of Korea. Journal of Urban Technology, 2003, 10, 61-87.	4.7	18