

Morton O'Kelly

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

5,326
citations

134610

34
h-index

116156

66
g-index

73
all docs

73
docs citations

73
times ranked

2556
citing authors

#	ARTICLE	IF	CITATIONS
1	An Empirical Study of Commuting Efficiency Between Different Educational Categories of Workers in Shanghai. <i>Geographical Analysis</i> , 2022, 54, 820-838.	1.9	4
2	Examination of cost-efficient aircraft fleets using empirical operation data in US aviation markets. <i>Journal of Air Transport Management</i> , 2018, 69, 224-234.	2.4	12
3	The gateway hub location problem. <i>Journal of Air Transport Management</i> , 2018, 73, 95-112.	2.4	11
4	Formulations and decomposition methods for the incomplete hub location network design problem with and without hop-constraints. <i>Applied Mathematical Modelling</i> , 2017, 51, 274-301.	2.2	31
5	Origin-destination synthesis for aviation network data: examining hub operations in the domestic and international US markets. <i>Journal of Advanced Transportation</i> , 2016, 50, 2288-2305.	0.9	14
6	Global Airline Networks: Comparative Nodal Access Measures. <i>Spatial Economic Analysis</i> , 2016, 11, 253-275.	0.8	17
7	<i>Spatial Interaction</i> , 2015, , 152-156.		7
8	Synthesizing spatial interaction data for social science research: Validation and an investigation of spatial mismatch in Wichita, Kansas. <i>Computers, Environment and Urban Systems</i> , 2015, 54, 204-218.	3.3	25
9	Network Hub Structure and Resilience. <i>Networks and Spatial Economics</i> , 2015, 15, 235-251.	0.7	54
10	Hub Location and Network Design with Fixed and Variable Costs. , 2015, , .		1
11	Measuring segregation using patterns of daily travel behavior: A social interaction based model of exposure. <i>Journal of Transport Geography</i> , 2015, 49, 26-38.	2.3	83
12	Hub Location Problems with Price Sensitive Demands. <i>Networks and Spatial Economics</i> , 2015, 15, 917-945.	0.7	29
13	Multiple Allocation Hub Location Model with Fixed Arc Costs. <i>Geographical Analysis</i> , 2015, 47, 73-96.	1.9	37
14	Air freight hubs in the FedEx system: Analysis of fuel use. <i>Journal of Air Transport Management</i> , 2014, 36, 1-12.	2.4	27
15	A two-stage hub location method for air transportation in Brazil. <i>International Transactions in Operational Research</i> , 2014, 21, 275-289.	1.8	15
16	Fuel burn rates of commercial passenger aircraft: variations by seat configuration and stage distance. <i>Journal of Transport Geography</i> , 2014, 41, 137-147.	2.3	51
17	<i>Geographical Analysis</i> : Its First 40 Years. <i>Geographical Analysis</i> , 2013, 45, 1-27.	1.9	15
18	Spatial interaction models from Irish commuting data: variations in trip length by occupation and gender. <i>Journal of Geographical Systems</i> , 2012, 14, 357-387.	1.9	37

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19	Twenty-Five Years of Hub Location Research. <i>Transportation Science</i> , 2012, 46, 153-169.	2.6	405
20	Competitive Location Modeling with a Rank Proportional Allocation. <i>Environment and Planning B: Planning and Design</i> , 2011, 38, 411-428.	1.7	4
21	Examining Commuting Patterns. <i>Urban Studies</i> , 2011, 48, 891-909.	2.2	64
22	Routing Traffic at Hub Facilities. <i>Networks and Spatial Economics</i> , 2010, 10, 173-191.	0.7	29
23	Entropy-Based Spatial Interaction Models for Trip Distribution. <i>Geographical Analysis</i> , 2009, 41, 472-487.	1.9	20
24	Hub Network Location. <i>Journal of Geographical Systems</i> , 2009, 11, 83-87.		0
25	Rectilinear minimax hub location problems. <i>Journal of Geographical Systems</i> , 2009, 11, 227-241.	1.9	11
26	EXPLORING LOCATIONAL EQUILIBRIA IN A COMPETITIVE BROADBAND ACCESS MARKET: THEORETICAL MODELING APPROACH. <i>Journal of Regional Science</i> , 2009, 49, 953-975.	2.1	4
27	Reliable p-Hub Location Problems in Telecommunication Networks. <i>Geographical Analysis</i> , 2009, 41, 283-306.	1.9	122
28	Are Long Commute Distances Inefficient and Disorderly?. <i>Environment and Planning A</i> , 2009, 41, 2741-2759.	2.1	30
29	Regional service coverage modeling. <i>Computers and Operations Research</i> , 2008, 35, 339-355.	2.4	81
30	A bootstrap based space-time surveillance model with an application to crime occurrences. <i>Journal of Geographical Systems</i> , 2008, 10, 141-165.	1.9	19
31	Choice-Based Estimation of Alonso's Theory of Movement: Methods and Experiments. <i>Environment and Planning A</i> , 2008, 40, 1076-1089.	2.1	1
32	Efficient spatial interaction: attainable reductions in metropolitan average trip length. <i>Journal of Transport Geography</i> , 2008, 16, 313-323.	2.3	31
33	Is non-work travel excessive?. <i>Journal of Transport Geography</i> , 2007, 15, 411-416.	2.3	37
34	The Impact of Accessibility Change on the Geography of Crop Production: A Reexamination of the Illinois and Michigan Canal Using GIS. <i>Annals of the American Association of Geographers</i> , 2007, 97, 49-63.	3.0	5
35	Internet Reliability with Realistic Peering. <i>Environment and Planning B: Planning and Design</i> , 2006, 33, 325-343.	1.7	30
36	Bayesian Estimation of Statewide OD Flows Using Link Volumes Estimated from Combined Information in Remotely Sensed Data and Ground Counts. <i>Journal of Geographical Systems</i> , 2006, 8, 418.		0

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37	Identifying truck correspondence in multi-frame imagery. <i>Transportation Research Part C: Emerging Technologies</i> , 2005, 13, 1-17.	3.9	8
38	A Combined Cluster and Interaction Model: The Hierarchical Assignment Problem. <i>Geographical Analysis</i> , 2005, 37, 315-335.	1.9	14
39	Disaggregate Journey-to-Work Data: Implications for Excess Commuting and Jobsâ€“Housing Balance. <i>Environment and Planning A</i> , 2005, 37, 2233-2252.	2.1	103
40	Isardâ€™s contributions to spatial interaction modeling. <i>Journal of Geographical Systems</i> , 2004, 6, 43-54.	1.9	9
41	A lattice covering model for evaluating existing service facilities. <i>Papers in Regional Science</i> , 2004, 83, 565-580.	1.0	10
42	Aggregate accessibility to population at the county level: U.S. 1940-2000. <i>Journal of Geographical Systems</i> , 2003, 5, 5-23.	1.9	47
43	Recent advances in accessibility research: Representation, methodology and applications. <i>Journal of Geographical Systems</i> , 2003, 5, 129-138.	1.9	179
44	A geographic perspective on commercial Internet survivability. <i>Telematics and Informatics</i> , 2003, 20, 51-69.	3.5	67
45	Backbone Topology, Access, and the Commercial Internet, 1997â€“2000. <i>Environment and Planning B: Planning and Design</i> , 2002, 29, 533-552.	1.7	52
46	Assessing representation error in point-based coverage modeling. <i>Journal of Geographical Systems</i> , 2002, 4, 171-191.	1.9	83
47	Using Points of Presence to Measure Accessibility to the Commercial Internet. <i>Professional Geographer</i> , 2002, 54, 259-278.	1.0	51
48	Embedding economies of scale concepts for hub network design. <i>Journal of Transport Geography</i> , 2001, 9, 255-265.	2.3	119
49	Retail market share and saturation. <i>Journal of Retailing and Consumer Services</i> , 2001, 8, 37-45.	5.3	12
50	Detecting outliers in irregularly distributed spatial data sets by locally adaptive and robust statistical analysis and GIS. <i>International Journal of Geographical Information Science</i> , 2001, 15, 721-741.	2.2	34
51	GIS and educational and instructional challenges. <i>Journal of Geographical Systems</i> , 2000, 2, 23-29.	1.9	5
52	Hubâ€“andâ€“Spoke Networks in Air Transportation: An Analytical Review. <i>Journal of Regional Science</i> , 1999, 39, 275-295.	2.1	225
53	Network Topology and City Accessibility of the Commercial Internet. <i>Professional Geographer</i> , 1999, 51, 327-339.	1.0	94
54	A geographer's analysis of hub-and-spoke networks. <i>Journal of Transport Geography</i> , 1998, 6, 171-186.	2.3	183

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55	ON THE ALLOCATION OF A SUBSET OF NODES TO A MINI HUB IN A PACKAGE DELIVERY NETWORK. Papers in Regional Science, 1998, 77, 77-99.	1.0	14
56	Hub network design with single and multiple allocation: A computational study. Location Science, 1996, 4, 125-138.	0.2	135
57	Tight linear programming relaxations of uncapacitated p-hub median problems. European Journal of Operational Research, 1996, 94, 582-593.	3.5	346
58	Lower Bounds for the Hub Location Problem. Management Science, 1995, 41, 713-721.	2.4	66
59	New Estimates of Gravitational Attraction by Linear Programming. Geographical Analysis, 1995, 27, 271-285.	1.9	36
60	The hub network design problem. Journal of Transport Geography, 1994, 2, 31-40.	2.3	268
61	Locating Emergency Warning Sirens. Decision Sciences, 1992, 23, 221-234.	3.2	98
62	A clustering approach to the planar hub location problem. Annals of Operations Research, 1992, 40, 339-353.	2.6	48
63	Hub facility location with fixed costs. Papers in Regional Science, 1992, 71, 293-306.	1.0	121
64	Solution strategies for the single facility minimax hub location problem. Papers in Regional Science, 1991, 70, 367-380.	1.0	53
65	A Synthesis of Some Market Area Delimitation Models. Growth and Change, 1989, 20, 14-33.	1.3	23
66	A quadratic integer program for the location of interacting hub facilities. European Journal of Operational Research, 1987, 32, 393-404.	3.5	799
67	The Location of Interacting Hub Facilities. Transportation Science, 1986, 20, 92-106.	2.6	477
68	HUB NETWORKS AND SIMULATED SCHEDULE DELAY. Papers in Regional Science, 1986, 59, 103-119.	1.0	48
69	A Model of the Demand for Retail Facilities, Incorporating Multistop, Multipurpose Trips. Geographical Analysis, 1981, 13, 134-148.	1.9	132
70	Empirical Tests and Sensitivity Analysis of a Model of Residential and Facility Location. Geographical Analysis, 1981, 13, 398-411.	1.9	4