

Michael Florian

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

3,170
citations

201674

27
h-index

168389

53
g-index

63
all docs

63
docs citations

63
times ranked

1197
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal strategies: A new assignment model for transit networks. <i>Transportation Research Part B: Methodological</i> , 1989, 23, 83-102.	5.9	575
2	Transit Equilibrium Assignment: A Model and Solution Algorithms. <i>Transportation Science</i> , 1994, 28, 193-203.	4.4	178
3	A Traffic Equilibrium Model of Travel by Car and Public Transit Modes. <i>Transportation Science</i> , 1977, 11, 166-179.	4.4	169
4	A new look at static spatial price equilibrium models. <i>Regional Science and Urban Economics</i> , 1982, 12, 579-597.	2.6	159
5	A Multimode Multiproduct Network Assignment Model for Strategic Planning of Freight Flows. <i>Transportation Science</i> , 1990, 24, 25-39.	4.4	156
6	A combined trip distribution modal split and trip assignment model. <i>Transportation Research</i> , 1978, 12, 241-246.	0.2	142
7	Network Equilibrium Models with Combined Modes. <i>Transportation Science</i> , 1994, 28, 182-192.	4.4	115
8	On the Combined Distribution-Assignment of Traffic. <i>Transportation Science</i> , 1975, 9, 43-53.	4.4	104
9	An Application and Validation of Equilibrium Trip Assignment Methods. <i>Transportation Science</i> , 1976, 10, 374-390.	4.4	97
10	A Model for the Strategic Planning of National Freight Transportation by Rail. <i>Transportation Science</i> , 1990, 24, 1-24.	4.4	89
11	Chapter 6 Network equilibrium models and algorithms. <i>Handbooks in Operations Research and Management Science</i> , 1995, , 485-550.	0.6	86
12	On Binary Mode Choice/Assignment Models. <i>Transportation Science</i> , 1983, 17, 32-47.	4.4	84
13	Nonlinear cost network models in transportation analysis. <i>Mathematical Programming Studies</i> , 1986, , 167-196.	0.8	82
14	An efficient implementation of the "ε-partan" variant of the linear approximation method for the network equilibrium problem. <i>Networks</i> , 1987, 17, 319-339.	2.7	82
15	Application of a simulation-based dynamic traffic assignment model. <i>European Journal of Operational Research</i> , 2008, 189, 1381-1392.	5.7	80
16	A New Look at Projected Gradient Method for Equilibrium Assignment. <i>Transportation Research Record</i> , 2009, 2090, 10-16.	1.9	73
17	Scheduling with earliest start and due date constraints. <i>Naval Research Logistics Quarterly</i> , 1971, 18, 511-519.	0.4	70
18	The convergence of diagonalization algorithms for asymmetric network equilibrium problems. <i>Transportation Research Part B: Methodological</i> , 1982, 16, 477-483.	5.9	69

#	ARTICLE	IF	CITATIONS
19	On sequencing with earliest starts and due dates with application to computing bounds for the (n/m/G/Fmax) problem. Naval Research Logistics Quarterly, 1973, 20, 57-67.	0.4	67
20	A Method for Computing Network Equilibrium with Elastic Demands. Transportation Science, 1974, 8, 321-332.	4.4	65
21	A general descent framework for the monotone variational inequality problem. Mathematical Programming, 1993, 61, 281-300.	2.4	63
22	Congestion pricing for multi-modal transportation systems. Transportation Research Part B: Methodological, 2007, 41, 275-291.	5.9	43
23	Scheduling with earliest start and due date constraints on multiple machines. Naval Research Logistics Quarterly, 1975, 22, 165-173.	0.4	42
24	A Multi-Class Multi-Mode Variable Demand Network Equilibrium Model with Hierarchical Logit Structures. Applied Optimization, 2002, , 119-133.	0.4	37
25	Calibration and Application of a Simulation-Based Dynamic Traffic Assignment Model. Transportation Research Record, 2004, 1876, 101-111.	1.9	36
26	On the probabilistic origin of dial's multipath traffic assignment model. Transportation Research, 1976, 10, 339-341.	0.2	33
27	AN ALGORITHM FOR MULTI-CLASS NETWORK EQUILIBRIUM PROBLEM IN PCE OF TRUCKS: APPLICATION TO THE SCAG TRAVEL DEMAND MODEL. Transportmetrica, 2006, 2, 1-9.	1.8	28
28	Determining intermediate origin-destination matrices for the analysis of composite mode trips. Transportation Research Part B: Methodological, 1979, 13, 91-103.	5.9	24
29	Impact of the supply of parking spaces on parking lot choice. Transportation Research Part B: Methodological, 1980, 14, 155-163.	5.9	24
30	A two-dimensional framework for the understanding of transportation planning models. Transportation Research Part B: Methodological, 1988, 22, 411-419.	5.9	23
31	Determining origin-destination matrices and optimal multiproduct flows for freight transportation over multimodal networks. Transportation Research Part B: Methodological, 1993, 27, 351-368.	5.9	22
32	A conceptual framework for the supply side in transportation systems. Transportation Research Part B: Methodological, 1980, 14, 1-8.	5.9	21
33	On uniqueness and proportionality in multi-class equilibrium assignment. Transportation Research Part B: Methodological, 2014, 70, 173-185.	5.9	21
34	A simplicial decomposition method for the transit equilibrium assignment problem. Annals of Operations Research, 1993, 44, 243-260.	4.1	19
35	Reduced gradient algorithm for user equilibrium traffic assignment problem. Transportmetrica A: Transport Science, 2020, 16, 1111-1135.	2.0	17
36	Traffic Simulation with Dynameq. Profiles in Operations Research, 2010, , 323-361.	0.4	16

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37	Felder, Organisationen und Akteure " eine organisationssoziologische Skizze. , 2004, , 69-96.		15
38	A Note on the Entropy Solutions of the Hydrodynamic Model of Traffic Flow. Transportation Science, 2002, 36, 435-446.	4.4	14
39	Models and Software for Urban and Regional Transportation Planning: The Contributions of the Center for Research on Transportation. Infor, 2008, 46, 29-49.	0.6	14
40	A note on logit choices in strategy transit assignment. EURO Journal on Transportation and Logistics, 2012, 1, 29-46.	2.2	14
41	Transportation systems analysis: Illustrations and extensions of a conceptual framework. Transportation Research Part B: Methodological, 1983, 17, 147-153.	5.9	13
42	National Planning Models and Instruments. Infor, 2008, 46, 299-308.	0.6	9
43	Network Equilibrium Models for Analyzing Toll Highways. , 2006, , 105-115.		9
44	Demand Matrix Adjustment for Multimodal Freight Networks. Transportation Research Record, 2001, 1771, 140-147.	1.9	7
45	Congested O-D Trip Demand Adjustment Problem: Bilevel Programming Formulation and Optimality Conditions. Nonconvex Optimization and Its Applications, 1998, , 1-22.	0.1	7
46	Network Equilibrium and Pricing. Profiles in Operations Research, 1999, , 361-393.	0.4	7
47	On modelling congestion in dial's probabilistic assignment model. Transportation Research, 1974, 8, 85-86.	0.2	6
48	Network Equilibrium and Pricing. , 2003, , 373-411.		6
49	L'Optimisation Des Fréquences Dans un Réseau De Transport En Commun Moyennement Congestionné. Infor, 2003, 41, 129-153.	0.6	4
50	Traffic Assignment: Equilibrium Models. Springer Optimization and Its Applications, 2008, , 571-592.	0.9	4
51	Parallel and Distributed Computation of Shortest Routes and Network Equilibrium Models. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 1259-1264.	0.4	3
52	Utility, entropy and a "paradox" of traffic flow. Transportation Research Part A: Policy and Practice, 1981, 15, 327-330.	0.2	2
53	AN ALGORITHM FOR THE SPATIAL PRICE EQUILIBRIUM PROBLEM ON A GENERAL NETWORK IN THE SPACE OF THE PATH FLOWS*. Journal of Regional Science, 1991, 31, 171-190.	3.3	2
54	A network model for capped link-based tolls. EURO Journal on Transportation and Logistics, 2015, 4, 223-236.	2.2	2

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55	STAN-A Multiproduct Multimode National and Regional Freight Transportation Planning System - New Developments. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 325-329.	0.4	1
56	Changing Assignment Algorithms. Transportation Research Record, 2010, 2176, 67-75.	1.9	1
57	Path Recovery/Reconstruction and Applications in Nonlinear Multimodal Multicommodity Networks. Applied Optimization, 2002, , 95-108.	0.4	1
58	Frequency Based Transit Route Choice Models. , 2002, , 164-180.		0
59	Krisenkommunikation und Strukturwandel. , 2014, , 215-236.		0
60	The Prediction of Multicommodity Freight Flows: A Multiproduct Multimode Model and a Solution Algorithm. Lecture Notes in Economics and Mathematical Systems, 1988, , 150-185.	0.3	0