

David Bernstein

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,860
citations

623734

14
h-index

752698

20
g-index

24
all docs

24
docs citations

24
times ranked

893
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A Variational Inequality Formulation of the Dynamic Network User Equilibrium Problem. Operations Research, 1993, 41, 179-191. | 1.9 | 530 |
| 2 | Day-To-Day Dynamic Network Disequilibria and Idealized Traveler Information Systems. Operations Research, 1994, 42, 1120-1136. | 1.9 | 348 |
| 3 | The Holding Problem with Real-time Information Available. Transportation Science, 2001, 35, 1-18. | 4.4 | 239 |
| 4 | The Traffic Equilibrium Problem with Nonadditive Path Costs. Transportation Science, 1997, 31, 337-348. | 4.4 | 145 |
| 5 | The real-time deadheading problem in transit operations control. Transportation Research Part B: Methodological, 1998, 32, 77-100. | 5.9 | 123 |
| 6 | Dynamic Systems, Variational Inequalities and Control Theoretic Models for Predicting Time-Varying Urban Network Flows. Transportation Science, 1996, 30, 14-31. | 4.4 | 91 |
| 7 | A Discrete Time, Nested Cost Operator Approach to the Dynamic Network User Equilibrium Problem. Transportation Science, 1995, 29, 79-92. | 4.4 | 89 |
| 8 | Dynamic Network User Equilibrium with State-Dependent Time Lags. Networks and Spatial Economics, 2001, 1, 319-347. | 1.6 | 83 |
| 9 | Dynamic Congestion Pricing in Disequilibrium. Networks and Spatial Economics, 2004, 4, 181-202. | 1.6 | 60 |
| 10 | A comparison of system optimum and user equilibrium dynamic traffic assignments with schedule delays. Transportation Research Part C: Emerging Technologies, 1995, 3, 389-411. | 7.6 | 39 |
| 11 | Equilibria for Networks with Lower Semicontinuous Costs: With an Application to Congestion Pricing. Transportation Science, 1994, 28, 221-235. | 4.4 | 24 |
| 12 | Foundations of Network Optimization and Games. Complex Networks and Dynamic Systems, 2016, , . | 0.6 | 18 |
| 13 | Nonadditive Shortest Paths: Subproblems in Multi-Agent Competitive Network Models. Computational and Mathematical Organization Theory, 2000, 6, 29-45. | 2.0 | 16 |
| 14 | An alternative formulation of the simultaneous route and departure-time choice equilibrium problem. Transportation Research Part C: Emerging Technologies, 1996, 4, 339-357. | 7.6 | 9 |
| 15 | Analytical Dynamic Traffic Assignment Models. Handbooks in Transport, 2007, , 221-237. | 0.1 | 7 |
| 16 | Disequilibrium Network Design: A New Paradigm for Transportation Planning and Control. Advances in Spatial Science, 1998, , 99-111. | 0.6 | 7 |
| 17 | Deterministic Flow Routing and Oligopolistic Competition in Dynamic Data Networks: Modeling and Numerical Solution Using Multigrid Optimization Techniques. Networks and Spatial Economics, 2004, 4, 55-73. | 1.6 | 5 |
| 18 | AUTOMATIC VEHICLE IDENTIFICATION: TECHNOLOGIES AND FUNCTIONALITIES. I V H S Journal, 1993, 1, 191-204. | 0.2 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Infinite Dimensional Formulations of Some Dynamic Traffic Assignment Models. <i>Advances in Spatial Science</i> , 1998, , 112-124. | 0.6 | 2 |
| 20 | Network Stackelberg Games and Mathematical Programs with Equilibrium Constraints. <i>Complex Networks and Dynamic Systems</i> , 2016, , 443-497. | 0.6 | 1 |
| 21 | Near-Network and Large-Scale Programs. <i>Complex Networks and Dynamic Systems</i> , 2016, , 169-205. | 0.6 | 0 |
| 22 | Network Traffic Assignment. <i>Complex Networks and Dynamic Systems</i> , 2016, , 325-390. | 0.6 | 0 |