

# David C Novak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8103737/publications.pdf>

Version: 2024-02-01

22  
papers

928  
citations

840776

11  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

802  
citing authors

#	ARTICLE	IF	CITATIONS
1	Network Robustness Index: A new method for identifying critical links and evaluating the performance of transportation networks. <i>Journal of Transport Geography</i> , 2006, 14, 215-227.	5.0	368
2	Identifying critical road segments and measuring system-wide robustness in transportation networks with isolating links: A link-based capacity-reduction approach. <i>Transportation Research, Part A: Policy and Practice</i> , 2010, 44, 323-336.	4.2	150
3	Whose resilience matters? Addressing issues of scale in supply chain resilience. <i>Journal of Business Logistics</i> , 2021, 42, 323-335.	10.6	87
4	A link-focused methodology for evaluating accessibility to emergency services. <i>Decision Support Systems</i> , 2014, 57, 309-319.	5.9	54
5	Managing blood inventory with multiple independent sources of supply. <i>European Journal of Operational Research</i> , 2017, 259, 500-511.	5.7	52
6	A review of current practice in network disruption analysis and an assessment of the ability to account for isolating links in transportation networks. <i>Transportation Letters</i> , 2009, 1, 271-280.	3.1	47
7	Nationwide Freight Generation Models: A Spatial Regression Approach. <i>Networks and Spatial Economics</i> , 2011, 11, 23-41.	1.6	42
8	Managing extended supply chains. <i>Journal of Business Logistics</i> , 2021, 42, 200-206.	10.6	36
9	A network-based approach for evaluating and ranking transportation roadway projects. <i>Applied Geography</i> , 2012, 34, 498-506.	3.7	20
10	A decision support methodology for stochastic multi-criteria linear programming using spreadsheets. <i>Decision Support Systems</i> , 2003, 36, 99-116.	5.9	16
11	Impact of Behavioral Factors on Performance of Multi-Server Queueing Systems. <i>Production and Operations Management</i> , 2018, 27, 1553-1573.	3.8	16
12	A traffic shaping model for optimizing network operations. <i>European Journal of Operational Research</i> , 2007, 180, 1358-1380.	5.7	11
13	Evaluating the outcomes associated with an innovative change in a state-level transportation project prioritization process: A case study of Vermont. <i>Transport Policy</i> , 2015, 42, 130-143.	6.6	7
14	Development and application of an iterative heuristic for roadway snow and ice control. <i>Transportation Research, Part A: Policy and Practice</i> , 2019, 127, 18-31.	4.2	6
15	Internet access and capacity planning: Quantifying relationships between usage, capacity, and blocking. <i>Telecommunications Policy</i> , 2010, 34, 309-322.	5.3	5
16	Modeling dialup internet access: an examination of user-to-modem ratios, blocking probability, and capacity planning in a modem pool. <i>Computers and Operations Research</i> , 2003, 30, 1959-1976.	4.0	4
17	Managing bandwidth allocations between competing recreational and non-recreational traffic on campus networks. <i>Decision Support Systems</i> , 2008, 45, 338-353.	5.9	2
18	The Role of Geography in Shaping SCM's Professional Identity. <i>Journal of Business Logistics</i> , 2015, 36, 231-232.	10.6	2

#	ARTICLE	IF	CITATIONS
19	Performance-related specification and payment modifiers in highway construction projects. International Journal of Quality and Reliability Management, 2018, 35, 2348-2372.	2.0	2
20	Heuristics and sensitivity analyses to guide replenishment decisions for red blood cells with random transfer. Decision Support Systems, 2021, 154, 113685.	5.9	1
21	Strategic Location of Satellite Salt Facilities for Roadway Snow and Ice Control. Transportation Research Record, 2015, 2482, 32-40.	1.9	0
22	Extending the newsvendor model to account for uncontrolled inventory transfers. Annals of Operations Research, 2015, , 1.	4.1	0