

Sue McNeil

List of Publications by Year in descending order

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77
papers

1,123
citations

489802

18
h-index

511568

30
g-index

82
all docs

82
docs citations

82
times ranked

1230
citing authors

#	ARTICLE	IF	CITATIONS
1	Data envelopment analysis for highway asset investment assessment. Journal of Traffic and Transportation Engineering (English Edition), 2021, 8, 117-128.	2.0	7
2	Robust and Transparent Method to Measure Water Infrastructure Performance in the United States. Journal of Water Resources Planning and Management - ASCE, 2021, 147, 06020015.	1.3	1
3	Cluster Forecasting of Corruption Using Nonlinear Autoregressive Models with Exogenous Variables (NARX) – An Artificial Neural Network Analysis. Sustainability, 2021, 13, 11366.	1.6	4
4	Introducing the ASCE Journals’™ Early Career Editorial Board. Journal of Infrastructure Systems, 2020, 26, 01619002.	1.0	0
5	Using Resilience in Risk-Based Asset Management Plans. Transportation Research Record, 2020, 2674, 178-192.	1.0	12
6	Prioritizing transportation network recovery using a resilience measure. Sustainable and Resilient Infrastructure, 2020, , 1-12.	1.7	24
7	The Changing Face of the Journal of Infrastructure Systems. Journal of Infrastructure Systems, 2019, 25, 01619001.	1.0	0
8	Development of a Water Infrastructure Performance Index for the USA. , 2019, , .		3
9	Impact evaluation of different types of transportation projects using meta-analysis. Transportation Research Procedia, 2017, 25, 3922-3932.	0.8	1
10	Parametric Analysis of Roadway Infrastructure Vulnerability to Disruptions. Journal of Infrastructure Systems, 2017, 23, 04017017.	1.0	3
11	Predictive Analytics for Infrastructure Performance. Advances in Business Information Systems and Analytics Book Series, 2017, , 1-16.	0.3	0
12	Special Issue on Infrastructure in Developing Countries. Journal of Infrastructure Systems, 2016, 22, .	1.0	0
13	State-of-the-practice assessment of climate change adaptation practices across metropolitan planning organizations pre- and post-Hurricane Sandy. Transportation Research, Part A: Policy and Practice, 2016, 88, 163-174.	2.0	10
14	Supply Chain Outsourcing in Response to Manmade and Natural Disasters in Colombia, a Humanitarian Logistics Perspective. Procedia Engineering, 2015, 107, 110-121.	1.2	16
15	Using the Transportation Performance Index to Understand the Impact of Regional Plans. , 2014, , .		1
16	Impact of Road Conditions and Disruption Uncertainties on Network Vulnerability. Journal of Infrastructure Systems, 2014, 20, 04014015.	1.0	49
17	Roadway network as a degrading system: vulnerability and system level performance. Transportation Letters, 2013, 5, 105-114.	1.8	12
18	Identifying Resiliency Performance Measures for Megaregional Planning. Transportation Research Record, 2013, 2397, 153-160.	1.0	19

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19	Methodology for Integrating Adaptation to Climate Change Into the Transportation Planning Process. Public Works Management Policy, 2013, 18, 145-166.	0.7	4
20	Integrating potential climate change into the mechanistic-empirical based pavement design. Canadian Journal of Civil Engineering, 2013, 40, 1173-1183.	0.7	7
21	Climate Change Adaptation Tool for Transportation: Mid-Atlantic Region Case Study. Journal of Transportation Engineering, 2013, 139, 407-415.	0.9	13
22	Evaluating the Progress of Climate Change Adaptation Practices across Transportation Planning Agencies: A Case Study on the Mid-Atlantic. , 2013, , .		1
23	Hierarchical Markov Chain Monte Carlo Simulation for Modeling Transverse Cracks in Highway Pavements. Journal of Transportation Engineering, 2012, 138, 700-705.	0.9	11
24	Developing Pavement Performance Models for Delaware. Transportation Research Record, 2012, 2304, 97-103.	1.0	17
25	Learning from traffic data collected before, during and after a hurricane. IATSS Research, 2012, 36, 1-10.	1.8	13
26	Capturing Transportation Infrastructure Performance. Transportation Research Record, 2011, 2256, 191-201.	1.0	5
27	Conference Papers and Prior Publication. Journal of Transportation Engineering, 2011, 137, 675-675.	0.9	0
28	Conference Papers and Prior Publication. Journal of Bridge Engineering, 2011, 16, 682-682.	1.4	0
29	Conference Papers and Prior Publication. Journal of Infrastructure Systems, 2011, 17, 137-137.	1.0	0
30	Improving Resilience of Critical Infrastructure Systems Postdisaster. Transportation Research Record, 2011, 2234, 3-13.	1.0	54
31	Measuring Infrastructure Performance. Public Works Management Policy, 2011, 16, 373-394.	0.7	18
32	Rating Sustainability: Transportation Investments in Urban Corridors as a Case Study. Journal of the Urban Planning and Development Division, ASCE, 2010, 136, 177-185.	0.8	42
33	Research Agenda for Transportation Infrastructure Preservation and Renewal: Conference Report. Journal of Infrastructure Systems, 2010, 16, 228-230.	1.0	7
34	Neighborhood Characteristics, Adherence to Walking, and Depressive Symptoms in Midlife African American Women. Journal of Women's Health, 2009, 18, 1201-1210.	1.5	32
35	Integrating Environmental Perspectives into Pavement Management. Transportation Research Record, 2009, 2093, 40-49.	1.0	20
36	Generic Methodology for Evaluating Net Benefit of Asset Management System Implementation. Journal of Infrastructure Systems, 2009, 15, 232-240.	1.0	8

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37	Neighborhood Environment and Adherence to a Walking Intervention in African American Women. Health Education and Behavior, 2009, 36, 167-181.	1.3	52
38	Comparing the Performance of Bus Routes after Adjusting for the Environment Using Data Envelopment Analysis. Journal of Transportation Engineering, 2008, 134, 77-85.	0.9	51
39	Agent-Based Modeling: Approach for Improving Infrastructure Management. Journal of Infrastructure Systems, 2008, 14, 253-261.	1.0	39
40	Agent Models for Asset Management. , 2007, , 176.		3
41	Comparing the Efficiency of Public Transportation Subunits Using Data Envelopment Analysis. Journal of Public Transportation, 2007, 10, 1-16.	0.3	52
42	Linking Asset Management to Strategic Planning Processes. Transportation Research Record, 2005, 1924, 184-191.	1.0	2
43	Use of Automatic Vehicle Location and Passenger Count Data to Evaluate Bus Operations. Transportation Research Record, 2005, 1903, 27-34.	1.0	23
44	XML-Based Inspection Modeling for Developing Field Inspection Support Systems. Journal of Infrastructure Systems, 2005, 11, 190-200.	1.0	6
45	Web-Vacuum: Web-Based Environment for Automated Assessment of Civil Infrastructure Data. Journal of Computing in Civil Engineering, 2005, 19, 137-147.	2.5	6
46	Automated Procedure to Assess Civil Infrastructure Data Quality: Method and Validation. Journal of Infrastructure Systems, 2005, 11, 180-189.	1.0	10
47	Asset Management. , 2005, , .		3
48	Clean It and They Will Come? Defining Successful Brownfield Development. Journal of the Urban Planning and Development Division, ASCE, 2004, 130, 101-108.	0.8	77
49	Impact of Reduced Vertical Separation Minimum Implementation on Airport System Infrastructures. Journal of Transportation Engineering, 2004, 130, 716-724.	0.9	2
50	Modeling Interdependencies in Infrastructure Management Using Complex Systems. , 2004, , 261.		3
51	Brownfield Development: Tools for Stewardship. Journal of the Urban Planning and Development Division, ASCE, 2004, 130, 109-116.	0.8	45
52	Transportation Asset Management Today: Communities of Practice in the Transportation Industry. Transportation Research Record, 2004, 1885, 88-95.	1.0	2
53	Assessing Extrajurisdictional and Areawide Impacts of Clustered Brownfield Developments. Journal of the Urban Planning and Development Division, ASCE, 2003, 129, 27-44.	0.8	12
54	Evaluation of Private-Sector Asset Management Practices. Transportation Research Record, 2003, 1848, 29-36.	1.0	2

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55	Application of Nondestructive Evaluation to Subway Tunnel Systems. Transportation Research Record, 2003, 1845, 127-135.	1.0	23
56	Spatial Multimedia Representation of Chicago Transit Authority Rail Infrastructure. Transportation Research Record, 2003, 1838, 1-10.	1.0	1
57	A Constraint-Based Procedure for Improving the Accuracy of Sensor-Based Monitoring Data. , 2002, , 65.		0
58	Applying Governmental Accounting Standards Board Statement 34: Lessons from the Field. Transportation Research Record, 2001, 1747, 123-128.	1.0	8
59	Asset Management and Pavement Management: Using Common Elements to Maximize Overall Benefits. Transportation Research Record, 2001, 1769, 1-9.	1.0	12
60	Infrastructure and Public Works Education. Public Works Management Policy, 2001, 5, 318-328.	0.7	5
61	Asset Management: What Is the Fuss?. Transportation Research Record, 2000, 1729, 21-25.	1.0	19
62	Capturing Data and Model Uncertainties in Highway Performance Estimation. Journal of Transportation Engineering, 2000, 126, 455-463.	0.9	6
63	Computer Tools to Facilitate Brownfield Development. Public Works Management Policy, 1998, 2, 231-242.	0.7	3
64	Practice-Oriented Approach to Developing a Data Requirements Model for Bridge Condition Assessment. Transportation Research Record, 1998, 1642, 28-34.	1.0	0
65	Crisis Perception and Policy Outcomes: Comparison between Environmental and Infrastructure Crises. Journal of Infrastructure Systems, 1995, 1, 195-203.	1.0	5
66	Heuristic Algorithms for Aggregating Railâ€œSurfaceâ€œDefect Data. Journal of Transportation Engineering, 1994, 120, 295-311.	0.9	6
67	Technologies for Planning Railroad Track Maintenance and Renewal. Journal of Transportation Engineering, 1994, 120, 807-820.	0.9	14
68	Emerging Issues in Transportation Facilities Management. Journal of Transportation Engineering, 1992, 118, 477-495.	0.9	22
69	A Note on the Influence of Rail Defects on the Risk Associated with Shipping Hazardous Materials by Rail. Risk Analysis, 1991, 11, 333-338.	1.5	3
70	Evaluation of Errors in Automated Pavementâ€œDistress Data Acquisition. Journal of Transportation Engineering, 1991, 117, 224-241.	0.9	16
71	Statistical Models to Predict Commercialâ€œand Parkingâ€œSpace Occupancy. Journal of the Urban Planning and Development Division, ASCE, 1991, 117, 129-139.	0.8	5
72	Applications of expert systems in railroad maintenance: Scheduling rail relays. Transportation Research Part A: Policy and Practice, 1990, 24, 39-52.	0.3	17

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73	Entropy Model for Consistent Impactâ€Fee Assessment. Journal of the Urban Planning and Development Division, ASCE, 1989, 115, 51-63.	0.8	60
74	A Regression Formulation of the Matrix Estimation Problem. Transportation Science, 1985, 19, 278-292.	2.6	45
75	A note on alternative matrix entry estimation techniques. Transportation Research Part B: Methodological, 1985, 19, 509-519.	2.8	12
76	Linking Asset Management to Strategic Planning Processes: Best Practices from State Departments of Transportation. , 0, .		6
77	Pavement and Bridge Management and Maintenance. , 0, , 283-299.		1