

# Lisa Aultman-Hall

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6315123/publications.pdf>

Version: 2024-02-01

59  
papers

1,916  
citations

361296  
20  
h-index

265120  
42  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1700  
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.               | 2.3 | 368       |
| 2  | Analysis of Bicycle Commuter Routes Using Geographic Information Systems: Implications for Bicycle Planning. <i>Transportation Research Record</i> , 1997, 1578, 102-110.                                 | 1.0 | 136       |
| 3  | Using GIS for Evaluation of Neighborhood Pedestrian Accessibility. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 1997, 123, 10-17.  | 0.8 | 105       |
| 4  | Weather factor impacts on commuting to work by bicycle. <i>Preventive Medicine</i> , 2012, 54, 122-124.   | 1.6 | 95        |
| 5  | Effects of skeletal streetscape design on perceived safety. <i>Landscape and Urban Planning</i> , 2015, 142, 18-28.   | 3.4 | 95        |
| 6  | Toronto bicycle commuter safety rates. <i>Accident Analysis and Prevention</i> , 1999, 31, 675-686.   | 3.0 | 92        |
| 7  | Assessing Impact of Weather and Season on Pedestrian Traffic Volumes. <i>Transportation Research Record</i> , 2009, 2140, 35-43.  | 1.0 | 85        |
| 8  | Evaluating the impact of passengers on the safety of older drivers. <i>Journal of Safety Research</i> , 2003, 34, 343-351.  | 1.7 | 83        |
| 9  | Implications of driving style and road grade for accurate vehicle activity data and emissions estimates. <i>Transportation Research, Part D: Transport and Environment</i> , 2015, 35, 175-188.           | 3.2 | 79        |
| 10 | Measuring Urban Streetscapes for Livability: A Review of Approaches. <i>Professional Geographer</i> , 2016, 68, 149-158.  | 1.0 | 76        |
| 11 | Ottawa-Carleton commuter cyclist on-and off-road incident rates. <i>Accident Analysis and Prevention</i> , 1998, 30, 29-43.   | 3.0 | 62        |
| 12 | Impact of Passengers on Young Driver Safety. <i>Transportation Research Record</i> , 1999, 1693, 25-30.   | 1.0 | 58        |
| 13 | 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. | 1.8 | 47        |
| 14 | Nationwide Freight Generation Models: A Spatial Regression Approach. <i>Networks and Spatial Economics</i> , 2011, 11, 23-41.   | 0.7 | 42        |
| 15 | To Bike or Not to Bike. <i>Transportation Research Record</i> , 2012, 2314, 105-111.  | 1.0 | 39        |
| 16 | Urban Streetscape Design and Crash Severity. <i>Transportation Research Record</i> , 2015, 2500, 1-8.   | 1.0 | 33        |
| 17 | Streetscape skeleton measurement and classification. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2017, 44, 668-692.   | 1.0 | 28        |
| 18 | Sidewalk Bicycling Safety Issues. <i>Transportation Research Record</i> , 1998, 1636, 71-76.  | 1.0 | 25        |

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|----|--|-----|-----------|
| 19 | Commuter Cyclist Accident Patterns in Toronto and Ottawa. <i>Journal of Transportation Engineering</i> , 2000, 126, 21-26.   | 0.9 | 25        |
| 20 | Causal Factors for Accidents on Southeastern Low-Volume Rural Roads. <i>Transportation Research Record</i> , 1999, 1652, 111-117.  | 1.0 | 22        |
| 21 | Influence of priority taking and abstaining at single-lane roundabouts using cellular automata. <i>Transportation Research Part C: Emerging Technologies</i> , 2016, 69, 134-149.  | 3.9 | 19        |
| 22 | Travel Demand and Charging Capacity for Electric Vehicles in Rural States. <i>Transportation Research Record</i> , 2012, 2287, 27-36.  | 1.0 | 18        |
| 23 | Models Relating Pavement Quality Measures. <i>Transportation Research Record</i> , 2004, 1869, 119-125.  | 1.0 | 17        |
| 24 | Long-Distance Work and Leisure Travel Frequencies. <i>Transportation Research Record</i> , 2014, 2413, 1-12.   | 1.0 | 16        |
| 25 | The impact of spatial accessibility and perceived barriers on visitation to the US national park system. <i>Journal of Transport Geography</i> , 2018, 68, 205-214.                | 2.3 | 16        |
| 26 | Consideration of driver home county prohibition and alcohol-related vehicle crashes. <i>Accident Analysis and Prevention</i> , 2003, 35, 641-648.                                  | 3.0 | 15        |
| 27 | Analysis of Real-World Lead Vehicle Operation for Modal Emissions and Traffic Simulation Models. <i>Transportation Research Record</i> , 2010, 2158, 44-53.                        | 1.0 | 13        |
| 28 | Design and Response Quality in a One-Year Longitudinal Survey of Overnight and Long-Distance Travel. <i>Transportation Research Procedia</i> , 2015, 11, 136-153.                  | 0.8 | 13        |
| 29 | Passengers and Other Factors Affecting the Safety of Young and Older Drivers. <i>Transportation Research Record</i> , 2005, 1937, 7-13.  | 1.0 | 13        |
| 30 | Analyzing the Effect of Driver Age on Operating Speed and Acceleration Noise: On-Board Second-by-Second Driving Data. <i>Transportation Research Record</i> , 2011, 2265, 184-191. | 1.0 | 12        |
| 31 | Barriers to Implementation of Climate Adaptation Frameworks by State Departments of Transportation. <i>Transportation Research Record</i> , 2015, 2532, 21-28.                     | 1.0 | 12        |
| 32 | Research Design Insights from a Survey of Urban Bicycle Commuters. <i>Transportation Research Record</i> , 1998, 1636, 21-28.  | 1.0 | 11        |
| 33 | Odds of fault and factors for out-of-state drivers in crashes in four states of the USA. <i>Accident Analysis and Prevention</i> , 2014, 72, 32-43.                                | 3.0 | 11        |
| 34 | Assessing the Relative Crash Fault of Out-of-State Drivers in Vermont, USA. <i>Journal of Transportation Safety and Security</i> , 2014, 6, 207-219.                               | 1.1 | 9         |
| 35 | Event-Based Framework for Noncompliant Driver Behavior at Single-Lane Roundabouts. <i>Transportation Research Record</i> , 2014, 2402, 38-46.                                      | 1.0 | 9         |
| 36 | Exploring the Self-Reported Long-Distance Travel Frequency of Millennials and Generation X in California. <i>Transportation Research Record</i> , 2018, 2672, 208-218.             | 1.0 | 9         |

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|----|---|-----|-----------|
| 37 | Modeling Intertrip Time Intervals between Individuals™ Overnight Long-Distance Trips. Transportation Research Record, 2015, 2495, 23-31.  | 1.0 | 8         |
| 38 | The implications of long-distance tour attributes for national travel data collection in the United States. Transportation, 2018, 45, 875-903.                                  | 2.1 | 8         |
| 39 | Exploring motivations and barriers for long-distance trips of adult women Vermonters. Travel Behaviour & Society, 2020, 21, 37-47.  | 2.4 | 8         |
| 40 | Passengers and Other Factors Affecting the Safety of Young and Older Drivers. Transportation Research Record, 2005, 1937, 7-13.   | 1.0 | 7         |
| 41 | Evaluating the Safety of Shared-Use Paths. Transportation Research Record, 2005, 1939, 99-106.  | 1.0 | 7         |
| 42 | Surveying social network geography to model long-distance travel. Transportation Research Procedia, 2018, 32, 542-552.  | 0.8 | 7         |
| 43 | Impact of Road Conditions on Elderly Drivers. Journal of Transportation Engineering, 2001, 127, 244-246.  | 0.9 | 6         |
| 44 | Evaluating the Ability of Global Positioning System Receivers to Measure a Real-World Operating Mode for Emissions Research. Transportation Research Record, 2005, 1941, 43-50. | 1.0 | 6         |
| 45 | Driver and Road Type Effects on Light-Duty Gas and Particulate Emissions. Transportation Research Record, 2006, 1987, 118-127.  | 1.0 | 6         |
| 46 | A zone design methodology for national freight origin-destination data and transportation modeling. Transportation Planning and Technology, 2014, 37, 738-756.                  | 0.9 | 6         |
| 47 | Impacts of Model Resolution on Transportation Network Criticality Rankings. Transportation Research Record, 2017, 2653, 93-100.   | 1.0 | 6         |
| 48 | Modeling Stated and Revealed Route Choice. Transportation Research Record, 2006, 1985, 29-39.   | 1.0 | 4         |
| 49 | Analysis of the Long-Distance and Overnight Travel Tour Planning Process. Transportation Research Record, 2016, 2594, 1-10.   | 1.0 | 4         |
| 50 | Matching Household Life-Cycle Characteristics to Clustered Annual Schedules of Long-Distance and Overnight Travel. Transportation Research Record, 2016, 2594, 11-17.           | 1.0 | 4         |
| 51 | Assessing Potential for Modal Substitution from Statewide Freight Commodity Flow Data. Transportation Research Record, 2000, 1719, 10-16.                                       | 1.0 | 3         |
| 52 | ARTIMIS Telephone Travel Information Service: Current Use Patterns and User Satisfaction. Transportation Research Record, 2000, 1739, 9-14.                                     | 1.0 | 3         |
| 53 | Variation of Pavement Smoothness Between Adjacent Lanes: Implications for Performance-Based Contracting. Transportation Research Record, 2003, 1860, 152-158.                   | 1.0 | 3         |
| 54 | Allocation of Intrahousehold Motorized Vehicles. Transportation Research Record, 2013, 2382, 63-74.   | 1.0 | 3         |

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|----|---|-----|-----------|
| 55 | Roundabouts in Northern New England, 1990 to 2010. Transportation Research Record, 2016, 2585, 1-10.  | 1.0 | 3         |
| 56 | Comparing alternative methods of collecting self-assessed overnight long-distance travel frequencies. Travel Behaviour & Society, 2020, 19, 124-136.  | 2.4 | 3         |
| 57 | Methodology for Evaluating Large Truck Access to Intermodal and Other Facilities. Transportation Research Record, 1999, 1653, 61-68.  | 1.0 | 1         |
| 58 | Comparisons of Discretionary Passenger Vehicle Idling Behavior by Season and Trip Stage with Global Positioning System and Onboard Diagnostic Devices. Transportation Research Record, 2013, 2341, 76-82. | 1.0 | 1         |
| 59 | Fault Determination for Crashes in Vermont. Transportation Research Record, 2015, 2514, 97-104.   | 1.0 | 1         |