

Gudmundur F Ulfarsson

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

3,880
citations

218677

26
h-index

128289

60
g-index

64
all docs

64
docs citations

64
times ranked

2741
citing authors

#	ARTICLE	IF	CITATIONS
1	Bicyclist injury severities in bicycle-motor vehicle accidents. <i>Accident Analysis and Prevention</i> , 2007, 39, 238-251.	5.7	402
2	Differences in male and female injury severities in sport-utility vehicle, minivan, pickup and passenger car accidents. <i>Accident Analysis and Prevention</i> , 2004, 36, 135-147.	5.7	331
3	Driver-injury severity in single-vehicle crashes in California: A mixed logit analysis of heterogeneity due to age and gender. <i>Accident Analysis and Prevention</i> , 2013, 50, 1073-1081.	5.7	267
4	Urban Sprawl and the Cost of Public Services. <i>Environment and Planning B: Planning and Design</i> , 2003, 30, 503-522.	1.7	260
5	Age and pedestrian injury severity in motor-vehicle crashes: A heteroskedastic logit analysis. <i>Accident Analysis and Prevention</i> , 2008, 40, 1695-1702.	5.7	231
6	A note on modeling pedestrian-injury severity in motor-vehicle crashes with the mixed logit model. <i>Accident Analysis and Prevention</i> , 2010, 42, 1751-1758.	5.7	229
7	Fragmentation and Sprawl: Evidence from Interregional Analysis. <i>Growth and Change</i> , 2002, 33, 312-340.	2.6	154
8	The crash severity impacts of fixed roadside objects. <i>Journal of Safety Research</i> , 2005, 36, 139-147.	3.6	149
9	Travel Mode Choice of the Elderly: Effects of Personal, Household, Neighborhood, and Trip Characteristics. <i>Transportation Research Record</i> , 2004, 1894, 117-126.	1.9	144
10	Random parameter models of interstate crash frequencies by severity, number of vehicles involved, collision and location type. <i>Accident Analysis and Prevention</i> , 2013, 59, 309-318.	5.7	135
11	Modeling crashes involving pedestrians and motorized traffic. <i>Safety Science</i> , 2003, 41, 627-640.	4.9	114
12	Does 'Smart Growth' Matter to Public Finance?. <i>Urban Studies</i> , 2008, 45, 1791-1823.	3.7	100
13	Analyzing fault in pedestrian-motor vehicle crashes in North Carolina. <i>Accident Analysis and Prevention</i> , 2010, 42, 1805-1813.	5.7	93
14	A heterogeneity-in-means count model for evaluating the effects of interchange type on heterogeneous influences of interstate geometrics on crash frequencies. <i>Analytic Methods in Accident Research</i> , 2014, 2, 12-20.	8.2	93
15	Spatial regression analysis of traffic crashes in Seoul. <i>Accident Analysis and Prevention</i> , 2016, 91, 190-199.	5.7	91
16	Analysis of light rail rider travel behavior: Impacts of individual, built environment, and crime characteristics on transit access. <i>Transportation Research, Part A: Policy and Practice</i> , 2007, 41, 511-522.	4.2	88
17	Incorporating land use in metropolitan transportation planning. <i>Transportation Research, Part A: Policy and Practice</i> , 2007, 41, 382-410.	4.2	86
18	Model of Relationship between Interstate Crash Occurrence and Geometrics. <i>Transportation Research Record</i> , 2011, 2236, 41-48.	1.9	85

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19	Introduction to Urban Simulation: Design and Development of Operational Models. , 2004, , 203-236.		65
20	Curbing automobile use for sustainable transportation: analysis of mode choice on short home-based trips. Transportation, 2008, 35, 723-737.	4.0	65
21	Accident Count Model Based on Multiyear Cross-Sectional Roadway Data with Serial Correlation. Transportation Research Record, 2003, 1840, 193-197.	1.9	58
22	Motor-vehicle crash history and licensing outcomes for older drivers reported as medically impaired in Missouri. Accident Analysis and Prevention, 2009, 41, 246-252.	5.7	46
23	The Cycle of Fragmentation and Sprawl: A Conceptual Framework and Empirical Model. Environment and Planning B: Planning and Design, 2006, 33, 767-788.	1.7	44
24	Modeling the Probability of Freeway Rear-End Crash Occurrence. Journal of Transportation Engineering, 2007, 133, 11-19.	0.9	41
25	Identification of development areas in a warming Arctic with respect to natural resources, transportation, protected areas, and geography. Futures, 2017, 85, 14-29.	2.5	34
26	Urban household travel behavior in a time of economic crisis: Changes in trip making and transit importance. Journal of Transport Geography, 2015, 49, 68-75.	5.0	29
27	Transportation in an Aging Society. Transportation Research Record, 2013, 2357, 109-115.	1.9	28
28	Traffic safety in an aging society: Analysis of older pedestrian crashes. Journal of Transportation Safety and Security, 2019, 11, 323-332.	1.6	28
29	The American Medical Association Older Driver Curriculum for Health Professionals: Changes in Trainee Confidence, Attitudes, and Practice Behavior. Gerontology and Geriatrics Education, 2010, 31, 290-309.	0.8	26
30	Children's Travel to School: Discrete Choice Modeling of Correlated Motorized and Nonmotorized Transportation Modes Using Covariance Heterogeneity. Environment and Planning B: Planning and Design, 2008, 35, 195-206.	1.7	25
31	Trip making of older adults in Seoul: Differences in effects of personal and household characteristics by age group and trip purpose. Journal of Transport Geography, 2016, 57, 55-62.	5.0	23
32	Modeling Micro-Spatial Employment Location Patterns: A Comparison of Count and Choice Approaches. Geographical Analysis, 2008, 40, 123-151.	3.5	21
33	The effect of wind energy production on cross-border electricity pricing: The case of western Denmark in the Nord Pool market. Economic Analysis and Policy, 2018, 58, 121-130.	6.6	19
34	Future changes in activity structures of the globe under a receding Arctic ice scenario. Futures, 2011, 43, 450-459.	2.5	18
35	Developing scenarios to explore impacts and weaknesses in aviation response exercises for volcanic ash eruptions in Europe. Journal of Air Transport Management, 2019, 79, 101684.	4.5	17
36	The effect of variable message and speed limit signs on mean speeds and speed deviations. International Journal of Vehicle Information and Communication Systems, 2005, 1, 69.	0.1	16

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37	Extending the Highway Safety Manual (HSM) framework for traffic safety performance evaluation. <i>Safety Science</i> , 2014, 64, 146-154.	4.9	16
38	Activity Space of Older and Working-Age Adults in the Puget Sound Region, Washington. <i>Transportation Research Record</i> , 2015, 2494, 37-44.	1.9	16
39	Family reports of medically impaired drivers in Missouri: Cognitive concerns and licensing outcomes. <i>Accident Analysis and Prevention</i> , 2015, 74, 17-23.	5.7	16
40	Transportation Deficiencies for Older Adults in Seoul, South Korea. <i>Transportation Research Record</i> , 2014, 2469, 76-88.	1.9	15
41	Effect of Driving Behavior and Vehicle Characteristics on Energy Consumption of Road Vehicles Running on Alternative Energy Sources. <i>International Journal of Sustainable Transportation</i> , 2015, 9, 592-601.	4.1	15
42	Transportation infrastructure investment and the location of new manufacturing around South Korea's West Coast Expressway. <i>Transport Policy</i> , 2018, 66, 146-154.	6.6	15
43	A long-term analysis studying the effect of changes in the Nordic electricity supply on Danish and Finnish electricity prices. <i>Economic Analysis and Policy</i> , 2017, 56, 37-50.	6.6	14
44	Cooperation Between Science and Aviation-Sector Service Providers in Europe for Risk Management of Volcanic Ash. <i>Transportation Research Record</i> , 2017, 2626, 99-105.	1.9	11
45	A model for port throughput forecasting using Bayesian estimation. <i>Maritime Economics and Logistics</i> , 2021, 23, 348-368.	4.0	10
46	Adaptation and Change with Global Warming. <i>Transportation Research Record</i> , 2009, 2139, 117-124.	1.9	9
47	A value-based definition of success in adaptive port planning: a case study of the Port of Isafjordur in Iceland. <i>Maritime Economics and Logistics</i> , 2020, 22, 403-431.	4.0	9
48	Traffic Sign Comprehensibility in an Aging Society. <i>Transportation Research Record</i> , 2009, 2096, 81-88.	1.9	8
49	Impacts of transportation and industrial complexes on establishment-level productivity growth in Korea. <i>Transport Policy</i> , 2021, 100, 89-97.	6.6	8
50	Mutual information analysis of the factors influencing port throughput. <i>Maritime Business Review</i> , 2021, 6, 129-146.	1.8	7
51	Factors Affecting Common Vehicle-to-Vehicle Collision Types: Road Safety Priorities in an Aging Society. <i>Transportation Research Record</i> , 2006, 1980, 70-78.	1.9	7
52	A theory of the evolution of settlement structures based on identification and use of patterns: Iceland as a case study. <i>Futures</i> , 2013, 54, 19-32.	2.5	6
53	Volcanic ash and aviation: Recommendations to improve preparedness for extreme events. <i>Transportation Research, Part A: Policy and Practice</i> , 2018, 113, 101-113.	4.2	6
54	Cruising Under and Post the COVID Pandemic: Toward Realization of the United Nations'™ Sustainable Development Goals. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 910.	2.6	6

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55	Factors Affecting Common Vehicle-to-Vehicle Collision Types. Transportation Research Record, 2006, 1980, 70-78.	1.9	5
56	Relationship of Shopping Activity Duration and Travel Time with Planning-Level Network and Socioeconomic Factors. Transportation Research Record, 2004, 1894, 160-169.	1.9	4
57	A hierarchical Bayesian logistic regression with a finite mixture for identifying higher-than-expected crash proportions at intersections. Journal of Transportation Safety and Security, 2019, 11, 1-20.	1.6	4
58	Is Access Management Good for Business? Business Perceptions of the Effects of Traffic Access Management on Accessibility and Patronage. Transportation Planning and Technology, 2006, 29, 273-293.	2.0	3
59	Megapatterns of global settlement: Typology and drivers in a warming world. Futures, 2012, 44, 91-104.	2.5	3
60	Framework for Dealing with Uncertainty in the Port Planning Process. Journal of Waterway, Port, Coastal and Ocean Engineering, 2021, 147, 05021003.	1.2	3
61	Staying home or going places: Mobility factors of older minority women's daily trip making in the United States. Journal of Transport and Health, 2021, 21, 101031.	2.2	3
62	Increasing Resilience through Interaction: Stakeholder Workshop on Aviation and Volcanic Ash. Journal of Integrated Disaster Risk Management, 2019, 9, 1-19.	0.3	2
63	Traffic Crash History of Cognitively Impaired Drivers in Missouri. Transportation Research Record, 2016, 2584, 62-69.	1.9	0