

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	Cruising Under and Post the COVID Pandemic: Toward Realization of the United Nationsâ€™ Sustainable Development Goals. Journal of Marine Science and Engineering, 2022, 10, 910.	2.6	6
2	Impacts of transportation and industrial complexes on establishment-level productivity growth in Korea. Transport Policy, 2021, 100, 89-97.	6.6	8
3	A model for port throughput forecasting using Bayesian estimation. Maritime Economics and Logistics, 2021, 23, 348-368.	4.0	10
4	Framework for Dealing with Uncertainty in the Port Planning Process. Journal of Waterway, Port, Coastal and Ocean Engineering, 2021, 147, 05021003.	1.2	3
5	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
6	Mutual information analysis of the factors influencing port throughput. Maritime Business Review, 2021, 6, 129-146.	1.8	7
7	A value-based definition of success in adaptive port planning: a case study of the Port of Isafjörður in Iceland. Maritime Economics and Logistics, 2020, 22, 403-431.	4.0	9
8	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
9	Traffic safety in an aging society: Analysis of older pedestrian crashes. Journal of Transportation Safety and Security, 2019, 11, 323-332.	1.6	28
10	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
11	Increasing Resilience through Interaction: Stakeholder Workshop on Aviation and Volcanic Ash. Journal of Integrated Disaster Risk Management, 2019, 9, 1-19.	0.3	2
12	Transportation infrastructure investment and the location of new manufacturing around South Korea's West Coast Expressway. Transport Policy, 2018, 66, 146-154.	6.6	15
13	Volcanic ash and aviation: Recommendations to improve preparedness for extreme events. Transportation Research, Part A: Policy and Practice, 2018, 113, 101-113.	4.2	6
14	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
15	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
16	A long-term analysis studying the effect of changes in the Nordic electricity supply on Danish and Finnish electricity prices. Economic Analysis and Policy, 2017, 56, 37-50.	6.6	14
17	Cooperation Between Science and Aviation-Sector Service Providers in Europe for Risk Management of Volcanic Ash. Transportation Research Record, 2017, 2626, 99-105.	1.9	11
18	Traffic Crash History of Cognitively Impaired Drivers in Missouri. Transportation Research Record, 2016, 2584, 62-69.	1.9	0

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19	Trip making of older adults in Seoul: Differences in effects of personal and household characteristics by age group and trip purpose. <i>Journal of Transport Geography</i> , 2016, 57, 55-62.	5.0	23
20	Spatial regression analysis of traffic crashes in Seoul. <i>Accident Analysis and Prevention</i> , 2016, 91, 190-199.	5.7	91
21	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
22	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
23	Urban household travel behavior in a time of economic crisis: Changes in trip making and transit importance. <i>Journal of Transport Geography</i> , 2015, 49, 68-75.	5.0	29
24	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
25	Extending the Highway Safety Manual (HSM) framework for traffic safety performance evaluation. <i>Safety Science</i> , 2014, 64, 146-154.	4.9	16
26	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
27	Transportation Deficiencies for Older Adults in Seoul, South Korea. <i>Transportation Research Record</i> , 2014, 2469, 76-88.	1.9	15
28	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
29	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
30	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
31	Transportation in an Aging Society. <i>Transportation Research Record</i> , 2013, 2357, 109-115.	1.9	28
32	Megapatterns of global settlement: Typology and drivers in a warming world. <i>Futures</i> , 2012, 44, 91-104.	2.5	3
33	Model of Relationship between Interstate Crash Occurrence and Geometrics. <i>Transportation Research Record</i> , 2011, 2236, 41-48.	1.9	85
34	Future changes in activity structures of the globe under a receding Arctic ice scenario. <i>Futures</i> , 2011, 43, 450-459.	2.5	18
35	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
36	Analyzing fault in pedestrianâ€“motor vehicle crashes in North Carolina. <i>Accident Analysis and Prevention</i> , 2010, 42, 1805-1813.	5.7	93

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37	The American Medical Association Older Driver Curriculum for Health Professionals: Changes in Trainee Confidence, Attitudes, and Practice Behavior. <i>Gerontology and Geriatrics Education</i> , 2010, 31, 290-309.	0.8	26
38	Traffic Sign Comprehensibility in an Aging Society. <i>Transportation Research Record</i> , 2009, 2096, 81-88.	1.9	8
39	Motor-vehicle crash history and licensing outcomes for older drivers reported as medically impaired in Missouri. <i>Accident Analysis and Prevention</i> , 2009, 41, 246-252.	5.7	46
40	Adaptation and Change with Global Warming. <i>Transportation Research Record</i> , 2009, 2139, 117-124.	1.9	9
41	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
42	Curbing automobile use for sustainable transportation: analysis of mode choice on short home-based trips. <i>Transportation</i> , 2008, 35, 723-737.	4.0	65
43	Modeling Micro-Spatial Employment Location Patterns: A Comparison of Count and Choice Approaches. <i>Geographical Analysis</i> , 2008, 40, 123-151.	3.5	21
44	Does 'Smart Growth' Matter to Public Finance?. <i>Urban Studies</i> , 2008, 45, 1791-1823.	3.7	100
45	Children's Travel to School: Discrete Choice Modeling of Correlated Motorized and Nonmotorized Transportation Modes Using Covariance Heterogeneity. <i>Environment and Planning B: Planning and Design</i> , 2008, 35, 195-206.	1.7	25
46	Modeling the Probability of Freeway Rear-End Crash Occurrence. <i>Journal of Transportation Engineering</i> , 2007, 133, 11-19.	0.9	41
47	Incorporating land use in metropolitan transportation planning. <i>Transportation Research, Part A: Policy and Practice</i> , 2007, 41, 382-410.	4.2	86
48	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
49	Bicyclist injury severities in bicycle-motor vehicle accidents. <i>Accident Analysis and Prevention</i> , 2007, 39, 238-251.	5.7	402
50	Factors Affecting Common Vehicle-to-Vehicle Collision Types. <i>Transportation Research Record</i> , 2006, 1980, 70-78.	1.9	5
51	The Cycle of Fragmentation and Sprawl: A Conceptual Framework and Empirical Model. <i>Environment and Planning B: Planning and Design</i> , 2006, 33, 767-788.	1.7	44
52	Is Access Management Good for Business? Business Perceptions of the Effects of Traffic Access Management on Accessibility and Patronage. <i>Transportation Planning and Technology</i> , 2006, 29, 273-293.	2.0	3
53	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
54	The effect of variable message and speed limit signs on mean speeds and speed deviations. <i>International Journal of Vehicle Information and Communication Systems</i> , 2005, 1, 69.	0.1	16

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55	The crash severity impacts of fixed roadside objects. Journal of Safety Research, 2005, 36, 139-147.	3.6	149
56	Travel Mode Choice of the Elderly: Effects of Personal, Household, Neighborhood, and Trip Characteristics. Transportation Research Record, 2004, 1894, 117-126.	1.9	144
57	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
58	Differences in male and female injury severities in sport-utility vehicle, minivan, pickup and passenger car accidents. Accident Analysis and Prevention, 2004, 36, 135-147.	5.7	331
59	Introduction to Urban Simulation: Design and Development of Operational Models. , 2004, , 203-236.		65
60	Modeling crashes involving pedestrians and motorized traffic. Safety Science, 2003, 41, 627-640.	4.9	114
61	Urban Sprawl and the Cost of Public Services. Environment and Planning B: Planning and Design, 2003, 30, 503-522.	1.7	260
62	Accident Count Model Based on Multiyear Cross-Sectional Roadway Data with Serial Correlation. Transportation Research Record, 2003, 1840, 193-197.	1.9	58
63	Fragmentation and Sprawl: Evidence from Interregional Analysis. Growth and Change, 2002, 33, 312-340.	2.6	154