

Haneen Farah

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

1,982
citations

218677

26
h-index

276875

41
g-index

75
all docs

75
docs citations

75
times ranked

1333
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction between pedestrians and automated vehicles: A Wizard of Oz experiment. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2018, 58, 1005-1020.	3.7	114
2	HeartPy: A novel heart rate algorithm for the analysis of noisy signals. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2019, 66, 368-378.	3.7	107
3	Risk evaluation by modeling of passing behavior on two-lane rural highways. <i>Accident Analysis and Prevention</i> , 2009, 41, 887-894.	5.7	84
4	Studying pedestrians' crossing behavior when interacting with automated vehicles using virtual reality. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2019, 66, 1-14.	3.7	80
5	A passing gap acceptance model for two-lane rural highways. <i>Transportmetrica</i> , 2009, 5, 159-172.	1.8	78
6	Safety analysis of passing maneuvers using extreme value theory. <i>IATSS Research</i> , 2017, 41, 12-21.	3.4	77
7	Latent class model for car following behavior. <i>Transportation Research Part B: Methodological</i> , 2012, 46, 563-578.	5.9	70
8	Evaluation of the effect of cooperative infrastructure-to-vehicle systems on driver behavior. <i>Transportation Research Part C: Emerging Technologies</i> , 2012, 21, 42-56.	7.6	69
9	Passing behavior on two-lane highways. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2010, 13, 355-364.	3.7	60
10	Do cooperative systems make drivers' car-following behavior safer?. <i>Transportation Research Part C: Emerging Technologies</i> , 2014, 41, 61-72.	7.6	58
11	A forward collision avoidance algorithm based on driver braking behavior. <i>Accident Analysis and Prevention</i> , 2019, 129, 30-43.	5.7	52
12	Age and Gender Differences in Overtaking Maneuvers on Two-Lane Rural Highways. <i>Transportation Research Record</i> , 2011, 2248, 30-36.	1.9	50
13	Can providing feedback on driving behavior and training on parental vigilant care affect male teen drivers and their parents?. <i>Accident Analysis and Prevention</i> , 2014, 69, 62-70.	5.7	50
14	Driving behaviour at motorway ramps and weaving segments based on empirical trajectory data. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 92, 426-441.	7.6	49
15	Analysing Noisy Driver Physiology Real-Time Using Off-the-Shelf Sensors: Heart Rate Analysis Software from the Taking the Fast Lane Project. <i>Journal of Open Research Software</i> , 2019, 7, 32.	5.9	48
16	Design and operation of dedicated lanes for connected and automated vehicles on motorways: A conceptual framework and research agenda. <i>Transportation Research Part C: Emerging Technologies</i> , 2020, 117, 102664.	7.6	40
17	Road safety of passing maneuvers: A bivariate extreme value theory approach under non-stationary conditions. <i>Accident Analysis and Prevention</i> , 2020, 134, 105315.	5.7	39
18	Modelling overtaking strategy and lateral distance in car-to-cyclist overtaking on rural roads: A driving simulator experiment. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2019, 63, 226-239.	3.7	38

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19	On Developing a Driver Identification Methodology Using In-Vehicle Data Recorders. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 2387-2396.	8.0	35
20	The effect of positive and negative emotions on young drivers: A simulator study. Transportation Research Part F: Traffic Psychology and Behaviour, 2017, 49, 236-243.	3.7	34
21	Comparative Assessment of Safety Indicators for Vehicle Trajectories on Highways. Transportation Research Record, 2017, 2659, 127-136.	1.9	33
22	Car-following behavioural adaptation when driving next to automated vehicles on a dedicated lane on motorways: A driving simulator study in the Netherlands. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 78, 119-129.	3.7	32
23	Association of risk proneness in overtaking maneuvers with impaired decision making. Transportation Research Part F: Traffic Psychology and Behaviour, 2008, 11, 313-323.	3.7	31
24	The contribution of parents' driving behavior, family climate for road safety, and parent-targeted intervention to young male driving behavior. Accident Analysis and Prevention, 2014, 72, 296-301.	5.7	30
25	Are collision and crossing course surrogate safety indicators transferable? A probability based approach using extreme value theory. Accident Analysis and Prevention, 2020, 143, 105517.	5.7	29
26	Effects of parental vigilant care and feedback on novice driver risk. Journal of Adolescence, 2015, 38, 69-80.	2.4	28
27	The impact of a dedicated lane for connected and automated vehicles on the behaviour of drivers of manual vehicles. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 82, 141-153.	3.7	28
28	Modelling decisions of control transitions and target speed regulations in full-range Adaptive Cruise Control based on Risk Allostasis Theory. Transportation Research Part B: Methodological, 2018, 117, 318-341.	5.9	27
29	The First Year of Driving. Transportation Research Record, 2013, 2327, 26-33.	1.9	24
30	Safety implications of higher levels of automated vehicles: a scoping review. Transport Reviews, 2022, 42, 245-267.	8.8	24
31	Passing Behavior on Two-Lane Roads in Real and Simulated Environments. Transportation Research Record, 2016, 2556, 29-38.	1.9	23
32	Modeling drivers' passing duration and distance in a virtual environment. IATSS Research, 2013, 37, 61-67.	3.4	22
33	Impact of Infrastructure Characteristics on Road Crashes on Two-Lane Highways. Traffic Injury Prevention, 2005, 6, 240-247.	1.4	21
34	Evolution of Traffic Microsimulation and Its Use for Modeling Connected and Automated Vehicles. Journal of Advanced Transportation, 2021, 2021, 1-29.	1.7	21
35	Can Automated Vehicles Improve Cyclist Safety in Urban Areas?. Safety, 2019, 5, 57.	1.7	18
36	Do cyclists need HMIs in future automated traffic? An interview study. Transportation Research Part F: Traffic Psychology and Behaviour, 2022, 84, 33-52.	3.7	17

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37	An Empirical Analysis to Assess the Operational Design Domain of Lane Keeping System Equipped Vehicles Combining Objective and Subjective Risk Measures. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 2589-2598.	8.0	16
38	Behavioral adaptations of human drivers interacting with automated vehicles. Transportation Research Part F: Traffic Psychology and Behaviour, 2022, 86, 48-64.	3.7	16
39	When Do Drivers Abort an Overtaking Maneuver on Two-Lane Rural Roads?. Transportation Research Record, 2016, 2602, 16-25.	1.9	15
40	How do drivers negotiate horizontal ramp curves in system interchanges in the Netherlands?. Safety Science, 2019, 119, 58-69.	4.9	15
41	Adaptations in driver behaviour characteristics during control transitions from full-range Adaptive Cruise Control to manual driving: an on-road study. Transportmetrica A: Transport Science, 2020, 16, 776-806.	2.0	15
42	Critical Assessment of Methodologies for Operations and Safety Evaluations of Freeway Turbulence. Transportation Research Record, 2016, 2556, 39-48.	1.9	14
43	Multi-Level Driver Workload Prediction using Machine Learning and Off-the-Shelf Sensors. Transportation Research Record, 2018, 2672, 141-152.	1.9	14
44	Alternative Definitions of Passing Critical Gaps. Transportation Research Record, 2011, 2260, 76-82.	1.9	13
45	Empirical Speed Behavior on Horizontal Ramp Curves in Interchanges in the Netherlands. Transportation Research Record, 2017, 2618, 38-47.	1.9	13
46	Operational Design Domain Requirements for Improved Performance of Lane Assistance Systems: A Field Test Study in The Netherlands. IEEE Open Journal of Intelligent Transportation Systems, 2020, 1, 237-252.	4.8	13
47	Cyclistsâ€™ Crossing Intentions When Interacting with Automated Vehicles: A Virtual Reality Study. Information (Switzerland), 2021, 12, 7.	2.9	12
48	Resuming Manual Control or Not?: Modeling Choices of Control Transitions in Full-Range Adaptive Cruise Control. Transportation Research Record, 2017, 2622, 38-47.	1.9	11
49	Speed behaviour upon approaching freeway curves. Accident Analysis and Prevention, 2021, 159, 106276.	5.7	11
50	Towards common ethical and safe â€˜behaviourâ€™ standards for automated vehicles. Accident Analysis and Prevention, 2022, 174, 106724.	5.7	11
51	Risk appraisal of passing zones on two-lane rural highways and policy applications. Accident Analysis and Prevention, 2016, 90, 1-12.	5.7	10
52	Scenario-Based Infrastructure Requirements for Automated Driving., 2019, , .		10
53	Macroscopic traffic flow changes around ramps. Transportmetrica A: Transport Science, 2018, 14, 598-614.	2.0	9
54	A conceptual model for persuasive in-vehicle technology to influence tactical level driver behaviour. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 60, 202-216.	3.7	9

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55	Free flow speed estimation: A probabilistic, latent approach. Impact of speed limit changes and road characteristics. <i>Transportation Research, Part A: Policy and Practice</i> , 2020, 138, 283-298.	4.2	9
56	Using Extreme Value Theory for the Prediction of Head-On Collisions During Passing Maneuvres. , 2015, , .		8
57	How do dutch drivers perceive horizontal curves on freeway interchanges and which cues influence their speed choice?. <i>IATSS Research</i> , 2021, 45, 258-266.	3.4	8
58	Driving exposure of Israeli young male drivers within a graduated driver licensing system. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2014, 26, 180-189.	3.7	7
59	Effect of passing zone length on operation and safety of two-lane rural highways in Uganda. <i>IATSS Research</i> , 2017, 41, 38-46.	3.4	7
60	Will pedestrians cross the road before an automated vehicle? The effect of driversâ€™ attentiveness and presence on pedestriansâ€™ road crossing behavior. <i>Transportation Research Interdisciplinary Perspectives</i> , 2021, 12, 100466.	2.7	7
61	Driversâ€™ Irrationality in Evaluating Risks on Two-Lane Highways. <i>Journal of Transportation Safety and Security</i> , 2012, 4, 67-82.	1.6	6
62	Tram drivers' perceived safety and driving stress evaluation. A stated preference experiment. <i>Transportation Research Interdisciplinary Perspectives</i> , 2020, 7, 100205.	2.7	6
63	Car-Following Properties of a Commercial Adaptive Cruise Control System: A Pilot Field Test. <i>Transportation Research Record</i> , 2022, 2676, 128-143.	1.9	6
64	A Model and Its Applications for Predicting Passing Rate at Passing Zones on Two-Lane Rural Highways. <i>Journal of Transportation Engineering</i> , 2016, 142, 04015049.	0.9	5
65	Critical Assessment of Microscopic Simulation Models for Simulating Turbulence around Motorway Ramps. <i>Journal of Transportation Engineering Part A: Systems</i> , 2020, 146, 04019066.	1.4	4
66	DEVELOPMENT OF AN INFRASTRUCTURE COEFFICIENT BY AN ANALYTIC HIERARCHY PROCESS AND ITS RELATIONSHIP TO SAFETY. <i>IATSS Research</i> , 2007, 31, 120-132.	3.4	3
67	Intersection Control Type Effect on Automated Vehicle Operation. , 2019, , .		3
68	The Technion â€œ Israel Institute of Technology Faculty of Civil and Environmental Engineering Department of Transportation and Geo-Information Engineering. <i>IATSS Research</i> , 2007, 31, 120-123.	3.4	2
69	â€œEverything Somewhereâ€ or â€œSomething Everywhereâ€: Examining the Implications of Automated Vehiclesâ€™ Deployment Strategies. <i>Sustainability</i> , 2021, 13, 9750.	3.2	2
70	Simulation-based evaluation of I2V systemsâ€™ impact on traffic performance: case study â€œ COOPERS. <i>WIT Transactions on the Built Environment</i> , 2014, , .	0.0	2
71	Special issue on simulation of traffic safety in the era of advances in technologies. <i>Accident Analysis and Prevention</i> , 2018, 116, 1-2.	5.7	1
72	The Persuasive Automobile: Design and Evaluation of a Persuasive Lane-Specific Advice Human Machine Interface. <i>IEEE Open Journal of Intelligent Transportation Systems</i> , 2020, 1, 93-108.	4.8	1

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73	Capacity and Safety of Passing Zones on Two-Lane Rural Highways: A Review of Theory and Practice. Journal of Traffic and Logistics Engineering, 2014, 2, 156-163.	0.3	1
74	Special issue on road safety and simulation 2017. Accident Analysis and Prevention, 2021, 161, 106384.	5.7	0