

Daniel V Mcgehee

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,570
citations

567281

15
h-index

414414

32
g-index

35
all docs

35
docs citations

35
times ranked

1038
citing authors

#	ARTICLE	IF	CITATIONS
1	Collision Warning Timing, Driver Distraction, and Driver Response to Imminent Rear-End Collisions in a High-Fidelity Driving Simulator. <i>Human Factors</i> , 2002, 44, 314-334.	3.5	474
2	Extending parental mentoring using an event-triggered video intervention in rural teen drivers. <i>Journal of Safety Research</i> , 2007, 38, 215-227.	3.6	151
3	Human Factors Field Evaluation of Automotive Headway Maintenance/Collision Warning Devices. <i>Human Factors</i> , 1997, 39, 216-229.	3.5	141
4	Effects of Age, System Experience, and Navigation Technique on Driving with an Advanced Traveler Information System. <i>Human Factors</i> , 1997, 39, 177-199.	3.5	130
5	Human Performance Models and Rear-End Collision Avoidance Algorithms. <i>Human Factors</i> , 2001, 43, 462-482.	3.5	99
6	Driver Reaction Time in Crash Avoidance Research: Validation of a Driving Simulator Study on a Test Track. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2000, 44, 3-320-3-323.	0.3	95
7	Using an Event-Triggered Video Intervention System to Expand the Supervised Learning of Newly Licensed Adolescent Drivers. <i>American Journal of Public Health</i> , 2010, 100, 1101-1106.	2.7	78
8	Drivers' attitudes toward imperfect distraction mitigation strategies. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2006, 9, 387-398.	3.7	68
9	Effect of Warning Timing on Collision Avoidance Behavior in a Stationary Lead Vehicle Scenario. <i>Transportation Research Record</i> , 2002, 1803, 1-6.	1.9	41
10	National Survey Identifying Gaps in Consumer Knowledge of Advanced Vehicle Safety Systems. <i>Transportation Research Record</i> , 2016, 2559, 1-6.	1.9	34
11	Using event-triggered naturalistic data to examine the prevalence of teen driver distractions in rear-end crashes. <i>Journal of Safety Research</i> , 2016, 57, 47-52.	3.6	34
12	Comparison of Driver Braking Responses in a High-Fidelity Simulator and on a Test Track. <i>Transportation Research Record</i> , 2002, 1803, 59-65.	1.9	32
13	The Effect of Secondary Task Engagement on Adolescents' Driving Performance and Crash Risk. <i>Journal of Adolescent Health</i> , 2015, 57, S36-S43.	2.5	28
14	Effects of Adaptive Cruise Control and Alert Modality on Driver Performance. <i>Transportation Research Record</i> , 2006, 1980, 49-56.	1.9	22
15	Examining teen driver crashes and the prevalence of distraction: Recent trends, 2007-2015. <i>Journal of Safety Research</i> , 2018, 64, 21-27.	3.6	18
16	Attention-Based Model of Driver Performance in Rear-End Collisions. <i>Transportation Research Record</i> , 2000, 1724, 14-20.	1.9	17
17	Collision Avoidance Behavior of Unalerted Drivers Using a Front-to-Rear-End Collision Warning Display on the Iowa Driving Simulator. <i>Transportation Research Record</i> , 1997, 1573, 1-7.	1.9	14
18	The Wagging Foot of Uncertainty: Data Collection and Reduction Methods for Examining Foot Pedal Behavior in Naturalistic Driving. <i>SAE International Journal of Transportation Safety</i> , 0, 4, 289-294.	0.4	14

#	ARTICLE	IF	CITATIONS
19	Evaluating variability in foot to pedal movements using functional principal components analysis. <i>Accident Analysis and Prevention</i> , 2018, 118, 146-153.	5.7	13
20	The Potential Value of a Front-to-Rear-End Collision Warning System Based on Factors of Driver Behavior, Visual Perception and Brake Reaction Time. <i>Proceedings of the Human Factors Society Annual Meeting</i> , 1992, 36, 1003-1005.	0.1	12
21	Special considerations in distracted driving with teens. <i>Annals of Advances in Automotive Medicine</i> , 2014, 58, 69-83.	0.6	11
22	Matching Simulator Characteristics to Highway Design Problems. <i>Transportation Research Record</i> , 2011, 2248, 53-60.	1.9	7
23	Classifying and predicting risky driving among novice drivers: A group-based trajectory approach. <i>Journal of Safety Research</i> , 2019, 68, 215-222.	3.6	7
24	Driver Performance Results from the Travtek IVHS Camera Car Evaluation Study. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 1994, 38, 1118-1122.	0.3	5
25	An Experimental Field Test of Automotive Headway Maintenance/Collision Warning Visual Displays. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 1994, 38, 1099-1104.	0.3	4
26	Impacts on Driver Perceptions in Initial Exposure to ADAS Technologies. <i>Transportation Research Record</i> , 2019, 2673, 354-360.	1.9	4
27	Auditory Global Positioning System and Advanced Driver Assistance Systems: A Safer Alternative to Biopic Telescopes for Drivers Who Are Visually Impaired?. <i>Optometry and Vision Science</i> , 2019, 96, 130-132.	1.2	4
28	Prior Exposure, Warning Algorithm Parameters and Driver Response to Imminent Rear-End Collisions on a High-Fidelity Simulator. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2000, 44, 3-316-3-319.	0.3	3
29	Mechanisms of cannabis impairment: Implications for modeling driving performance. <i>Forensic Science International</i> , 2021, 328, 110902.	2.2	3
30	Perception and biodynamics in unalerted precrash response. <i>Annals of Advances in Automotive Medicine</i> , 2010, 54, 315-32.	0.6	3
31	Visual and cognitive distraction metrics in the age of the smart phone: A basic review. <i>Annals of Advances in Automotive Medicine</i> , 2014, 58, 15-23.	0.6	2
32	Teen driver system modeling: a tool for policy analysis. <i>Injury Epidemiology</i> , 2018, 5, 34.	1.8	1
33	Quantifying and recommending seat belt reminder timing using naturalistic driving video data. <i>Journal of Safety Research</i> , 2022, 80, 399-407.	3.6	1
34	Adaptive Cruise Control: First Impressions Matter. , 2017, , .		0
35	Authors' Response. <i>Optometry and Vision Science</i> , 2019, 96, 382-383.	1.2	0