

John D Lee

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

192
papers

9,459
citations

44
h-index

94
g-index

199
ext. papers

11,039
ext. citations

3
avg, IF

6.67
L-index

#	Paper	IF	Citations
192	Trust in Automation: Designing for Appropriate Reliance. <i>Human Factors</i> , 2004 , 46, 50-80	3.8	1533
191	Trust, control strategies and allocation of function in human-machine systems. <i>Ergonomics</i> , 1992 , 35, 1243-70	2.9	799
190	Trust in automation: designing for appropriate reliance. <i>Human Factors</i> , 2004 , 46, 50-80	3.8	558
189	Trust, self-confidence, and operators' adaptation to automation. <i>International Journal of Human Computer Studies</i> , 1994 , 40, 153-184	4.6	534
188	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, 314-34	3.8	402
187	Real-Time Detection of Driver Cognitive Distraction Using Support Vector Machines. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2007 , 8, 340-350	6.1	291
186	Speech-based interaction with in-vehicle computers: the effect of speech-based e-mail on drivers' attention to the roadway. <i>Human Factors</i> , 2001 , 43, 631-40	3.8	248
185	Extending the Technology Acceptance Model to assess automation. <i>Cognition, Technology and Work</i> , 2012 , 14, 39-49	2.9	203
184	Technology and teen drivers. <i>Journal of Safety Research</i> , 2007 , 38, 203-13	4	163
183	Combining cognitive and visual distraction: less than the sum of its parts. <i>Accident Analysis and Prevention</i> , 2010 , 42, 881-90	6.1	156
182	Making adaptive cruise control (ACC) limits visible. <i>International Journal of Human Computer Studies</i> , 2007 , 65, 192-205	4.6	152
181	The influence of distraction and driving context on driver response to imperfect collision warning systems. <i>Ergonomics</i> , 2007 , 50, 1264-86	2.9	129
180	Safety implications of providing real-time feedback to distracted drivers. <i>Accident Analysis and Prevention</i> , 2007 , 39, 581-90	6.1	126
179	Extending parental mentoring using an event-triggered video intervention in rural teen drivers. <i>Journal of Safety Research</i> , 2007 , 38, 215-27	4	123
178	How dangerous is looking away from the road? Algorithms predict crash risk from glance patterns in naturalistic driving. <i>Human Factors</i> , 2012 , 54, 1104-16	3.8	103
177	Collision warning design to mitigate driver distraction 2004 ,		101
176	Preface to the special section on human factors and automation in vehicles: designing highly automated vehicles with the driver in mind. <i>Human Factors</i> , 2012 , 54, 681-6	3.8	99

175	Automatic updating of times remaining in surgical cases using bayesian analysis of historical case duration data and "instant messaging" updates from anesthesia providers. <i>Anesthesia and Analgesia</i> , 2009 , 108, 929-40	3.9	98
174	Fifty years of driving safety research. <i>Human Factors</i> , 2008 , 50, 521-8	3.8	97
173	Alerts for in-vehicle information systems: annoyance, urgency, and appropriateness. <i>Human Factors</i> , 2007 , 49, 145-57	3.8	84
172	Defining Driver Distraction 2008 , 31-40		84
171	Visual attention in driving: the effects of cognitive load and visual disruption. <i>Human Factors</i> , 2007 , 49, 721-33	3.8	79
170	Human performance models and rear-end collision avoidance algorithms. <i>Human Factors</i> , 2001 , 43, 462-82	3.8	79
169	The impact of distraction mitigation strategies on driving performance. <i>Human Factors</i> , 2006 , 48, 785-804	3.8	74
168	A hybrid Bayesian Network approach to detect driver cognitive distraction. <i>Transportation Research Part C: Emerging Technologies</i> , 2014 , 38, 146-155	8.4	72
167	Detecting and Quantifying Mind Wandering during Simulated Driving. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 406	3.3	71
166	Operating room managerial decision-making on the day of surgery with and without computer recommendations and status displays. <i>Anesthesia and Analgesia</i> , 2007 , 105, 419-29	3.9	71
165	Preface to the special section on driver distraction. <i>Human Factors</i> , 2004 , 46, 583-6	3.8	70
164	Improving process safety: What roles for Digitalization and Industry 4.0?. <i>Chemical Engineering Research and Design</i> , 2019 , 132, 325-339	5.5	69
163	Mitigating driver distraction with retrospective and concurrent feedback. <i>Accident Analysis and Prevention</i> , 2008 , 40, 776-86	6.1	64
162	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, 1101-6	5.1	63
161	Directing driver attention with augmented reality cues. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2013 , 16, 127-137	4.5	62
160	Auditory alerts for in-vehicle information systems: the effects of temporal conflict and sound parameters on driver attitudes and performance. <i>Ergonomics</i> , 2004 , 47, 965-86	2.9	61
159	Effects of cognitive load presence and duration on driver eye movements and event detection performance. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2008 , 11, 391-402	4.5	59
158	Extending the decision field theory to model operators' reliance on automation in supervisory control situations. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2006 , 36, 943-959		58

157	A psychological basis for anesthesiologists' operating room managerial decision-making on the day of surgery. <i>Anesthesia and Analgesia</i> , 2007 , 105, 430-4	3.9	57
156	The Out-of-the-Loop Concept in automated driving: proposed definition, measures and implications. <i>Cognition, Technology and Work</i> , 2019 , 21, 87-98	2.9	57
155	Augmented reality cues and elderly driver hazard perception. <i>Human Factors</i> , 2013 , 55, 643-58	3.8	56
154	Using driving simulators to assess driving safety. <i>Accident Analysis and Prevention</i> , 2010 , 42, 785-7	6.1	56
153	Steering in a random forest: ensemble learning for detecting drowsiness-related lane departures. <i>Human Factors</i> , 2014 , 56, 986-98	3.8	54
152	Review of a pivotal Human Factors article: "Humans and automation: use, misuse, disuse, abuse". <i>Human Factors</i> , 2008 , 50, 404-10	3.8	53
151	Drivers' attitudes toward imperfect distraction mitigation strategies. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2006 , 9, 387-398	4.5	50
150	Calibration of skill and judgment in driving: development of a conceptual framework and the implications for road safety. <i>Accident Analysis and Prevention</i> , 2015 , 76, 25-33	6.1	48
149	Evaluation of a Rankine Cycle Display for Nuclear Power Plant Monitoring and Diagnosis. <i>Human Factors</i> , 1996 , 38, 506-521	3.8	46
148	Scrolling and driving: how an MP3 player and its aftermarket controller affect driving performance and visual behavior. <i>Human Factors</i> , 2012 , 54, 250-63	3.8	43
147	. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2000 , 30, 273-285		42
146	Display Alternatives for In-Vehicle Warning and Sign Information: Message Style, Location, and Modality. <i>Transportation Human Factors</i> , 1999 , 1, 347-375		42
145	A contextual and temporal algorithm for driver drowsiness detection. <i>Accident Analysis and Prevention</i> , 2018 , 113, 25-37	6.1	41
144	Augmenting the Technology Acceptance Model with Trust: Commercial Drivers' Attitudes towards Monitoring and Feedback. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2012 , 56, 2286-2290	4.4	41
143	Human Factors in Automation Design 2009 , 417-436		41
142	Differences in Off-Road Glances: Effects on Young Drivers' Performance. <i>Journal of Transportation Engineering</i> , 2010 , 136, 403-409		40
141	Nonintrusive Detection of Driver Cognitive Distraction in Real Time Using Bayesian Networks. <i>Transportation Research Record</i> , 2007 , 2018, 1-8	1.7	40
140	Quantitative analysis of steering adaptation on a high performance fixed-base driving simulator. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2004 , 7, 181-196	4.5	40

139	Keeping the driver in the loop: Dynamic feedback to support appropriate use of imperfect vehicle control automation. <i>International Journal of Human Computer Studies</i> , 2019 , 125, 66-80	4.6	40
138	Translating cognitive neuroscience to the driver's operational environment: a neuroergonomic approach. <i>American Journal of Psychology</i> , 2010 , 123, 391-411	0.5	39
137	Warn me now or inform me later: Drivers' acceptance of real-time and post-drive distraction mitigation systems. <i>International Journal of Human Computer Studies</i> , 2012 , 70, 967-979	4.6	38
136	Real-Time Detection of Drowsiness Related Lane Departures Using Steering Wheel Angle. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2012 , 56, 2201-2205	0.4	36
135	Human Factors and Ergonomics in Automation Design 2006 , 1570-1596		35
134	The interaction of cognitive load and attention-directing cues in driving. <i>Human Factors</i> , 2009 , 51, 271-80.8		34
133	The effect of an information and communication technology (ICT) on older adults' quality of life: study protocol for a randomized control trial. <i>Trials</i> , 2015 , 16, 191	2.8	32
132	Exploring Trust in Self-Driving Vehicles Through Text Analysis. <i>Human Factors</i> , 2020 , 62, 260-277	3.8	32
131	Changes in the Correlation Between Eye and Steering Movements Indicate Driver Distraction. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2013 , 14, 136-145	6.1	31
130	Effect of Warning Timing on Collision Avoidance Behavior in a Stationary Lead Vehicle Scenario. <i>Transportation Research Record</i> , 2002 , 1803, 1-6	1.7	31
129	Reading, typing, and driving: How interactions with in-vehicle systems degrade driving performance. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2014 , 27, 182-191	4.5	30
128	Engineering. Can technology get your eyes back on the road?. <i>Science</i> , 2009 , 324, 344-6	33.3	29
127	Effects of Adaptive Cruise Control and Alert Modality on Driver Performance		29
126	The Dynamics of Trust in Cyberdomains. <i>IEEE Intelligent Systems</i> , 2009 , 24, 5-11	4.2	28
125	. <i>IEEE Intelligent Systems</i> , 2007 , 22, 52-59	4.2	28
124	Augmented reality cues to assist older drivers with gap estimation for left-turns. <i>Accident Analysis and Prevention</i> , 2014 , 71, 210-21	6.1	27
123	Comparison of Driver Braking Responses in a High-Fidelity Simulator and on a Test Track. <i>Transportation Research Record</i> , 2002 , 1803, 59-65	1.7	27
122	Bibliometric analysis of Human Factors (1970-2000): a quantitative description of scientific impact. <i>Human Factors</i> , 2005 , 47, 753-66	3.8	26

121	A dynamic model of interaction between reliance on automation and cooperation in multi-operator multi-automation situations. <i>International Journal of Industrial Ergonomics</i> , 2006 , 36, 511-526	2.9	26
120	Dynamics of Driver Distraction: The process of engaging and disengaging. <i>Annals of Advances in Automotive Medicine</i> , 2014 , 58, 24-32		26
119	Emerging challenges in cognitive ergonomics: Managing swarms of self-organizing agent-based automation. <i>Theoretical Issues in Ergonomics Science</i> , 2001 , 2, 238-250	2.2	25
118	Differentiating Alcohol-Induced Driving Behavior Using Steering Wheel Signals. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2012 , 13, 1355-1368	6.1	24
117	Vulnerable road users and the coming wave of automated vehicles: Expert perspectives. <i>Transportation Research Interdisciplinary Perspectives</i> , 2021 , 9, 100293	7.3	24
116	Trusting Automation: Designing for Responsivity and Resilience. <i>Human Factors</i> , 2021 , 1872082110099958	3.8	24
115	Effects of Adaptive Cruise Control and Alert Modality on Driver Performance. <i>Transportation Research Record</i> , 2006 , 1980, 49-56	1.7	21
114	Can scientific impact be judged prospectively? A bibliometric test of Simonton's model of creative productivity. <i>Scientometrics</i> , 2003 , 56, 223-232	3	21
113	Quantitative analysis of steering adaptation on a high performance fixed-base driving simulator 2004 , 7, 181-181		21
112	Chunking: a procedure to improve naturalistic data analysis. <i>Accident Analysis and Prevention</i> , 2013 , 58, 309-17	6.1	20
111	Human Factors and Ergonomics in Automation Design 2012 , 1615-1642		20
110	Cooperation in Human-Agent Systems to Support Resilience: A Microworld Experiment. <i>Human Factors</i> , 2016 , 58, 846-63	3.8	20
109	Perspectives on Automotive Automation and Autonomy. <i>Journal of Cognitive Engineering and Decision Making</i> , 2018 , 12, 53-57	2.5	20
108	Cross-modal warnings for orienting attention in older drivers with and without attention impairments. <i>Applied Ergonomics</i> , 2012 , 43, 768-76	4.2	19
107	A Dynamic Programming Algorithm for Scheduling In-Vehicle Messages. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2008 , 9, 226-234	6.1	19
106	Vehicle Automation Other Road User Communication and Coordination: Theory and Mechanisms. <i>IEEE Access</i> , 2020 , 8, 19860-19872	3.5	18
105	Text mining to decipher free-response consumer complaints: insights from the NHTSA vehicle owner's complaint database. <i>Human Factors</i> , 2014 , 56, 1189-203	3.8	18
104	Trust, Reliance, and Compliance 2013 ,		18

103	Impaired attentional disengagement in older adults with useful field of view decline. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2012 , 67, 405-12	4.6	18
102	Traffic-entry behavior and crash risk for older drivers with impairment of selective attention. <i>Perceptual and Motor Skills</i> , 2006 , 102, 632-44	2.2	16
101	What Drives Distraction? Distraction as a Breakdown of Multilevel Control 2008 , 41-56		16
100	Attention grounding: a new approach to in-vehicle information system implementation. <i>Theoretical Issues in Ergonomics Science</i> , 2007 , 8, 255-276	2.2	15
99	Driving Safety. <i>Reviews of Human Factors and Ergonomics</i> , 2005 , 1, 172-218		15
98	Evaluating driver drowsiness countermeasures. <i>Traffic Injury Prevention</i> , 2017 , 18, S58-S63	1.8	14
97	Challenges for Older Drivers in Urban, Suburban, and Rural Settings. <i>Geriatrics (Switzerland)</i> , 2018 , 3,	2.2	14
96	Driver sensitivity to brake pulse duration and magnitude. <i>Ergonomics</i> , 2007 , 50, 828-36	2.9	14
95	Factors Moderating the Impact of Distraction on Driving Performance and Safety 2008 , 335-351		14
94	Understanding Attitudes Towards Self-Driving Vehicles: Quantitative Analysis of Qualitative Data. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018 , 62, 1399-1403	0.4	14
93	Proxemics and Kinesics in Automated Vehicle-Pedestrian Communication: Representing Ethnographic Observations. <i>Transportation Research Record</i> , 2019 , 2673, 70-81	1.7	13
92	Understanding the ridesharing needs of older adults. <i>Travel Behaviour & Society</i> , 2018 , 13, 155-164	5.3	13
91	A Looming Crisis: The Distribution of Off-Road Glance Duration in Moments Leading up to Crashes/Near-Crashes in Naturalistic Driving. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014 , 58, 2102-2106	0.4	13
90	Visual search for features and conjunctions following declines in the useful field of view. <i>Experimental Aging Research</i> , 2012 , 38, 411-21	1.7	13
89	Attention-Based Model of Driver Performance in Rear-End Collisions. <i>Transportation Research Record</i> , 2000 , 1724, 14-20	1.7	13
88	Situation Awareness, Scenarios, and Secondary Tasks: Measuring Driver Performance and Safety Margins in Highly Automated Vehicles. <i>SAE International Journal of Passenger Cars - Electronic and Electrical Systems</i> , 2016 , 9, 237-242		13
87	Psychophysics of Trust in Vehicle Control Algorithms 2016 ,		13
86	Steer or Brake?: Modeling Drivers' Collision-Avoidance Behavior by Using Perceptual Cues. <i>Transportation Research Record</i> , 2016 , 2602, 97-103	1.7	13

85	Assessing Drivers' Trust of Automated Vehicle Driving Styles With a Two-Part Mixed Model of Intervention Tendency and Magnitude. <i>Human Factors</i> , 2021 , 63, 197-209	3.8	13
84	Taxonomy of Mitigation Strategies for Driver Distraction. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2003 , 47, 1865-1869	0.4	12
83	Visual Sampling of In-Vehicle Text Messages: Effects of Number of Lines, Page Presentation, and Message Control. <i>Transportation Research Record</i> , 2005 , 1937, 22-30	1.7	12
82	Measuring the Effects of Driver Distraction 2008 , 85-105		11
81	Visual Sampling of In-Vehicle Text Messages: Effects of Number of Lines, Page Presentation, and Message Control		11
80	Machine Learning and Human Factors: Status, Applications, and Future Directions. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018 , 62, 135-138	0.4	11
79	Modeling Driver Response to Imperfect Vehicle Control Automation. <i>Procedia Manufacturing</i> , 2015 , 3, 2621-2628	1.5	10
78	Network analysis of information flows to integrate in-vehicle information systems. <i>International Journal of Vehicle Information and Communication Systems</i> , 2005 , 1, 24	0.3	10
77	Applying Ecological Interface Design to the Driving Domain: The Results of an Abstraction Hierarchy Analysis. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2003 , 47, 444-448	0.4	10
76	Designing Feedback to Mitigate Distraction 2008 , 519-531		10
75	Moving Into the Loop: An Investigation of Drivers' Steering Behavior in Highly Automated Vehicles. <i>Human Factors</i> , 2020 , 62, 671-683	3.8	10
74	Time-to-contact estimation errors among older drivers with useful field of view impairments. <i>Accident Analysis and Prevention</i> , 2016 , 95, 284-91	6.1	9
73	How safe is tuning a radio?: using the radio tuning task as a benchmark for distracted driving. <i>Accident Analysis and Prevention</i> , 2018 , 110, 29-37	6.1	9
72	Using trip diaries to mitigate route risk and risky driving behavior among older drivers. <i>Accident Analysis and Prevention</i> , 2017 , 106, 480-491	6.1	8
71	Contextual Design for driving: Developing a trip-planning tool for older adults. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2017 , 46, 462-476	4.5	8
70	Variations on a theme: Topic modeling of naturalistic driving data. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014 , 58, 2107-2111	0.4	8
69	The Language of Driving: Advantages and Applications of Symbolic Data Reduction for Analysis of Naturalistic Driving Data. <i>Transportation Research Record</i> , 2013 , 2392, 22-30	1.7	8
68	The Detection of Visual Distraction using Vehicle and Driver-Based Sensors 2016 ,		8

67	Influence of Familiarity on the Driving Behavior, Route Risk, and Route Choice of Older Drivers. <i>IEEE Transactions on Human-Machine Systems</i> , 2019 , 49, 10-19	4.1	8
66	Modeling microstructure of drivers' task switching behavior. <i>International Journal of Human Computer Studies</i> , 2019 , 125, 104-117	4.6	8
65	Driver Movement Patterns Indicate Distraction and Engagement. <i>Human Factors</i> , 2017 , 59, 844-860	3.8	7
64	Negotiated and reciprocal exchange structures in human-agent cooperation. <i>Computers in Human Behavior</i> , 2019 , 90, 288-297	7.7	7
63	Contextual Design of a Motivated Medication Management Device. <i>Ergonomics in Design</i> , 2014 , 22, 8-15	1.4	7
62	Assessing Route Choice to Mitigate Older Driver Risk. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2017 , 18, 527-536	6.1	6
61	Secondary task boundaries influence drivers' glance durations 2015 ,		6
60	Highway Healthcare: How Naturalistic Driving Data Index Adherence to CPAP Therapy in Obstructive Sleep Apnea. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2013 , 57, 1859-1863	0.4	6
59	Matching Simulator Characteristics to Highway Design Problems. <i>Transportation Research Record</i> , 2011 , 2248, 53-60	1.7	6
58	Trust in Computers and Robots: The Uses and Boundaries of the Analogy to Interpersonal Trust. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2012 , 56, 303-307	0.4	6
57	Effects of alcohol at 0.05% blood alcohol concentration (BAC) on low speed urban driving. <i>Traffic Injury Prevention</i> , 2018 , 19, S175-S177	1.8	6
56	Trust and the teleology of technology. <i>Ergonomics</i> , 2019 , 62, 500-501	2.9	5
55	Using kinematic driving data to detect sleep apnea treatment adherence. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , 2017 , 21, 422-434	3.2	5
54			5
53	Error Recovery in Multitasking While Driving 2016 ,		5
52	Using tactile detection response tasks to assess in-vehicle voice control interactions. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2017 , 51, 38-46	4.5	4
51	Effect of Automation Instructions and Vehicle Control Algorithms on Eye Behavior in Highly Automated Vehicles. <i>International Journal of Automotive Engineering</i> , 2019 , 10, 73-79	0.3	4
50	Consumer Complaints and Traffic Fatalities: Insights from the NHTSA Vehicle Owner's Complaint Database. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2012 , 56, 2256-2260	0.4	4

49	Accounting for time-dependent covariates in driving simulator studies. <i>Theoretical Issues in Ergonomics Science</i> , 2008 , 9, 189-199	2.2	4
48	Driving Simulator Experiments: Power for Repeated Measures vs. Completely Randomized Design. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2006 , 50, 2336-2339	0.4	4
47	Annoyance and Urgency of Auditory Alerts for in-Vehicle Information Systems. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2001 , 45, 1627-1631	0.4	4
46	The Effect of Rear-End Collision Warnings on on-Going Response. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2001 , 45, 1646-1650	0.4	4
45	Preface to the Special Issue on Human Factors and Advanced Vehicle Automation: Of Benefits, Barriers, and Bridges to Safe and Effective Implementation. <i>Human Factors</i> , 2020 , 62, 189-193	3.8	3
44	Using Topic Modeling to Develop Multi-level Descriptions of Naturalistic Driving Data From Drivers with and without Sleep Apnea. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2018 , 58, 25-38	4.5	3
43	Is Talking to Your Car Dangerous? It Depends: Prologue to the Special Section. <i>Human Factors</i> , 2015 , 57, 1297-9	3.8	3
42	Deciphering 140 Characters: Text Mining Tweets On #DriverDistraction. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014 , 58, 2195-2199	0.4	3
41	Effect of Shared Information on Trust and Reliance in a Demand Forecasting Task. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2006 , 50, 215-219	0.4	3
40	Driver Cognitive Distraction Detection Using Eye Movements 2008 , 285-300		3
39	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 1-13	6.1	3
38	Designing for the Extremes: Modeling Drivers' Response Time to Take Back Control From Automation Using Bayesian Quantile Regression. <i>Human Factors</i> , 2021 , 63, 519-530	3.8	3
37	Looking at Mind Wandering During Driving Through the Windows of PCA and t-SNE. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018 , 62, 1863-1867	0.4	3
36	Voice Control Tasks on Cognitive Workload and Driving Performance: Implications of Modality, Difficulty, and Duration. <i>Transportation Research Record</i> , 2018 , 2672, 84-93	1.7	3
35	Glances That Matter: Applying Quantile Regression to Assess Driver Distraction from Off-Road Glances. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018 , 62, 1954-1958	0.4	3
34	Frame-Subsampled, Drift-Resilient Video Object Tracking 2018 ,		3
33	Automatic Driver Head State Estimation in Challenging Naturalistic Driving Videos. <i>Transportation Research Record</i> , 2017 , 2663, 48-56	1.7	2
32	Cognitive Engineering Challenges of Managing Swarms of Self-Organizing Agent-Based Automation. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2000 , 44, 568-571	0.4	2

31	Adapting Collision Warnings to Real-Time Estimates of Driver Distraction 2008 , 501-518		2
30	The Impact of an Event-Triggered Video Intervention on Rural Teenage Driving 2007 ,		2
29	Factors Affecting Glance Behavior when Interacting with In-Vehicle Devices: Implications from a Simulator Study 2013 ,		2
28	Human in Focus: Future Research and Applications of Ubiquitous User Monitoring. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2019 , 63, 168-172	0.4	2
27	Passenger Emotional Response Type and Timing during Automated Vehicle Intersection Negotiation. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2019 , 63, 2061-2065	0.4	2
26	Using Machine Learning to Aid in Data Classification: Classifying Occupation Compatibility with Highly Automated Vehicles. <i>Ergonomics in Design</i> , 2021 , 29, 4-12	1.4	2
25	Characterizing Driver Trust in Vehicle Control Algorithm Parameters. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018 , 62, 1821-1825	0.4	2
24	Visualizing Human Factors and Ergonomics Publications: Word clouds and Word networks. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014 , 58, 355-359	0.4	1
23	Cognitive Engineering Across Domains: What the Wide-angle View can Provide. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2013 , 57, 139-143	0.4	1
22	Commercial Drivers' Initial Attitudes toward an On-Board Monitoring System. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2012 , 56, 2281-2285	0.4	1
21	Dynamic Display of in-Vehicle Text Messages: The Impact of Varying Line Length and Scrolling Rate. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2006 , 50, 574-578	0.4	1
20	Ecological interface design (EID) and the management of large numbers of intelligent agents 2000 , 137-151		1
19	What's so Hard About Bronchoscopic Surgery?. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 1999 , 43, 845-849	0.4	1
18	Identifying Clumsy Automation at the Macro Level: Development of a Tool to Estimate Ship Staffing Requirements. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 1994 , 38, 878-882	0.4	1
17	Temporal Frame Sub-Sampling for Video Object Tracking. <i>Journal of Signal Processing Systems</i> , 2020 , 92, 569-581	1.4	1
16	Attribution Errors by People and Intelligent Machines. <i>Human Factors</i> , 2021 , 187208211036323	3.8	1
15	Tactile detection response task: Metrics for assessing drivers' cognitive workload. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2020 , 70, 98-108	4.5	0
14	Trust in Sociotechnical Systems. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2010 , 54, 1301-1305	1.4	0

- 13 Understanding Drivers' Steering Behavior: Chain And One-Time Corrections. *Proceedings of the Human Factors and Ergonomics Society*, **2018**, 62, 1858-1862 0.4 0
- 12 Driver-Pedestrian Perceptual Models Demonstrate Coupling: Implications for Vehicle Automation. *IEEE Transactions on Human-Machine Systems*, **2022**, 1-10 4.1 0
- 11 A Visual Search Model for In-Vehicle Interface Design. *Proceedings of the Human Factors and Ergonomics Society*, **2016**, 60, 1874-1878 0.4
- 10 Bridging the Gap between Cognitive Systems Engineering Analysis, Design and Practice. *Proceedings of the Human Factors and Ergonomics Society*, **2013**, 57, 334-338 0.4
- 9 Text Readability and Drivers' Reading Time: Insights from the Visual Occlusion Method. *Proceedings of the Human Factors and Ergonomics Society*, **2013**, 57, 1879-1883 0.4
- 8 Using Agent-Based Modeling to Predict the Diffusion of Safe Teenage Driving Behavior Through an Online Social Network. *Proceedings of the Human Factors and Ergonomics Society*, **2012**, 56, 2271-2275 0.4
- 7 Methods for Assessing Training and Qualification Needs for Automated Ships. *Proceedings of the Human Factors and Ergonomics Society*, **1995**, 39, 1263-1267 0.4
- 6 Hazard Analysis of Action Loops for Automated Vehicle Remote Operation. *Proceedings of the Human Factors and Ergonomics Society*, **2021**, 65, 732-736 0.4
- 5 Models for Transportation **2004**, 617-623
- 4 Driver Distraction Injury Prevention Countermeasures Part 2 **2008**, 559-578
- 3 Driver Distraction Injury Prevention Countermeasures Part 1 **2008**, 533-557
- 2 Some Concluding Remarks **2008**, 621-629
- 1 Enhancing Safety by Augmenting Information Acquisition in the Driving Environment **2008**, 167-185