John D Lee

List of Publications by Year in Descending Order

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	Driver-Pedestrian Perceptual Models Demonstrate Coupling: Implications for Vehicle Automation. *IEEE Transactions on Human-Machine Systems*, **2022**, 1-10	4.1	0
191	Hazard Analysis of Action Loops for Automated Vehicle Remote Operation. *Proceedings of the Human Factors and Ergonomics Society*, **2021**, 65, 732-736	0.4	
190	Vulnerable road users and the coming wave of automated vehicles: Expert perspectives. *Transportation Research Interdisciplinary Perspectives*, **2021**, 9, 100293	7.3	24
189	Trusting Automation: Designing for Responsivity and Resilience. *Human Factors*, **2021**, 187208211009995	3.8	24
188	Using Machine Learning to Aid in Data Classification: Classifying Occupation Compatibility with Highly Automated Vehicles. *Ergonomics in Design*, **2021**, 29, 4-12	1.4	2
187	Assessing Drivers' Trust of Automated Vehicle Driving Styles With a Two-Part Mixed Model of Intervention Tendency and Magnitude. *Human Factors*, **2021**, 63, 197-209	3.8	13
186	Designing for the Extremes: Modeling Drivers' Response Time to Take Back Control From Automation Using Bayesian Quantile Regression. *Human Factors*, **2021**, 63, 519-530	3.8	3
185	Attribution Errors by People and Intelligent Machines. *Human Factors*, **2021**, 187208211036323	3.8	1
184	Tactile detection response task: Metrics for assessing drivers□cognitive workload. *Transportation Research Part F: Traffic Psychology and Behaviour*, **2020**, 70, 98-108	4.5	0
183	Preface to the Special Issue on Human Factors and Advanced Vehicle Automation: Of Benefits, Barriers, and Bridges to Safe and Effective Implementation. *Human Factors*, **2020**, 62, 189-193	3.8	3
182	Vehicle Automation□Other Road User Communication and Coordination: Theory and Mechanisms. *IEEE Access*, **2020**, 8, 19860-19872	3.5	18
181	Temporal Frame Sub-Sampling for Video Object Tracking. *Journal of Signal Processing Systems*, **2020**, 92, 569-581	1.4	1
180	. *IEEE Transactions on Intelligent Transportation Systems*, **2020**, 1-13	6.1	3
179	Moving Into the Loop: An Investigation of Drivers' Steering Behavior in Highly Automated Vehicles. *Human Factors*, **2020**, 62, 671-683	3.8	10
178	Exploring Trust in Self-Driving Vehicles Through Text Analysis. *Human Factors*, **2020**, 62, 260-277	3.8	32
177	Proxemics and Kinesics in Automated Vehicle□Pedestrian Communication: Representing Ethnographic Observations. *Transportation Research Record*, **2019**, 2673, 70-81	1.7	13
176	Effect of Automation Instructions and Vehicle Control Algorithms on Eye Behavior in Highly Automated Vehicles. *International Journal of Automotive Engineering*, **2019**, 10, 73-79	0.3	4

175	Trust and the teleology of technology. *Ergonomics*, **2019**, 62, 500-501	2.9	5
174	Negotiated and reciprocal exchange structures in human-agent cooperation. *Computers in Human Behavior*, **2019**, 90, 288-297	7.7	7
173	Improving process safety: What roles for Digitalization and Industry 4.0?. *Chemical Engineering Research and Design*, **2019**, 132, 325-339	5.5	69
172	Human in Focus: Future Research and Applications of Ubiquitous User Monitoring. *Proceedings of the Human Factors and Ergonomics Society*, **2019**, 63, 168-172	0.4	2
171	Passenger Emotional Response Type and Timing during Automated Vehicle Intersection Negotiation. *Proceedings of the Human Factors and Ergonomics Society*, **2019**, 63, 2061-2065	0.4	2
170	Keeping the driver in the loop: Dynamic feedback to support appropriate use of imperfect vehicle control automation. *International Journal of Human Computer Studies*, **2019**, 125, 66-80	4.6	40
169	Influence of Familiarity on the Driving Behavior, Route Risk, and Route Choice of Older Drivers. *IEEE Transactions on Human-Machine Systems*, **2019**, 49, 10-19	4.1	8
168	The Out-of-the-Loop concept in automated driving: proposed definition, measures and implications. *Cognition, Technology and Work*, **2019**, 21, 87-98	2.9	57
167	Modeling microstructure of drivers task switching behavior. *International Journal of Human Computer Studies*, **2019**, 125, 104-117	4.6	8
166	A contextual and temporal algorithm for driver drowsiness detection. *Accident Analysis and Prevention*, **2018**, 113, 25-37	6.1	41
165	Challenges for Older Drivers in Urban, Suburban, and Rural Settings. *Geriatrics (Switzerland)*, **2018**, 3,	2.2	14
164	Understanding the ridesharing needs of older adults. *Travel Behaviour & Society*, **2018**, 13, 155-164	5.3	13
163	Using Topic Modeling to Develop Multi-level Descriptions of Naturalistic Driving Data from Drivers with and without Sleep Apnea. *Transportation Research Part F: Traffic Psychology and Behaviour*, **2018**, 58, 25-38	4.5	3
162	Perspectives on Automotive Automation and Autonomy. *Journal of Cognitive Engineering and Decision Making*, **2018**, 12, 53-57	2.5	20
161	How safe is tuning a radio?: using the radio tuning task as a benchmark for distracted driving. *Accident Analysis and Prevention*, **2018**, 110, 29-37	6.1	9
160	Effects of alcohol at 0.05% blood alcohol concentration (BAC) on low speed urban driving. *Traffic Injury Prevention*, **2018**, 19, S175-S177	1.8	6
159	Looking at Mind Wandering During Driving Through the Windows of PCA and t-SNE. *Proceedings of the Human Factors and Ergonomics Society*, **2018**, 62, 1863-1867	0.4	3
158	Voice Control Tasks on Cognitive Workload and Driving Performance: Implications of Modality, Difficulty, and Duration. *Transportation Research Record*, **2018**, 2672, 84-93	1.7	3

157	Glances That Matter: Applying Quantile Regression to Assess Driver Distraction from Off-Road Glances. *Proceedings of the Human Factors and Ergonomics Society*, **2018**, 62, 1954-1958	0.4	3
156	Machine Learning and Human Factors: Status, Applications, and Future Directions. *Proceedings of the Human Factors and Ergonomics Society*, **2018**, 62, 135-138	0.4	11
155	Understanding Attitudes Towards Self-Driving Vehicles: Quantitative Analysis of Qualitative Data. *Proceedings of the Human Factors and Ergonomics Society*, **2018**, 62, 1399-1403	0.4	14
154	Characterizing Driver Trust in Vehicle Control Algorithm Parameters. *Proceedings of the Human Factors and Ergonomics Society*, **2018**, 62, 1821-1825	0.4	2
153	Understanding Drivers Steering Behavior: Chain And One-Time Corrections. *Proceedings of the Human Factors and Ergonomics Society*, **2018**, 62, 1858-1862	0.4	0
152	Frame-Subsampled, Drift-Resilient Video Object Tracking **2018**,		3
151	Assessing Route Choice to Mitigate Older Driver Risk. *IEEE Transactions on Intelligent Transportation Systems*, **2017**, 18, 527-536	6.1	6
150	Driver Movement Patterns Indicate Distraction and Engagement. *Human Factors*, **2017**, 59, 844-860	3.8	7
149	Evaluating driver drowsiness countermeasures. *Traffic Injury Prevention*, **2017**, 18, S58-S63	1.8	14
148	Using tactile detection response tasks to assess in-vehicle voice control interactions. *Transportation Research Part F: Traffic Psychology and Behaviour*, **2017**, 51, 38-46	4.5	4
147	Using kinematic driving data to detect sleep apnea treatment adherence. *Journal of Intelligent Transportation Systems: Technology, Planning, and Operations*, **2017**, 21, 422-434	3.2	5
146	Using trip diaries to mitigate route risk and risky driving behavior among older drivers. *Accident Analysis and Prevention*, **2017**, 106, 480-491	6.1	8
145	Contextual Design for driving: Developing a trip-planning tool for older adults. *Transportation Research Part F: Traffic Psychology and Behaviour*, **2017**, 46, 462-476	4.5	8
144	Automatic Driver Head State Estimation in Challenging Naturalistic Driving Videos. *Transportation Research Record*, **2017**, 2663, 48-56	1.7	2
143	Detecting and Quantifying Mind Wandering during Simulated Driving. *Frontiers in Human Neuroscience*, **2017**, 11, 406	3.3	71
142	A Visual Search Model for In-Vehicle Interface Design. *Proceedings of the Human Factors and Ergonomics Society*, **2016**, 60, 1874-1878	0.4	
141	Error Recovery in Multitasking While Driving **2016**,		5
140	Situation Awareness, Scenarios, and Secondary Tasks: Measuring Driver Performance and Safety Margins in Highly Automated Vehicles. *SAE International Journal of Passenger Cars - Electronic and Electrical Systems*, **2016**, 9, 237-242		13

139	Psychophysics of Trust in Vehicle Control Algorithms **2016**,		13
138	The Detection of Visual Distraction using Vehicle and Driver-Based Sensors **2016**,		8
137	Steer or Brake?: Modeling Drivers Collision-Avoidance Behavior by Using Perceptual Cues. *Transportation Research Record*, **2016**, 2602, 97-103	1.7	13
136	Cooperation in Human-Agent Systems to Support Resilience: A Microworld Experiment. *Human Factors*, **2016**, 58, 846-63	3.8	20
135	Time-to-contact estimation errors among older drivers with useful field of view impairments. *Accident Analysis and Prevention*, **2016**, 95, 284-91	6.1	9
134	The effect of an information and communication technology (ICT) on older adults' quality of life: study protocol for a randomized control trial. *Trials*, **2015**, 16, 191	2.8	32
133	Secondary task boundaries influence drivers' glance durations **2015**,		6
132	Modeling Driver Response to Imperfect Vehicle Control Automation. *Procedia Manufacturing*, **2015**, 3, 2621-2628	1.5	10
131	Is Talking to Your Car Dangerous? It Depends: Prologue to the Special Section. *Human Factors*, **2015** , 57, 1297-9	3.8	3
130	Calibration of skill and judgment in driving: development of a conceptual framework and the implications for road safety. *Accident Analysis and Prevention*, **2015**, 76, 25-33	6.1	48
129	Augmented reality cues to assist older drivers with gap estimation for left-turns. *Accident Analysis and Prevention*, **2014**, 71, 210-21	6.1	27
128	A hybrid Bayesian Network approach to detect driver cognitive distraction. *Transportation Research Part C: Emerging Technologies*, **2014**, 38, 146-155	8.4	72
127	A Looming Crisis: The Distribution of Off-Road Glance Duration in Moments Leading up to Crashes/Near-Crashes in Naturalistic Driving. *Proceedings of the Human Factors and Ergonomics Society*, **2014**, 58, 2102-2106	0.4	13
126	Text mining to decipher free-response consumer complaints: insights from the NHTSA vehicle owner's complaint database. *Human Factors*, **2014**, 56, 1189-203	3.8	18
125	Steering in a random forest: ensemble learning for detecting drowsiness-related lane departures. *Human Factors*, **2014**, 56, 986-98	3.8	54
124	Variations on a theme: Topic modeling of naturalistic driving data. *Proceedings of the Human Factors and Ergonomics Society*, **2014**, 58, 2107-2111	0.4	8
123	Deciphering 140 Characters: Text Mining Tweets On #DriverDistraction. *Proceedings of the Human Factors and Ergonomics Society*, **2014**, 58, 2195-2199	0.4	3
122	Reading, typing, and driving: How interactions with in-vehicle systems degrade driving performance. *Transportation Research Part F: Traffic Psychology and Behaviour*, **2014**, 27, 182-191	4.5	30

121	Visualizing Human Factors and Ergonomics Publications: Word clouds and Word networks. *Proceedings of the Human Factors and Ergonomics Society*, **2014**, 58, 355-359	0.4	1
120	Contextual Design of a Motivated Medication Management Device. *Ergonomics in Design*, **2014**, 22, 8-15	1.4	7
119	Dynamics of Driver Distraction: The process of engaging and disengaging. *Annals of Advances in Automotive Medicine*, **2014**, 58, 24-32		26
118	Chunking: a procedure to improve naturalistic data analysis. *Accident Analysis and Prevention*, **2013**, 58, 309-17	6.1	20
117	Changes in the Correlation Between Eye and Steering Movements Indicate Driver Distraction. *IEEE Transactions on Intelligent Transportation Systems*, **2013**, 14, 136-145	6.1	31
116	Directing driver attention with augmented reality cues. *Transportation Research Part F: Traffic Psychology and Behaviour*, **2013**, 16, 127-137	4.5	62
115	Augmented reality cues and elderly driver hazard perception. *Human Factors*, **2013**, 55, 643-58	3.8	56
114	The Language of Driving: Advantages and Applications of Symbolic Data Reduction for Analysis of Naturalistic Driving Data. *Transportation Research Record*, **2013**, 2392, 22-30	1.7	8
113	Trust, Reliance, and Compliance **2013**,		18
112	Cognitive Engineering Across Domains: What the Wide-angle View can Provide. *Proceedings of the Human Factors and Ergonomics Society*, **2013**, 57, 139-143	0.4	1
111	Highway Healthcare: How Naturalistic Driving Data Index Adherence to CPAP Therapy in Obstructive Sleep Apnea. *Proceedings of the Human Factors and Ergonomics Society*, **2013**, 57, 1859-1863	0.4	6
110	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	
109	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	
108	Factors Affecting Glance Behavior when Interacting with In-Vehicle Devices: Implications from a Simulator Study **2013**,		2
107	Extending the Technology Acceptance Model to assess automation. *Cognition, Technology and Work*, **2012**, 14, 39-49	2.9	203
106	Visual search for features and conjunctions following declines in the useful field of view. *Experimental Aging Research*, **2012**, 38, 411-21	1.7	13
105	Human Factors and Ergonomics in Automation Design **2012**, 1615-1642		20
104	Warn me now or inform me later: Drivers' acceptance of real-time and post-drive distraction mitigation systems. *International Journal of Human Computer Studies*, **2012**, 70, 967-979	4.6	38

103	Cross-modal warnings for orienting attention in older drivers with and without attention impairments. *Applied Ergonomics*, **2012**, 43, 768-76	4.2	19
102	How dangerous is looking away from the road? Algorithms predict crash risk from glance patterns in naturalistic driving. *Human Factors*, **2012**, 54, 1104-16	3.8	103
101	Real-Time Detection of Drowsiness Related Lane Departures Using Steering Wheel Angle. *Proceedings of the Human Factors and Ergonomics Society*, **2012**, 56, 2201-2205	0.4	36
100	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	
99	Augmenting the Technology Acceptance Model with Trust: Commercial Drivers Attitudes towards Monitoring and Feedback. *Proceedings of the Human Factors and Ergonomics Society*, **2012**, 56, 2286-2290	0.4	41
98	Differentiating Alcohol-Induced Driving Behavior Using Steering Wheel Signals. *IEEE Transactions on Intelligent Transportation Systems*, **2012**, 13, 1355-1368	6.1	24
97	Impaired attentional disengagement in older adults with useful field of view decline. *Journals of Gerontology - Series B Psychological Sciences and Social Sciences*, **2012**, 67, 405-12	4.6	18
96	Scrolling and driving: how an MP3 player and its aftermarket controller affect driving performance and visual behavior. *Human Factors*, **2012**, 54, 250-63	3.8	43
95	Preface to the special section on human factors and automation in vehicles: designing highly automated vehicles with the driver in mind. *Human Factors*, **2012**, 54, 681-6	3.8	99
94	Trust in Computers and Robots: The Uses and Boundaries of the Analogy to Interpersonal Trust. *Proceedings of the Human Factors and Ergonomics Society*, **2012**, 56, 303-307	0.4	6
93	Commercial Drivers Initial Attitudes toward an On-Board Monitoring System. *Proceedings of the Human Factors and Ergonomics Society*, **2012**, 56, 2281-2285	0.4	1
92	Consumer Complaints and Traffic Fatalities: Insights from the NHTSA Vehicle Owners Complaint Database. *Proceedings of the Human Factors and Ergonomics Society*, **2012**, 56, 2256-2260	0.4	4
91	Matching Simulator Characteristics to Highway Design Problems. *Transportation Research Record*, **2011**, 2248, 53-60	1.7	6
90	Trust in Sociotechnical Systems. *Proceedings of the Human Factors and Ergonomics Society*, **2010**, 54, 1301-1305	0.4	50
89	Differences in Off-Road Glances: Effects on Young Drivers Performance. *Journal of Transportation Engineering*, **2010**, 136, 403-409		40
88	Translating cognitive neuroscience to the driver's operational environment: a neuroergonomic approach. *American Journal of Psychology*, **2010**, 123, 391-411	0.5	39
87	Using an event-triggered video intervention system to expand the supervised learning of newly licensed adolescent drivers. *American Journal of Public Health*, **2010**, 100, 1101-6	5.1	63
86	Combining cognitive and visual distraction: less than the sum of its parts. *Accident Analysis and Prevention*, **2010**, 42, 881-90	6.1	156

85	Using driving simulators to assess driving safety. *Accident Analysis and Prevention*, **2010**, 42, 785-7	6.1	56
84	The interaction of cognitive load and attention-directing cues in driving. *Human Factors*, **2009**, 51, 271-80	3.8	34
83	Engineering. Can technology get your eyes back on the road?. *Science*, **2009**, 324, 344-6	33.3	29
82	The Dynamics of Trust in Cyberdomains. *IEEE Intelligent Systems*, **2009**, 24, 5-11	4.2	28
81	Automatic updating of times remaining in surgical cases using bayesian analysis of historical case duration data and "instant messaging" updates from anesthesia providers. *Anesthesia and Analgesia* , **2009**, 108, 929-40	3.9	98
80	Human Factors in Automation Design **2009**, 417-436		41
79	A Dynamic Programming Algorithm for Scheduling In-Vehicle Messages. *IEEE Transactions on Intelligent Transportation Systems*, **2008**, 9, 226-234	6.1	19
78	Effects of cognitive load presence and duration on driver eye movements and event detection performance. *Transportation Research Part F: Traffic Psychology and Behaviour*, **2008**, 11, 391-402	4.5	59
77	Fifty years of driving safety research. *Human Factors*, **2008**, 50, 521-8	3.8	97
76	Accounting for time-dependent covariates in driving simulator studies. *Theoretical Issues in Ergonomics Science*, **2008**, 9, 189-199	2.2	4
75	Review of a pivotal Human Factors article: "Humans and automation: use, misuse, disuse, abuse". *Human Factors*, **2008**, 50, 404-10	3.8	53
74	Mitigating driver distraction with retrospective and concurrent feedback. *Accident Analysis and Prevention*, **2008**, 40, 776-86	6.1	64
73	Adapting Collision Warnings to Real-Time Estimates of Driver Distraction **2008**, 501-518		2
72	Designing Feedback to Mitigate Distraction **2008**, 519-531		10
71	Defining Driver Distraction **2008**, 31-40		84
70	What Drives Distraction? Distraction as a Breakdown of Multilevel Control **2008**, 41-56		16
69	Measuring the Effects of Driver Distraction **2008**, 85-105		11
68	Factors Moderating the Impact of Distraction on Driving Performance and Safety **2008**, 335-351		14

67	Driver Cognitive Distraction Detection Using Eye Movements **2008**, 285-300		3
66	Driver Distraction Injury Prevention Countermeasures Part 2 **2008**, 559-578		
65	Driver Distraction Injury Prevention Countermeasures Part 1 **2008**, 533-557		
64	Some Concluding Remarks **2008**, 621-629		
63	Enhancing Safety by Augmenting Information Acquisition in the Driving Environment **2008**, 167-185		
62	. *IEEE Intelligent Systems*, **2007**, 22, 52-59	4.2	28
61	Attention grounding: a new approach to in-vehicle information system implementation. *Theoretical Issues in Ergonomics Science*, **2007**, 8, 255-276	2.2	15
60	Driver sensitivity to brake pulse duration and magnitude. *Ergonomics*, **2007**, 50, 828-36	2.9	14
59	Real-Time Detection of Driver Cognitive Distraction Using Support Vector Machines. *IEEE Transactions on Intelligent Transportation Systems*, **2007**, 8, 340-350	6.1	291
58	Safety implications of providing real-time feedback to distracted drivers. *Accident Analysis and Prevention*, **2007**, 39, 581-90	6.1	126
57	Technology and teen drivers. *Journal of Safety Research*, **2007**, 38, 203-13	4	163
56	Extending parental mentoring using an event-triggered video intervention in rural teen drivers. *Journal of Safety Research*, **2007**, 38, 215-27	4	123
55	Making adaptive cruise control (ACC) limits visible. *International Journal of Human Computer Studies* , **2007**, 65, 192-205	4.6	152
54	Alerts for in-vehicle information systems: annoyance, urgency, and appropriateness. *Human Factors*, **2007**, 49, 145-57	3.8	84
53	The influence of distraction and driving context on driver response to imperfect collision warning systems. *Ergonomics*, **2007**, 50, 1264-86	2.9	129
52	Nonintrusive Detection of Driver Cognitive Distraction in Real Time Using Bayesian Networks. *Transportation Research Record*, **2007**, 2018, 1-8	1.7	40
51	A psychological basis for anesthesiologists' operating room managerial decision-making on the day of surgery. *Anesthesia and Analgesia*, **2007**, 105, 430-4	3.9	57
50	Operating room managerial decision-making on the day of surgery with and without computer recommendations and status displays. *Anesthesia and Analgesia*, **2007**, 105, 419-29	3.9	71

49	Visual attention in driving: the effects of cognitive load and visual disruption. *Human Factors*, **2007**, 49, 721-33	3.8	79
48	The Impact of an Event-Triggered Video Intervention on Rural Teenage Driving **2007**,		2
47	Traffic-entry behavior and crash risk for older drivers with impairment of selective attention. *Perceptual and Motor Skills*, **2006**, 102, 632-44	2.2	16
46	Effect of Shared Information on Trust and Reliance in a Demand Forecasting Task. *Proceedings of the Human Factors and Ergonomics Society*, **2006**, 50, 215-219	0.4	3
45	Dynamic Display of in-Vehicle Text Messages: The Impact of Varying Line Length and Scrolling Rate. *Proceedings of the Human Factors and Ergonomics Society*, **2006**, 50, 574-578	0.4	1
44	Driving Simulator Experiments: Power for Repeated Measures vs. Completely Randomized Design. *Proceedings of the Human Factors and Ergonomics Society*, **2006**, 50, 2336-2339	0.4	4
43	Extending the decision field theory to model operators' reliance on automation in supervisory control situations. *IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans*, **2006**, 36, 943-959		58
42	Drivers attitudes toward imperfect distraction mitigation strategies. *Transportation Research Part F: Traffic Psychology and Behaviour*, **2006**, 9, 387-398	4.5	50
41	Effects of Adaptive Cruise Control and Alert Modality on Driver Performance. *Transportation Research Record*, **2006**, 1980, 49-56	1.7	21
40	The impact of distraction mitigation strategies on driving performance. *Human Factors*, **2006**, 48, 785-804	3.8	74
39	Human Factors and Ergonomics in Automation Design **2006**, 1570-1596		35
38	A dynamic model of interaction between reliance on automation and cooperation in multi-operator multi-automation situations. *International Journal of Industrial Ergonomics*, **2006**, 36, 511-526	2.9	26
37	Bibliometric analysis of Human Factors (1970-2000): a quantitative description of scientific impact. *Human Factors*, **2005**, 47, 753-66	3.8	26
36	Network analysis of information flows to integrate in-vehicle information systems. *International Journal of Vehicle Information and Communication Systems*, **2005**, 1, 24	0.3	10
35	Visual Sampling of In-Vehicle Text Messages: Effects of Number of Lines, Page Presentation, and Message Control. *Transportation Research Record*, **2005**, 1937, 22-30	1.7	12
34	Driving Safety. *Reviews of Human Factors and Ergonomics*, **2005**, 1, 172-218		15
33	Trust in automation: designing for appropriate reliance. *Human Factors*, **2004**, 46, 50-80	3.8	558
32	Auditory alerts for in-vehicle information systems: the effects of temporal conflict and sound parameters on driver attitudes and performance. *Ergonomics*, **2004**, 47, 965-86	2.9	61

31	Collision warning design to mitigate driver distraction **2004**,		101
30	Preface to the special section on driver distraction. *Human Factors*, **2004**, 46, 583-6	3.8	70
29	Quantitative analysis of steering adaptation on a high performance fixed-base driving simulator. *Transportation Research Part F: Traffic Psychology and Behaviour*, **2004**, 7, 181-196	4.5	40
28	Trust in Automation: Designing for Appropriate Reliance. *Human Factors*, **2004**, 46, 50-80	3.8	1533
27	Models for Transportation **2004**, 617-623		
26	Quantitative analysis of steering adaptation on a high performance fixed-base driving simulator **2004**, 7, 181-181		21
25	Applying Ecological Interface Design to the Driving Domain: The Results of an Abstraction Hierarchy Analysis. *Proceedings of the Human Factors and Ergonomics Society*, **2003**, 47, 444-448	0.4	10
24	Can scientific impact be judged prospectively? A bibliometric test of Simonton"s model of creative productivity. *Scientometrics*, **2003**, 56, 223-232	3	21
23	Taxonomy of Mitigation Strategies for Driver Distraction. *Proceedings of the Human Factors and Ergonomics Society*, **2003**, 47, 1865-1869	0.4	12
22	Collision warning timing, driver distraction, and driver response to imminent rear-end collisions in a high-fidelity driving simulator. *Human Factors*, **2002**, 44, 314-34	3.8	402
21	Effect of Warning Timing on Collision Avoidance Behavior in a Stationary Lead Vehicle Scenario. *Transportation Research Record*, **2002**, 1803, 1-6	1.7	31
20	Comparison of Driver Braking Responses in a High-Fidelity Simulator and on a Test Track. *Transportation Research Record*, **2002**, 1803, 59-65	1.7	27
19	Annoyance and Urgency of Auditory Alerts for in-Vehicle Information Systems. *Proceedings of the Human Factors and Ergonomics Society*, **2001**, 45, 1627-1631	0.4	4
18	Human performance models and rear-end collision avoidance algorithms. *Human Factors*, **2001**, 43, 462-82	3.8	79
17	Speech-based interaction with in-vehicle computers: the effect of speech-based e-mail on drivers' attention to the roadway. *Human Factors*, **2001**, 43, 631-40	3.8	248
16	The Effect of Rear-End Collision Warnings on on-Going Response. *Proceedings of the Human Factors and Ergonomics Society*, **2001**, 45, 1646-1650	0.4	4
15	Emerging challenges in cognitive ergonomics: Managing swarms of self-organizing agent-based automation. *Theoretical Issues in Ergonomics Science*, **2001**, 2, 238-250	2.2	25
14	Attention-Based Model of Driver Performance in Rear-End Collisions. *Transportation Research Record*, **2000**, 1724, 14-20	1.7	13

13	Ecological interface design (EID) and the management of large numbers of intelligent agents **2000**, 137-151		1
12	Cognitive Engineering Challenges of Managing Swarms of Self-Organizing Agent-Based Automation. *Proceedings of the Human Factors and Ergonomics Society*, **2000**, 44, 568-571	0.4	2
11	. *IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans*, **2000**, 30, 273-285		42
10	What's so Hard About Bronchoscopic Surgery?. *Proceedings of the Human Factors and Ergonomics Society*, **1999**, 43, 845-849	0.4	1
9	Display Alternatives for In-Vehicle Warning and Sign Information: Message Style, Location, and Modality. *Transportation Human Factors*, **1999**, 1, 347-375		42
8	Evaluation of a Rankine Cycle Display for Nuclear Power Plant Monitoring and Diagnosis. *Human Factors*, **1996**, 38, 506-521	3.8	46
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	Identifying Clumsy Automation at the Macro Level: Development of a Tool to Estimate Ship Staffing Requirements. *Proceedings of the Human Factors and Ergonomics Society*, **1994**, 38, 878-882	0.4	1
5	Trust, self-confidence, and operators' adaptation to automation. *International Journal of Human Computer Studies*, **1994**, 40, 153-184	4.6	534
4	Trust, control strategies and allocation of function in human-machine systems. *Ergonomics*, **1992**, 35, 1243-70	2.9	799
3			5
2	Visual Sampling of In-Vehicle Text Messages: Effects of Number of Lines, Page Presentation, and Message Control		11
1	Effects of Adaptive Cruise Control and Alert Modality on Driver Performance		29