Joost de Winter

List of Publications by Year
in descending order

187 papers	9,521 citations	50276 46 h-index	45317 90 g-index
201 all docs	201 docs citations	201 times ranked	7285 citing authors

#	Article	IF	Citations
1	Public opinion on automated driving: Results of an international questionnaire among 5000 respondents. Transportation Research Part F: Traffic Psychology and Behaviour, 2015, 32, 127-140.	3.7	912
2	Exploratory Factor Analysis With Small Sample Sizes. Multivariate Behavioral Research, 2009, 44, 147-181.	3.1	666
3	Effects of adaptive cruise control and highly automated driving on workload and situation awareness: A review of the empirical evidence. Transportation Research Part F: Traffic Psychology and Behaviour, 2014, 27, 196-217.	3.7	511
4	Comparing the Pearson and Spearman correlation coefficients across distributions and sample sizes: A tutorial using simulations and empirical data.. Psychological Methods, 2016, 21, 273-290.	3.5	465
5	The Driver Behaviour Questionnaire as a predictor of accidents: A meta-analysis. Journal of Safety Research, 2010, 41, 463-470.	3.6	398
6	Determinants of take-over time from automated driving: A meta-analysis of 129 studies. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 64, 285-307.	3.7	215
7	Factor recovery by principal axis factoring and maximum likelihood factor analysis as a function of factor pattern and sample size. Journal of Applied Statistics, 2012, 39, 695-710.	1.3	210
8	External Human-Machine Interfaces on Automated Vehicles: Effects on Pedestrian Crossing Decisions. Human Factors, 2019, 61, 1353-1370.	3.5	204
9	Social desirability is the same in offline, online, and paper surveys: A meta-analysis. Computers in Human Behavior, 2014, 36, 487-495.	8.5	202
10	The expansion of Google Scholar versus Web of Science: a longitudinal study. Scientometrics, 2014, 98, 1547-1565.	3.0	200
11	Acceptance of Driverless Vehicles: Results from a Large Cross-National Questionnaire Study. Journal of Advanced Transportation, 2018, 2018, 1-22.	1.7	200
12	Take-over again: Investigating multimodal and directional TORs to get the driver back into the loop. Applied Ergonomics, 2017, 62, 204-215.	3.1	177
13	A human factors perspective on automated driving. Theoretical Issues in Ergonomics Science, 2019, 20, 223-249.	1.8	177
14	User acceptance of automated shuttles in Berlin-Schöneberg: A questionnaire study. Transportation Research Part F: Traffic Psychology and Behaviour, 2018, 58, 843-854.	3.7	166
15	Review of Eye-related Measures of Drivers' Mental Workload. Procedia Manufacturing, 2015, 3, 2854-2861.	1.9	156
16	Relationships between driving simulator performance and driving test results. Ergonomics, 2009, 52, 137-153.	2.1	138
17	Human factors of transitions in automated driving: A general framework and literature survey. Transportation Research Part F: Traffic Psychology and Behaviour, 2016, 43, 183-198.	3.7	137
18	A Topology of Shared Control Systems—Finding Common Ground in Diversity. IEEE Transactions on Human-Machine Systems, 2018, 48, 509-525.	3.5	134

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19	Interaction between pedestrians and automated vehicles: A Wizard of Oz experiment. Transportation Research Part F: Traffic Psychology and Behaviour, 2018, 58, 1005-1020.	3.7	114
20	How much time do drivers need to obtain situation awareness? A laboratory-based study of automated driving. Applied Ergonomics, 2017, 60, 293-304.	3.1	104
21	Survey on eHMI concepts: The effect of text, color, and perspective. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 67, 175-194.	3.7	99
22	Take-over requests in highly automated driving: A crowdsourcing survey on auditory, vibrotactile, and visual displays. Transportation Research Part F: Traffic Psychology and Behaviour, 2018, 56, 82-98.	3.7	98
23	What impressions do users have after a ride in an automated shuttle? An interview study. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 63, 252-269.	3.7	98
24	The relationship between tweets, citations, and article views for PLOS ONE articles. Scientometrics, 2015, 102, 1773-1779.	3.0	96
25	Comparing spatially static and dynamic vibrotactile take-over requests in the driver seat. Accident Analysis and Prevention, 2017, 99, 218-227.	5.7	94
26	Vibrotactile Displays: A Survey With a View on Highly Automated Driving. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 897-907.	8.0	93
27	Automated Driving: Human-Factors Issues and Design Solutions. Proceedings of the Human Factors and Ergonomics Society, 2012, 56, 2296-2300.	0.3	92
28	The Effect of Haptic Support Systems on Driver Performance: A Literature Survey. IEEE Transactions on Haptics, 2015, 8, 467-479.	2.7	91
29	Objective classification of residents based on their psychomotor laparoscopic skills. Surgical Endoscopy and Other Interventional Techniques, 2010, 24, 1031-1039.	2.4	87
30	Why the Fitts list has persisted throughout the history of function allocation. Cognition, Technology and Work, 2014, 16, 1-11.	3.0	87
31	The effects of time pressure on driver performance and physiological activity: A driving simulator study. Transportation Research Part F: Traffic Psychology and Behaviour, 2016, 41, 150-169.	3.7	80
32	Human-like driving behaviour emerges from a risk-based driver model. Nature Communications, 2020, 11, 4850.	12.8	74
33	Situation awareness based on eye movements in relation to the task environment. Cognition, Technology and Work, 2019, 21, 99-111.	3.0	69
34	Vulnerable road users and the coming wave of automated vehicles: Expert perspectives. Transportation Research Interdisciplinary Perspectives, 2021, 9, 100293.	2.7	69
35	Rolling Out the Red (and Green) Carpet: Supporting Driver Decision Making in Automation-to-Manual Transitions. IEEE Transactions on Human-Machine Systems, 2019, 49, 20-31.	3.5	64
36	An International Crowdsourcing Study into People's Statements on Fully Automated Driving. Procedia Manufacturing, 2015, 3, 2534-2542.	1.9	63

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37	External Human–Machine Interfaces: The Effect of Display Location on Crossing Intentions and Eye Movements. Information (Switzerland), 2020, 11, 13.	2.9	59
38	What do subjective workload scales really measure? Operational and representational solutions to divergence of workload measures. Theoretical Issues in Ergonomics Science, 2020, 21, 369-396.	1.8	57
39	Controversy in human factors constructs and the explosive use of the NASA-TLX: a measurement perspective. Cognition, Technology and Work, 2014, 16, 289-297.	3.0	56
40	A quarter of a century of the DBQ: some supplementary notes on its validity with regard to accidents. Ergonomics, 2015, 58, 1745-1769.	2.1	56
41	Auditory interfaces in automated driving: an international survey. PeerJ Computer Science, 0, 1, e13.	4.5	56
42	Preparing drivers for dangerous situations: A critical reflection on continuous shared control. , 2011, , .		55
43	Obstacle Avoidance, Visual Detection Performance, and Eye-Scanning Behavior of Glaucoma Patients in a Driving Simulator: A Preliminary Study. PLoS ONE, 2013, 8, e77294.	2.5	55
44	Why do drivers maintain short headways in fog? A driving-simulator study evaluating feeling of risk and lateral control during automated and manual car following. Ergonomics, 2012, 55, 971-985.	2.1	54
45	Should Drivers Be Operating Within an Automation-Free Bandwidth? Evaluating Haptic Steering Support Systems With Different Levels of Authority. Human Factors, 2015, 57, 5-20.	3.5	54
46	Driver response times to auditory, visual, and tactile take-over requests: A simulator study with 101 participants. , 2017, , .		54
47	Beyond mere take-over requests: The effects of monitoring requests on driver attention, take-over performance, and acceptance. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 63, 22-37.	3.7	54
48	Effects of platooning on signal-detection performance, workload, and stress: A driving simulator study. Applied Ergonomics, 2017, 60, 116-127.	3.1	52
49	Common Factor Analysis versus Principal Component Analysis: A Comparison of Loadings by Means of Simulations. Communications in Statistics Part B: Simulation and Computation, 2016, 45, 299-321.	1.2	49
50	The Effect of Concurrent Bandwidth Feedback on Learning the Lane-Keeping Task in a Driving Simulator. Human Factors, 2011, 53, 50-62.	3.5	48
51	Violations and errors during simulation-based driver training. Ergonomics, 2007, 50, 138-158.	2.1	43
52	A Review and Framework of Control Authority Transitions in Automated Driving. Procedia Manufacturing, 2015, 3, 2510-2517.	1.9	43
53	External Human–Machine Interfaces Can Be Misleading: An Examination of Trust Development and Misuse in a CAVE-Based Pedestrian Simulation Environment. Human Factors, 2022, 64, 1070-1085.	3.5	43
54	A surge of <i>p</i>-values between 0.041 and 0.049 in recent decades (but negative results are) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.0	42

#	ARTICLE	IF	CITATIONS
55	Differences between racing and non-racing drivers: A simulator study using eye-tracking. PLoS ONE, 2017, 12, e0186871.	2.5	39
56	The effects of driving with different levels of unreliable automation on self-reported workload and secondary task performance. International Journal of Vehicle Design, 2016, 70, 297.	0.3	38
57	How Do eHMIs Affect Pedestrians' Crossing Behavior? A Study Using a Head-Mounted Display Combined with a Motion Suit. Information (Switzerland), 2019, 10, 386.	2.9	38
58	Using Eye-Tracking Data to Predict Situation Awareness in Real Time During Takeover Transitions in Conditionally Automated Driving. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2284-2295.	8.0	38
59	Training Effectiveness of Whole Body Flight Simulator Motion: A Comprehensive Meta-Analysis. The International Journal of Aviation Psychology, 2012, 22, 164-183.	0.7	37
60	Road-Departure Prevention in an Emergency Obstacle Avoidance Situation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2014, 44, 621-629.	9.3	37
61	Psychological constructs in driving automation: a consensus model and critical comment on construct proliferation. Theoretical Issues in Ergonomics Science, 2016, 17, 284-303.	1.8	35
62	Changes of Driving Performance and Gaze Behavior of Novice drivers During a 30-min Simulator-based Training. Procedia Manufacturing, 2015, 3, 3325-3332.	1.9	33
63	Predicting self-reported violations among novice license drivers using pre-license simulator measures. Accident Analysis and Prevention, 2013, 52, 71-79.	5.7	32
64	Why Selective Publication of Statistically Significant Results Can Be Effective. PLoS ONE, 2013, 8, e66463.	2.5	32
65	Using CrowdFlower to Study the Relationship between Self-reported Violations and Traffic Accidents. Procedia Manufacturing, 2015, 3, 2518-2525.	1.9	32
66	National correlates of self-reported traffic violations across 41 countries. Personality and Individual Differences, 2016, 98, 145-152.	2.9	32
67	Analyzing crowdsourced ratings of speech-based take-over requests for automated driving. Applied Ergonomics, 2017, 64, 56-64.	3.1	32
68	Riding performance on a conventional bicycle and a pedelec in low speed exercises: Objective and subjective evaluation of middle-aged and older persons. Transportation Research Part F: Traffic Psychology and Behaviour, 2016, 42, 28-43.	3.7	31
69	Robust Hand Motion Tracking through Data Fusion of 5DT Data Glove and Nimble VR Kinect Camera Measurements. Sensors, 2015, 15, 31644-31671.	3.8	30
70	Effects of mental demands on situation awareness during platooning: A driving simulator study. Transportation Research Part F: Traffic Psychology and Behaviour, 2018, 58, 193-209.	3.7	30
71	How should external human-machine interfaces behave? Examining the effects of colour, position, message, activation distance, vehicle yielding, and visual distraction among 1,434 participants. Applied Ergonomics, 2021, 95, 103450.	3.1	30
72	Enhancing Driver Car-Following Performance with a Distance and Acceleration Display. IEEE Transactions on Human-Machine Systems, 2013, 43, 8-16.	3.5	29

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73	Concurrent audio-visual feedback for supporting drivers at intersections: A study using two linked driving simulators. Applied Ergonomics, 2017, 60, 30-42.	3.1	29
74	How to keep drivers engaged while supervising driving automation? A literature survey and categorisation of six solution areas. Theoretical Issues in Ergonomics Science, 2019, 20, 332-365.	1.8	29
75	Workload assessment for mental arithmetic tasks using the task-evoked pupillary response. PeerJ Computer Science, 0, 1, e16.	4.5	29
76	Driving Characteristics and Adaptive Cruise Control ? A Naturalistic Driving Study. IEEE Intelligent Transportation Systems Magazine, 2017, 9, 17-24.	3.8	27
77	The effect of tire grip on learning driving skill and driving style: A driving simulator study. Transportation Research Part F: Traffic Psychology and Behaviour, 2012, 15, 413-426.	3.7	26
78	On the paradoxical decrease of self-reported cognitive failures with age. Ergonomics, 2015, 58, 1471-1486.	2.1	25
79	Shared control for road departure prevention. , 2011, , .		24
80	Visual Sampling Processes Revisited: Replicating and Extending Senders (1983) Using Modern Eye-Tracking Equipment. IEEE Transactions on Human-Machine Systems, 2018, 48, 526-540.	3.5	24
81	Driving simulator parameterization using double-lane change steering metrics as recorded on five modern cars. Simulation Modelling Practice and Theory, 2012, 26, 96-112.	3.8	23
82	Reflections on the 1951 Fitts List: Do Humans Believe Now that Machines Surpass them?. Procedia Manufacturing, 2015, 3, 5334-5341.	1.9	22
83	Agreement between self-reported and registered colorectal cancer screening: a meta-analysis. European Journal of Cancer Care, 2015, 24, 286-298.	1.5	22
84	Does haptic steering guidance instigate speeding? A driving simulator study into causes and remedies. Accident Analysis and Prevention, 2017, 98, 372-387.	5.7	22
85	A Two-Dimensional Weighting Function for a Driver Assistance System. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 189-195.	5.0	20
86	From Mackworth's clock to the open road: A literature review on driver vigilance task operationalization. Transportation Research Part F: Traffic Psychology and Behaviour, 2016, 40, 169-189.	3.7	20
87	What determines drivers' speed? A replication of three behavioural adaptation experiments in a single driving simulator study. Ergonomics, 2018, 61, 966-987.	2.1	20
88	When will most cars be able to drive fully automatically? Projections of 18,970 survey respondents. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 64, 184-195.	3.7	20
89	Which parts of the road guide obstacle avoidance? Quantifying the driver's risk field. Applied Ergonomics, 2020, 89, 103196.	3.1	20
90	External human-machine interfaces: Effects of message perspective. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 78, 30-41.	3.7	20

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91	Nonvestibular Motion Cueing in a Fixed-Base Driving Simulator: Effects on Driver Braking and Cornering Performance. Presence: Teleoperators and Virtual Environments, 2011, 20, 117-142.	0.6	19
92	Automated vehicles that communicate implicitly: examining the use of lateral position within the lane. Ergonomics, 2021, 64, 1416-1428.	2.1	19
93	Vertical field of view restriction in driver training: A simulator-based evaluation. Transportation Research Part F: Traffic Psychology and Behaviour, 2014, 24, 169-182.	3.7	18
94	Mechanisms of temporary adhesion in benthic animals. Biological Reviews, 2011, 86, 15-32.	10.4	17
95	The Relationship Between Distal and Proximal Colonic Neoplasia: A Meta-Analysis. Journal of General Internal Medicine, 2012, 27, 361-370.	2.6	17
96	Measuring drivers' visual information needs during braking: A simulator study using a screen-occlusion method. Transportation Research Part F: Traffic Psychology and Behaviour, 2015, 33, 48-65.	3.7	17
97	The effect of steering-system linearity, simulator motion, and truck driving experience on steering of an articulated tractor-semitrailer combination. Applied Ergonomics, 2018, 71, 17-28.	3.1	17
98	The relationship between the Driver Behavior Questionnaire, Sensation Seeking Scale, and recorded crashes: A brief comment on Martinussen et al. (2017) and new data from SHRP2. Accident Analysis and Prevention, 2018, 118, 54-56.	5.7	17
99	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
100	Crowdsourced Measurement of Reaction Times to Audiovisual Stimuli With Various Degrees of Asynchrony. Human Factors, 2018, 60, 1192-1206.	3.5	16
101	Take over! A video-clip study measuring attention, situation awareness, and decision-making in the face of an impending hazard. Transportation Research Part F: Traffic Psychology and Behaviour, 2020, 72, 211-225.	3.7	16
102	How do pedestrians distribute their visual attention when walking through a parking garage? An eye-tracking study. Ergonomics, 2021, 64, 793-805.	2.1	16
103	Takeover Quality: Assessing the Effects of Time Budget and Traffic Density with the Help of a Trajectory-Planning Method. Journal of Advanced Transportation, 2020, 2020, 1-12.	1.7	15
104	External Human-Machine Interfaces: Which of 729 Colors Is Best for Signaling 'Please (Do not) Cross'?. , 2020, , .		15
105	Modelling driver behaviour: a rationale for multivariate statistics. Theoretical Issues in Ergonomics Science, 2012, 13, 528-545.	1.8	14
106	Cyclists' eye movements and crossing judgments at uncontrolled intersections: An eye-tracking study using animated video clips. Accident Analysis and Prevention, 2018, 120, 270-280.	5.7	14
107	Is the take-over paradigm a mere convenience?. Transportation Research Interdisciplinary Perspectives, 2021, 10, 100370.	2.7	14
108	Effects of visual fidelity on curve negotiation, gaze behaviour and simulator discomfort. Ergonomics, 2015, 58, 1347-1364.	2.1	13

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109	Risk perception: A study using dashcam videos and participants from different world regions. Traffic Injury Prevention, 2020, 21, 347-353.	1.4	13
110	Why human factors science is demonstrably necessary: historical and evolutionary foundations. Ergonomics, 2021, 64, 1115-1131.	2.1	13
111	Emergency braking at intersections: A motion-base motorcycle simulator study. Applied Ergonomics, 2020, 82, 102970.	3.1	12
112	Replicating five pupillometry studies of Eckhard Hess. International Journal of Psychophysiology, 2021, 165, 145-205.	1.0	12
113	A risk field-based metric correlates with driver's perceived risk in manual and automated driving: A test-track study. Transportation Research Part C: Emerging Technologies, 2021, 133, 103428.	7.6	12
114	Opportunities and challenges in improving surgical work flow. Cognition, Technology and Work, 2008, 10, 313-321.	3.0	11
115	Response to commentary on "The Driver Behaviour Questionnaire as a predictor of accidents: A meta-analysis" Journal of Safety Research, 2012, 43, 85-90.	3.6	11
116	What will the car driver do? A video-based questionnaire study on cyclists' anticipation during safety-critical situations. Journal of Safety Research, 2019, 69, 11-21.	3.6	11
117	PC-based hazard anticipation training for experienced cyclists: Design and evaluation. Safety Science, 2020, 123, 104561.	4.9	11
118	The effect of drivers' eye contact on pedestrians' perceived safety. Transportation Research Part F: Traffic Psychology and Behaviour, 2022, 84, 194-210.	3.7	11
119	Pleasure in using adaptive cruise control: A questionnaire study in The Netherlands. Traffic Injury Prevention, 2017, 18, 216-224.	1.4	10
120	Pitfalls of automation: a faulty narrative?. Ergonomics, 2019, 62, 505-508.	2.1	10
121	What driving style makes pedestrians think a passing vehicle is driving automatically?. Applied Ergonomics, 2021, 95, 103428.	3.1	10
122	Adaptive automation: automatically (dis)engaging automation during visually distracted driving. PeerJ Computer Science, 2018, 4, e166.	4.5	10
123	External human–machine interfaces: Gimmick or necessity?. Transportation Research Interdisciplinary Perspectives, 2022, 15, 100643.	2.7	10
124	The effects of control-display gain on performance of race car drivers in an isometric braking task. Journal of Sports Sciences, 2012, 30, 1747-1756.	2.0	9
125	How do driving modes affect the vehicle's dynamic behaviour? Comparing Renault's Multi-Sense sport and comfort modes during on-road naturalistic driving. Vehicle System Dynamics, 2021, 59, 485-503.	3.7	9
126	I See Your Gesture: A VR-Based Study of Bidirectional Communication between Pedestrians and Automated Vehicles. Journal of Advanced Transportation, 2021, 2021, 1-10.	1.7	9

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127	Bio-inspired intent communication for automated vehicles. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 80, 127-140.	3.7	9
128	Car Racing in a Simulator: Validation and Assessment of Brake Pedal Stiffness. Presence: Teleoperators and Virtual Environments, 2011, 20, 47-61.	0.6	8
129	Response to second commentary on â€œThe Driver Behaviour Questionnaire as a predictor of accidents: A meta-analysisâ€. Journal of Safety Research, 2012, 43, 94-98.	3.6	8
130	Why person models are important for human factors science. Theoretical Issues in Ergonomics Science, 2014, 15, 595-614.	1.8	8
131	A toolbox for automated driving on the STISIM driving simulator. MethodsX, 2018, 5, 1073-1088.	1.6	8
132	Towards future pedestrian-vehicle interactions: Introducing theoretically-supported AR prototypes. , 2021, , .		8
133	How Do People Perform an Inspection Time Task? An Examination of Visual Illusions, Task Experience, and Blinking. Journal of Cognition, 2020, 3, 34.	1.4	8
134	Will vehicle data be shared to address the how, where, and who of traffic accidents?. European Journal of Futures Research, 2019, 7, .	2.6	7
135	Feeling Uncertainâ€”Effects of a Vibrotactile Belt that Communicates Vehicle Sensor Uncertainty. Information (Switzerland), 2020, 11, 353.	2.9	7
136	Redesigning Todayâ€™s Driving Automation Toward Adaptive Backup Control With Context-Based and Invisible Interfaces. Human Factors, 2020, 62, 211-228.	3.5	7
137	Towards the detection of driverâ€“pedestrian eye contact. Pervasive and Mobile Computing, 2021, 76, 101455.	3.3	7
138	Advancing simulation-based driver training. , 2008, , .		6
139	Training and assessment with a faster than real-time simulation of a drinking water treatment plant. Simulation Modelling Practice and Theory, 2012, 21, 52-64.	3.8	6
140	The Design of a Vibrotactile Seat for Conveying Take-Over Requests in Automated Driving. Advances in Intelligent Systems and Computing, 2018, , 618-630.	0.6	6
141	Validity and reliability of naturalistic driving scene categorization Judgments from crowdsourcing. Accident Analysis and Prevention, 2018, 114, 25-33.	5.7	6
142	Correlates of self-reported driving aberrations in Tehran: A study at the level of drivers and districts. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 63, 309-322.	3.7	6
143	What makes a good driver on public roads and race tracks? An interview study. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 80, 399-423.	3.7	6
144	Stopping by looking: A driver-pedestrian interaction study in a coupled simulator using head-mounted displays with eye-tracking. Applied Ergonomics, 2022, 105, 103825.	3.1	6

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145	Small sample sizes, overextraction, and unrealistic expectations: A commentary on M. Mattsson. Accident Analysis and Prevention, 2013, 50, 776-777.	5.7	5
146	How do drivers merge heavy goods vehicles onto freeways? A semi-structured interview unveiling needs for communication and support. Cognition, Technology and Work, 2020, 22, 825-842.	3.0	5
147	Supplemental Material for Comparing the Pearson and Spearman Correlation Coefficients Across Distributions and Sample Sizes: A Tutorial Using Simulations and Empirical Data. Psychological Methods, 2016, , .	3.5	5
148	Effects of Concurrent Continuous Visual Feedback on Learning the Lane Keeping Task. , 2011, , .		5
149	Creating the Illusion of Sportiness: Evaluating Modified Throttle Mapping and Artificial Engine Sound for Electric Vehicles. Journal of Advanced Transportation, 2021, 2021, 1-15.	1.7	5
150	Acceptance of conditionally automated cars: Just one factor?. Transportation Research Interdisciplinary Perspectives, 2022, 15, 100645.	2.7	5
151	Sonifying the location of an object: A comparison of three methods. IFAC-PapersOnLine, 2016, 49, 531-536.	0.9	4
152	A human-like steering model: Sensitive to uncertainty in the environment. , 2017, , .		4
153	The 4D LINT Model of Function Allocation: Spatial-Temporal Arrangement and Levels of Automation. Advances in Intelligent Systems and Computing, 2018, , 29-34.	0.6	4
154	Cycling Skill Inventory: Assessment of motor–tactical skills and safety motives. Traffic Injury Prevention, 2019, 20, 3-9.	1.4	4
155	Continuous auditory feedback on the status of adaptive cruise control, lane deviation, and time headway: An acceptable support for truck drivers?. Acoustical Science and Technology, 2019, 40, 382-390.	0.5	4
156	Is accommodation a confounder in pupillometry research?. Biological Psychology, 2021, 160, 108046.	2.2	4
157	Using Crowdflower to Study the Relationship between Self-Reported Violations and Traffic Accidents. SSRN Electronic Journal, 0, , .	0.4	4
158	Ipsilateral and contralateral warnings: effects on decision-making and eye movements in near-collision scenarios. Journal on Multimodal User Interfaces, 2022, 16, 303-317.	2.9	4
159	What Attracts the Driver's Eye? Attention as a Function of Task and Events. Information (Switzerland), 2022, 13, 333.	2.9	4
160	Weighted two-dimensional longitudinal impedance for driving support system. , 0, , .		3
161	Eye-based driver state monitor of distraction, drowsiness, and cognitive load for transitions of control in automated driving. , 2016, , .		3
162	Blind driving by means of auditory feedback. IFAC-PapersOnLine, 2016, 49, 525-530.	0.9	3

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163	On Senders's Models of Visual Sampling Behavior. Human Factors, 2020, , 001872082095995.	3.5	3
164	Haptic Lane-Keeping Assistance for Truck Driving: A Test Track Study. Human Factors, 2020, 63, 001872082092862.	3.5	3
165	Investigating the Effect of a Visual Search Task for Simulator-Based Driver Training. , 2013, , .		3
166	A gesture-based design tool: Assessing 2DOF vs. 4DOF steerable instrument control. PLoS ONE, 2018, 13, e0199367.	2.5	2
167	Conceptual Testing of Visual HMIs for Merging of Trucks. Advances in Intelligent Systems and Computing, 2020, , 462-474.	0.6	2
168	Augmented Visual Feedback: Cure or Distraction?. Human Factors, 2021, 63, 1156-1168.	3.5	2
169	Pitfalls of Statistical Methods in Traffic Psychology. , 2021, , 87-95.		2
170	Driving examiners' views on data-driven assessment of test candidates: An interview study. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 83, 60-79.	3.7	2
171	Towards a Real-Time Driver Workload Estimator: An On-the-Road Study. Advances in Intelligent Systems and Computing, 2017, , 1151-1164.	0.6	2
172	When terminology hinders research: the colloquialisms of transitions of control in automated driving. Cognition, Technology and Work, 2022, 24, 509-520.	3.0	2
173	Gender differences in driver's license theory test scores in the Netherlands. Journal of Safety Research, 2008, 39, 413-416.	3.6	1
174	On the way to pole position: The effect of tire grip on learning to drive a racecar. , 2011, , .		1
175	Final response to the commentaries on "The Driver Behaviour Questionnaire as a predictor of accidents: A meta-analysis". Journal of Safety Research, 2012, 43, 99.	3.6	1
176	A Laparoscopic Morcellator Redesign to Constrain Tissue Using Integrated Gripping Teeth. Journal of Medical Devices, Transactions of the ASME, 2017, 11, .	0.7	1
177	Attention Distribution While Detecting Conflicts between Converging Objects: An Eye-Tracking Study. Vision (Switzerland), 2020, 4, 34.	1.2	1
178	Multivariate and location-specific correlates of fuel consumption: A test track study. Transportation Research, Part D: Transport and Environment, 2021, 92, 102627.	6.8	1
179	Visual Attention of Pedestrians in Traffic Scenes: A Crowdsourcing Experiment. Lecture Notes in Networks and Systems, 2021, , 147-154.	0.7	1
180	Scientific Method, Human Research Ethics, and Biosafety/Biosecurity. SpringerBriefs in Applied Sciences and Technology, 2017, , 1-16.	0.4	1

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181	Relationship Between Distal and Proximal Neoplasia. Journal of General Internal Medicine, 2012, 27, 764-764.	2.6	0
182	A Quarter of a Century of the DBQ: Some Supplementary Notes on its Validity with Regard to Accidents. SSRN Electronic Journal, 2014, , .	0.4	0
183	Object-alignment performance in a head-mounted display versus a monitor. , 2016, , .		0
184	Blind Driving by Means of a Steering-Based Predictor Algorithm. Advances in Intelligent Systems and Computing, 2018, , 457-466.	0.6	0
185	Modelling the Dynamics of Driver Situation Awareness in Automated Driving. Advances in Intelligent Systems and Computing, 2018, , 643-649.	0.6	0
186	Publishing. SpringerBriefs in Applied Sciences and Technology, 2017, , 67-97.	0.4	0
187	The effect of an occlusion-induced delay on braking behavior in critical situations: A driving simulator study. Human Factors, 2023, 65, 1336-1344.	3.5	0