

David E Crundall

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5281817/publications.pdf>

Version: 2024-02-01

101
papers

4,645
citations

136740

32
h-index

102304

66
g-index

101
all docs

101
docs citations

101
times ranked

2383
citing authors

#	ARTICLE	IF	CITATIONS
1	Situation Awareness in sports: A scoping review. <i>Psychology of Sport and Exercise</i> , 2022, 59, 102132.	1.1	3
2	An exploration into the contributing cognitive skills of lifeguard visual search. <i>Applied Cognitive Psychology</i> , 2022, 36, 216-227.	0.9	5
3	An online hazard prediction test demonstrates differences in the ability to identify hazardous situations between different driving groups. <i>Ergonomics</i> , 2022, 65, 1119-1137.	1.1	4
4	Action request episodes in trauma team interactions in Japan and the UK - A multimodal analysis of joint actions in medical simulation. <i>Journal of Pragmatics</i> , 2022, 194, 101-118.	0.8	2
5	Correlations among self-report, static image, and video-based hazard perception assessments: The validity of a new Lithuanian hazard prediction test. <i>Accident Analysis and Prevention</i> , 2022, 173, 106716.	3.0	7
6	A novel driving assessment combining hazard perception, hazard prediction and theory questions. <i>Accident Analysis and Prevention</i> , 2021, 149, 105847.	3.0	17
7	Visual search for drowning swimmers: Investigating the impact of lifeguarding experience. <i>Applied Cognitive Psychology</i> , 2021, 35, 215-231.	0.9	5
8	Risky Decision-Making and Hazard Prediction are Negatively Related and Could Be Assessed Independently Using Driving Footage. <i>Psychology Research and Behavior Management</i> , 2021, Volume 14, 857-876.	1.3	5
9	Search for a distressed swimmer in a dynamic, real-world environment.. <i>Journal of Experimental Psychology: Applied</i> , 2021, 27, 352-368.	0.9	5
10	Assessing Willingness to Engage in Risky Driving Behaviour Using Naturalistic Driving Footage: The Role of Age and Gender. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10227.	1.2	8
11	A comparison of cybersickness symptoms across 360-degree hazard perception and hazard prediction tests for drivers. <i>Applied Ergonomics</i> , 2021, 97, 103549.	1.7	0
12	The Multiple Object Avoidance (MOA) task measures attention for action: Evidence from driving and sport. <i>Behavior Research Methods</i> , 2021, , 1.	2.3	6
13	Framing trauma leaders' request in emergency care interactions. <i>Communication and Medicine</i> , 2021, 17, .	0.1	3
14	The effect of aggressive driver behaviour, violation and error on vehicle crashes involvement in Jordan. <i>International Journal of Crashworthiness</i> , 2020, 25, 276-283.	1.1	9
15	Creating a hazard-based training and assessment tool for emergency response drivers. <i>Accident Analysis and Prevention</i> , 2020, 144, 105607.	3.0	10
16	Proof-of-Concept Study: a Mobile Application to Derive Clinical Outcome Measures from Expression and Speech for Mental Health Status Evaluation. <i>Journal of Medical Systems</i> , 2020, 44, 209.	2.2	1
17	Cross-cultural effects on detecting multiple sources of driving hazard: Evidence from the deceleration detection flicker test. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2020, 69, 222-234.	1.8	6
18	How are distractibility and hazard prediction in driving related? Role of driving experience as moderating factor. <i>Applied Ergonomics</i> , 2019, 81, 102886.	1.7	27

#	ARTICLE	IF	CITATIONS
19	Aperture judgement in fire-appliance drivers. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2019, 63, 55-66.	1.8	3
20	A comparison of hazard perception and hazard prediction tests across China, Spain and the UK. <i>Accident Analysis and Prevention</i> , 2019, 122, 268-286.	3.0	41
21	The Effect of Lifeguard Experience upon the Detection of Drowning Victims in a Realistic Dynamic Visual Search Task. <i>Applied Cognitive Psychology</i> , 2018, 32, 14-23.	0.9	16
22	Familiarity breeds contempt for the road ahead: The real-world effects of route repetition on visual attention in an expert driver. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2018, 57, 4-9.	1.8	15
23	Prediction and perception of hazards in professional drivers: Does hazard perception skill differ between safe and less-safe fire-appliance drivers?. <i>Accident Analysis and Prevention</i> , 2018, 121, 335-346.	3.0	24
24	The hazard prediction test: A comparison of free-response and multiple-choice formats. <i>Safety Science</i> , 2018, 109, 246-255.	2.6	24
25	Predicting criminal incidents on the basis of non-verbal behaviour: The role of experience. <i>Security Journal</i> , 2017, 30, 703-716.	1.0	3
26	Are situation awareness and decision-making in driving totally conscious processes? Results of a hazard prediction task. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2017, 44, 168-179.	1.8	30
27	Commentary driver training: Effects of commentary exposure, practice and production on hazard perception and eye movements. <i>Accident Analysis and Prevention</i> , 2017, 101, 1-10.	3.0	21
28	Perceptual training to increase drivers' ability to spot motorcycles at T-junctions. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2017, 48, 1-12.	1.8	13
29	Journey decision making: the influence on drivers of dynamic information presented on variable message signs. <i>Cognition, Technology and Work</i> , 2016, 18, 303-317.	1.7	26
30	What happens when drivers face hazards on the road?. <i>Accident Analysis and Prevention</i> , 2016, 91, 43-54.	3.0	52
31	Hazard prediction discriminates between novice and experienced drivers. <i>Accident Analysis and Prevention</i> , 2016, 86, 47-58.	3.0	136
32	Risk-taking on the road and in the mind: behavioural and neural patterns of decision making between risky and safe drivers. <i>Ergonomics</i> , 2016, 59, 27-38.	1.1	22
33	Proactive Listening to a Training Commentary improves hazard prediction. <i>Safety Science</i> , 2016, 82, 144-154.	2.6	34
34	Misuse of mobile phone conversation while driving: Driver distraction a major public health problem. <i>Nigerian Journal of General Practice</i> , 2016, 14, 17.	0.3	2
35	Cross-cultural effects on the perception and appraisal of approaching motorcycles at junctions. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2015, 31, 77-86.	1.8	21
36	The relationship between four-wheel drives and risky driving behaviours. <i>International Journal of Medicine and Public Health</i> , 2014, 4, 280.	0.3	4

#	ARTICLE	IF	CITATIONS
37	Developing a Graphical Route Information Panel (GRIP) for use on the UK motorway network. The first steps. Transportation Research Part F: Traffic Psychology and Behaviour, 2014, 27, 133-149.	1.8	9
38	The role of experience and advanced training on performance in a motorcycle simulator. Accident Analysis and Prevention, 2014, 73, 81-90.	3.0	19
39	Are experienced drivers more likely than novice drivers to benefit from driving simulations with a wide field of view?. Transportation Research Part F: Traffic Psychology and Behaviour, 2014, 27, 124-132.	1.8	31
40	Development and Validation of the Spanish Hazard Perception Test. Traffic Injury Prevention, 2014, 15, 817-826.	0.6	32
41	A predictive hazard perception paradigm differentiates driving experience cross-culturally. Transportation Research Part F: Traffic Psychology and Behaviour, 2014, 26, 210-217.	1.8	29
42	Producing a commentary slows concurrent hazard perception responses.. Journal of Experimental Psychology: Applied, 2014, 20, 285-294.	0.9	9
43	Keeping Your Eye on the Rail: Gaze Behaviour of Horse Riders Approaching a Jump. PLoS ONE, 2014, 9, e97345.	1.1	3
44	Cross-cultural effects on drivers' hazard perception. Transportation Research Part F: Traffic Psychology and Behaviour, 2013, 21, 194-206.	1.8	37
45	Motorcycling experience and hazard perception. Accident Analysis and Prevention, 2013, 50, 456-464.	3.0	22
46	The influence of differences in the functioning of the neurocognitive attentional networks on drivers' performance. Accident Analysis and Prevention, 2013, 50, 1193-1206.	3.0	24
47	A simulator study investigating how motorcyclists approach side-road hazards. Accident Analysis and Prevention, 2013, 51, 42-50.	3.0	12
48	Journey decision making. , 2013, , .		1
49	Exploring the ability to identify visual search differences when observing drivers' eye movements. Transportation Research Part F: Traffic Psychology and Behaviour, 2012, 15, 378-386.	1.8	24
50	Why do car drivers fail to give way to motorcycles at t-junctions?. Accident Analysis and Prevention, 2012, 44, 88-96.	3.0	77
51	Attending overtaking cars and motorcycles through the mirrors before changing lanes. Accident Analysis and Prevention, 2012, 44, 104-110.	3.0	26
52	Some hazards are more attractive than others: Drivers of varying experience respond differently to different types of hazard. Accident Analysis and Prevention, 2012, 45, 600-609.	3.0	192
53	Negotiating Left-Hand and Right-Hand Bends: A Motorcycle Simulator Study to Investigate Experiential and Behaviour Differences Across Rider Groups. PLoS ONE, 2012, 7, e29978.	1.1	15
54	Driving simulator validation with hazard perception. Transportation Research Part F: Traffic Psychology and Behaviour, 2011, 14, 435-446.	1.8	217

#	ARTICLE	IF	CITATIONS
55	Visual Attention While Driving. , 2011, , 137-148.		27
56	Scanning Behaviour in Natural Scenes is Influenced by a Preceding Unrelated Visual Search Task. Perception, 2011, 40, 1335-1349.	0.5	15
57	Applying the motorcyclist's perspective to improve car drivers' attitudes towards motorcyclists. Accident Analysis and Prevention, 2011, 43, 1743-1750.	3.0	7
58	â€˜STISIM-Driveâ€™ Meets â€˜MotorcycleSimâ€™: Using Driving Simulation Software to Develop a Unique Motorcycle Simulator for Rider Behavior Research. Communications in Computer and Information Science, 2011, , 76-80.	0.4	1
59	The impact of map orientation and generalisation on congestion decisions: a comparison of schematic-egocentric and topographic-alloentric maps. Ergonomics, 2011, 54, 700-715.	1.1	7
60	Driver's visual attention as a function of driving experience and visibility. Using a driving simulator to explore drivers' eye movements in day, night and rain driving. Accident Analysis and Prevention, 2010, 42, 827-834.	3.0	307
61	Hazard perception as a function of target location and the field of view. Accident Analysis and Prevention, 2010, 42, 1577-1584.	3.0	46
62	Commentary training improves responsiveness to hazards in a driving simulator. Accident Analysis and Prevention, 2010, 42, 2117-2124.	3.0	114
63	Mobile phone use while driving: a major public health problem in an Arabian society, State of Qatar' mobile phone use and the risk of motor vehicle crashes. Zeitschrift Fur Gesundheitswissenschaften, 2010, 18, 123-129.	0.8	21
64	Motorcyclists' and car drivers' responses to hazards. Transportation Research Part F: Traffic Psychology and Behaviour, 2010, 13, 243-254.	1.8	48
65	The Deceleration Detection Flicker Test: A measure of experience?. Ergonomics, 2009, 52, 674-684.	1.1	10
66	The relationship between visual memory and rider expertise in a show-jumping context. Veterinary Journal, 2009, 181, 29-33.	0.6	6
67	Change blindness in driving scenes. Transportation Research Part F: Traffic Psychology and Behaviour, 2009, 12, 179-185.	1.8	43
68	What happens next? Predicting other road users' behaviour as a function of driving experience and processing time. Ergonomics, 2009, 52, 154-164.	1.1	133
69	Car drivers' attitudes towards motorcyclists: A survey. Accident Analysis and Prevention, 2008, 40, 983-993.	3.0	43
70	An application of the theory of planned behaviour to truck driving behaviour and compliance with regulations. Accident Analysis and Prevention, 2008, 40, 2058-2064.	3.0	74
71	The Driver Prioritisation Questionnaire: Exploring drivers' self-report visual priorities in a range of driving scenarios. Accident Analysis and Prevention, 2008, 40, 1925-1936.	3.0	16
72	Does attention move or spread during mental curve tracing?. Perception & Psychophysics, 2008, 70, 374-388.	2.3	7

#	ARTICLE	IF	CITATIONS
73	Attentional and automatic processes in line tracing: Is tracing obligatory?. Perception & Psychophysics, 2008, 70, 422-430.	2.3	5
74	Perception and appraisal of approaching motorcycles at junctions. Transportation Research Part F: Traffic Psychology and Behaviour, 2008, 11, 159-167.	1.8	42
75	Some practical constraints on Cognitive Ethology: Striking the balance between a theoretical approach and a practical methodology. British Journal of Psychology, 2008, 99, 341-345.	1.2	3
76	Role of gender and driver behaviour in road traffic crashes. International Journal of Crashworthiness, 2008, 13, 331-336.	1.1	49
77	Training Eye Movements: Can Training People Where to Look Hinder the Processing of Fixated Objects?. Perception, 2008, 37, 1729-1744.	0.5	10
78	Experience and Visual Attention in Driving. , 2008, , 89-116.		1
79	The effect of seatbelt legislation on hospital admissions with road traffic injuries in an oil-rich, fast-developing country. International Journal of Injury Control and Safety Promotion, 2007, 14, 103-107.	1.0	21
80	Object-based attention is mediated by collinearity of targets. Quarterly Journal of Experimental Psychology, 2007, 60, 137-153.	0.6	10
81	Previous attentional set can induce an attentional blink with task-irrelevant initial targets. Quarterly Journal of Experimental Psychology, 2007, 60, 1603-1609.	0.6	18
82	Attraction and distraction of attention with roadside advertisements. Accident Analysis and Prevention, 2006, 38, 671-677.	3.0	103
83	Confirming Statements about Pictures of Natural Scenes: Evidence of the Processing of Gist from Eye Movements. Perception, 2005, 34, 1069-1082.	0.5	7
84	What attracts attention during police pursuit driving?. Applied Cognitive Psychology, 2005, 19, 409-420.	0.9	19
85	Regulating conversation during driving: a problem for mobile telephones?. Transportation Research Part F: Traffic Psychology and Behaviour, 2005, 8, 197-211.	1.8	70
86	The integration of top-down and bottom-up factors in visual search during driving. , 2005, , 283-302.		4
87	Eye Movements during Intentional Car following. Perception, 2004, 33, 975-986.	0.5	50
88	Driving experience, attentional focusing, and the recall of recently inspected events. Transportation Research Part F: Traffic Psychology and Behaviour, 2003, 6, 289-304.	1.8	46
89	Visual attention while driving: sequences of eye fixations made by experienced and novice drivers. Ergonomics, 2003, 46, 629-646.	1.1	397
90	Eye movements and hazard perception in police pursuit and emergency response driving.. Journal of Experimental Psychology: Applied, 2003, 9, 163-174.	0.9	112

#	ARTICLE	IF	CITATIONS
91	Selective searching while driving: the role of experience in hazard detection and general surveillance. <i>Ergonomics</i> , 2002, 45, 1-12.	1.1	130
92	Visual search while driving: skill and awareness during inspection of the scene. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2002, 5, 87-97.	1.8	217
93	Attending to the peripheral world while driving. <i>Applied Cognitive Psychology</i> , 2002, 16, 459-475.	0.9	117
94	The priming function of road signs. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2001, 4, 187-200.	1.8	44
95	Is attention required in a model of saccade generation?. <i>Behavioral and Brain Sciences</i> , 1999, 22, 679-680.	0.4	0
96	Anger while driving. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 1999, 2, 55-68.	1.8	244
97	Driving Experience and the Functional Field of View. <i>Perception</i> , 1999, 28, 1075-1087.	0.5	184
98	Driving experience and the functional field of view. <i>Perception</i> , 1999, 28, 1075-1087.	0.5	69
99	Effects of experience and processing demands on visual information acquisition in drivers. <i>Ergonomics</i> , 1998, 41, 448-458.	1.1	336
100	How Much Do Novice Drivers See? The Effects of Demand on Visual Search Strategies in Novice and Experienced Drivers. , 1998, , 395-417.		21
101	Driving. , 0, , 391-414.		2