

Neville A Stanton

List of Publications by Year in descending order

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Version: 2024-02-01

412
papers

17,918
citations

15880

67
h-index

25230

113
g-index

426
all docs

426
docs citations

426
times ranked

7454
citing authors

#	ARTICLE	IF	CITATIONS
1	The risks associated with Artificial General Intelligence: A systematic review. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2023, 35, 649-663.	1.8	34
2	Methodological issues in systems Human Factors and Ergonomics: Perspectives on the researchâ€”practice gap, reliability and validity, and prediction. <i>Human Factors and Ergonomics in Manufacturing</i> , 2022, 32, 6-19.	1.4	24
3	Validating Operator Event Sequence Diagrams: The case of an automated vehicle to human driver handovers. <i>Human Factors and Ergonomics in Manufacturing</i> , 2022, 32, 89-101.	1.4	5
4	OESDs in an on-road study of semi-automated vehicle to human driver handovers. <i>Cognition, Technology and Work</i> , 2022, 24, 317-332.	1.7	7
5	The quest for the ring: a case study of a new submarine control room configuration. <i>Ergonomics</i> , 2022, 65, 384-406.	1.1	4
6	Testing the reliability and validity of risk assessment methods in Human Factors and Ergonomics. <i>Ergonomics</i> , 2022, 65, 407-428.	1.1	16
7	Taking a mixed-methods approach to collision investigation: AcciMap, STAMP-CAST and PCM. <i>Applied Ergonomics</i> , 2022, 100, 103650.	1.7	9
8	How does eco-driving make us feel? Considering the psychological effects of eco-driving. <i>Applied Ergonomics</i> , 2022, 101, 103680.	1.7	1
9	Predicting and mitigating failures on the flight deck: an aircraft engine bird strike scenario. <i>Ergonomics</i> , 2022, 65, 1672-1695.	1.1	1
10	State of science: models and methods for understanding and enhancing teams and teamwork in complex sociotechnical systems. <i>Ergonomics</i> , 2022, 65, 161-187.	1.1	12
11	Learning lessons for automated vehicle design: Using systems thinking to analyse and compare automation-related accidents across transport domains. <i>Safety Science</i> , 2022, 153, 105822.	2.6	11
12	The circadian effect on psychophysiological driver state monitoring. <i>Theoretical Issues in Ergonomics Science</i> , 2021, 22, 619-649.	1.0	6
13	Designing flight deck applications: combining insight from end-users and ergonomists. <i>Cognition, Technology and Work</i> , 2021, 23, 353-365.	1.7	4
14	Incorporating Driver Preferences Into Eco-Driving Assistance Systems Using Optimal Control. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 2913-2922.	4.7	14
15	The manual shift in phase: the impact of circadian phase on semi-autonomous driving. What can we learn from current understanding in manual driving?. <i>Theoretical Issues in Ergonomics Science</i> , 2021, 22, 103-123.	1.0	4
16	Adjusting the need for speed: assessment of a visual interface to reduce fuel use. <i>Ergonomics</i> , 2021, 64, 315-329.	1.1	1
17	Driving performance, sleepiness, fatigue, and mental workload throughout the time course of semiâ€”automated drivingâ€”Experimental data from the driving simulator. <i>Human Factors and Ergonomics in Manufacturing</i> , 2021, 31, 143-154.	1.4	9
18	Systems thinking-based risk assessment methods applied to sports performance: A comparison of STPA, EAST-BL, and Net-HARMS in the context of elite women's road cycling. <i>Applied Ergonomics</i> , 2021, 91, 103297.	1.7	16

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19	Using the Perceptual Cycle Model and Schema World Action Research Method to generate design requirements for new avionic systems. <i>Human Factors and Ergonomics in Manufacturing</i> , 2021, 31, 66-75.	1.4	3
20	From interfaces to infrastructure: extending ecological interface design to re-design rail level crossings. <i>Cognition, Technology and Work</i> , 2021, 23, 3-21.	1.7	4
21	Challenges for automated vehicle driver training: A thematic analysis from manual and automated driving. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2021, 76, 238-268.	1.8	21
22	Complexity theory in accident causation: using AcciMap to identify the systems thinking tenets in 11 catastrophes. <i>Ergonomics</i> , 2021, 64, 821-838.	1.1	17
23	Real-time predictive eco-driving assistance considering road geometry and long-range radar measurements. <i>IET Intelligent Transport Systems</i> , 2021, 15, 573-583.	1.7	11
24	Resolving the differences between system development and system operation using STAMP: a road safety case study in a low-income setting. <i>Ergonomics</i> , 2021, 64, 839-855.	1.1	9
25	Vulnerable road users and the coming wave of automated vehicles: Expert perspectives. <i>Transportation Research Interdisciplinary Perspectives</i> , 2021, 9, 100293.	1.6	69
26	Can't Touch This: Hammer Time on Touchscreen Task Performance Variability under Simulated Turbulent Flight Conditions. <i>International Journal of Human-Computer Interaction</i> , 2021, 37, 666-679.	3.3	6
27	How do head coaches brief their athletes? Exploring transformational leadership behaviors in elite team sports. <i>Human Factors and Ergonomics in Manufacturing</i> , 2021, 31, 506-515.	1.4	0
28	Intuition, the Accimap, and the question "why?" Identifying and classifying higher-order factors contributing to road traffic collisions. <i>Human Factors and Ergonomics in Manufacturing</i> , 2021, 31, 546-558.	1.4	4
29	An investigation of urban pedestrian behaviour in Bangladesh using the Perceptual Cycle Model. <i>Safety Science</i> , 2021, 138, 105214.	2.6	16
30	The Benefit of Assisted and Unassisted Eco-Driving for Electrified Powertrains. <i>IEEE Transactions on Human-Machine Systems</i> , 2021, 51, 403-407.	2.5	2
31	Why do road traffic collision types repeat themselves? Look back before moving forward. <i>Human Factors and Ergonomics in Manufacturing</i> , 2021, 31, 652-663.	1.4	10
32	What can we learn from Automated Vehicle collisions? A deductive thematic analysis of five Automated Vehicle collisions. <i>Safety Science</i> , 2021, 141, 105320.	2.6	22
33	Modelling Automation "Human Driver Handovers Using Operator Event Sequence Diagrams. <i>Future Transportation</i> , 2021, 1, 351-369.	1.3	1
34	Exploring the Relationships between Demographics, Road Safety Attitudes, and Self-Reported Pedestrian Behaviours in Bangladesh. <i>Sustainability</i> , 2021, 13, 10640.	1.6	9
35	To utilize automation or not to utilize automation, that is the question: An evaluation of how drills and procedures impact operator's usage from a sociotechnical systems perspective. <i>Applied Ergonomics</i> , 2021, 97, 103543.	1.7	3
36	It's a circular argument: Examining how a novel configuration impacts information flow in submarine control rooms. <i>Applied Ergonomics</i> , 2021, 97, 103534.	1.7	2

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37	Are accident analysis methods fit for purpose? Testing the criterion-referenced concurrent validity of AcciMap, STAMP-CAST and AcciNet. <i>Safety Science</i> , 2021, 144, 105454.	2.6	20
38	Block off: an examination of new control room configurations and reduced crew sizes examining engineered production blocking. <i>Cognition, Technology and Work</i> , 2020, 22, 29-55.	1.7	9
39	Evaluating the Impact of Increased Volume of Data Transmission on Teleoperated Vehicles. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 645-655.	0.5	0
40	Evaluating the Effectiveness of a Novel Team Development Intervention on Teamwork. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 422-434.	0.5	0
41	Interfaces with Legs? Documenting the Design Sprint of Prototype Future Submarine Control Room User Interfaces. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 669-680.	0.5	0
42	Evaluating the reduced flight deck crew concept using cognitive work analysis and social network analysis: comparing normal and data-link outage scenarios. <i>Cognition, Technology and Work</i> , 2020, 22, 109-124.	1.7	17
43	Driving towards a greener future: an application of cognitive work analysis to promote fuel-efficient driving. <i>Cognition, Technology and Work</i> , 2020, 22, 125-142.	1.7	4
44	Better together? Investigating new control room configurations and reduced crew size in submarine command and control. <i>Ergonomics</i> , 2020, 63, 307-323.	1.1	12
45	Seeing through the mist: an evaluation of an iteratively designed head-up display, using a simulated degraded visual environment, to facilitate rotary-wing pilot situation awareness and workload. <i>Cognition, Technology and Work</i> , 2020, 22, 549-563.	1.7	8
46	Ideation using the "Design with Intent" toolkit: A case study applying a design toolkit to support creativity in developing vehicle interfaces for fuel-efficient driving. <i>Applied Ergonomics</i> , 2020, 84, 103026.	1.7	4
47	Breaking the cycle of frustration: Applying Neisser's Perceptual Cycle Model to drivers of semi-autonomous vehicles. <i>Applied Ergonomics</i> , 2020, 85, 103037.	1.7	24
48	A sociotechnical approach to accident analysis in a low-income setting: Using Accimaps to guide road safety recommendations in Bangladesh. <i>Safety Science</i> , 2020, 124, 104589.	2.6	34
49	You say it is physical, I say it is functional; let us call the whole thing off! Simulation: an application divided by lack of common language. <i>Theoretical Issues in Ergonomics Science</i> , 2020, 21, 507-536.	1.0	14
50	Progressing Toward Airlines'™ Reduced-Crew Operations: A Systematic Literature Review. <i>International Journal of Aerospace Psychology</i> , 2020, 30, 1-24.	1.1	14
51	Exploring the relationships between pedestrian behaviours and traffic safety attitudes in six countries. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2020, 68, 257-271.	1.8	36
52	Returning to periscope depth in a circular control room configuration. <i>Cognition, Technology and Work</i> , 2020, , 1.	1.7	3
53	Out of control? Using STAMP to model the control and feedback mechanisms surrounding identity crime in darknet marketplaces. <i>Applied Ergonomics</i> , 2020, 89, 103223.	1.7	4
54	Representing two road traffic collisions in one Accimap: highlighting the importance of emergency response and enforcement in a low-income country. <i>Ergonomics</i> , 2020, 63, 1512-1524.	1.1	10

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55	A Delphi study of human factors methods for the evaluation of adaptation in safety-related organisations. <i>Safety Science</i> , 2020, 131, 104933.	2.6	12
56	Turing in the driver's seat: Can people distinguish between automated and manually driven vehicles?. <i>Human Factors and Ergonomics in Manufacturing</i> , 2020, 30, 418-425.	1.4	25
57	Constraining Design: Applying the Insights of Cognitive Work Analysis to the Design of Novel In-Car Interfaces to Support Eco-Driving. <i>Automotive Innovation</i> , 2020, 3, 30-41.	3.1	12
58	Automated Vehicle Handover Interface Design: Focus Groups with Learner, Intermediate and Advanced Drivers. <i>Automotive Innovation</i> , 2020, 3, 14-29.	3.1	12
59	The Binary-Based Model (BBM) for Improved Human Factors Method Selection. <i>Human Factors</i> , 2020, 63, 001872082092687.	2.1	5
60	The big picture on accident causation: A review, synthesis and meta-analysis of AcciMap studies. <i>Safety Science</i> , 2020, 126, 104650.	2.6	63
61	How do fatalistic beliefs affect the attitudes and pedestrian behaviours of road users in different countries? A cross-cultural study. <i>Accident Analysis and Prevention</i> , 2020, 139, 105491.	3.0	35
62	A Synthesis of Sociotechnical Principles for System Design. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 665-676.	0.5	5
63	Drivers' Interaction with, and Perception Toward Semi-autonomous Vehicles in Naturalistic Settings. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 20-26.	0.5	2
64	Vocal Guidance of Visual Gaze During an Automated Vehicle Handover Task. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 27-35.	0.5	2
65	Considering Single-Piloted Airliners for Different Flight Durations: An Issue of Fatigue Management. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 683-694.	0.5	3
66	Assessing Situation Awareness Across Different Submarine Control Room Layouts. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 475-482.	0.5	0
67	Systems Thinking in Aerospace: The Contributions to the Design of Future Airliners' Single Pilot Operations. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2020, 64, 188-192.	0.2	0
68	Proactively identifying the risks to performance in elite sport systems: A novel application of the Networked Hazard Analysis and Risk Management System (Net-HARMS) in women's cycling. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2020, 64, 1750-1754.	0.2	0
69	Conditionally and highly automated vehicle handover: A study exploring vocal communication between two drivers. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2019, 65, 699-715.	1.8	18
70	Recognizing driving styles based on topic models. <i>Transportation Research, Part D: Transport and Environment</i> , 2019, 66, 13-22.	3.2	36
71	Using the Event Analysis of Systemic Teamwork (EAST) broken-links approach to understand vulnerabilities to disruption in a darknet market. <i>Ergonomics</i> , 2019, 62, 1134-1149.	1.1	19
72	Who is responsible for automated driving? A macro-level insight into automated driving in the United Kingdom using the Risk Management Framework and Social Network Analysis. <i>Applied Ergonomics</i> , 2019, 81, 102904.	1.7	11

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73	Models and methods for collision analysis: A comparison study based on the Uber collision with a pedestrian. <i>Safety Science</i> , 2019, 120, 117-128.	2.6	91
74	The effects of team co-location and reduced crewing on team communication characteristics. <i>Applied Ergonomics</i> , 2019, 81, 102875.	1.7	11
75	Identified handover tools and techniques in high-risk domains: Using distributed situation awareness theory to inform current practices. <i>Safety Science</i> , 2019, 118, 915-924.	2.6	12
76	Directability, eye-gaze, and the usage of visual displays during an automated vehicle handover task. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2019, 67, 29-42.	1.8	13
77	Predicting Design-Induced Error on the Flight Deck: An Aircraft Engine Oil Leak Scenario. <i>Human Factors</i> , 2019, 63, 001872081987290.	2.1	8
78	Acclimatizing to automation: Driver workload and stress during partially automated car following in real traffic. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2019, 65, 503-517.	1.8	38
79	Analysis of driver roles: modelling the changing role of the driver in automated driving systems using EAST. <i>Theoretical Issues in Ergonomics Science</i> , 2019, 20, 284-300.	1.0	25
80	Driving aviation forward; contrasting driving automation and aviation automation. <i>Theoretical Issues in Ergonomics Science</i> , 2019, 20, 250-264.	1.0	5
81	Applying the AcciMap methodology to investigate the tragic Mirsharai road accident in Bangladesh. <i>MATEC Web of Conferences</i> , 2019, 277, 02019.	0.1	8
82	Vulnerable road users in low-, middle-, and high-income countries: Validation of a Pedestrian Behaviour Questionnaire. <i>Accident Analysis and Prevention</i> , 2019, 131, 80-94.	3.0	51
83	All at Sea with User Interfaces: From Evolutionary to Ecological Design for Submarine Combat Systems. <i>Theoretical Issues in Ergonomics Science</i> , 2019, 20, 632-658.	1.0	7
84	Adaptation as a source of safety in complex socio-technical systems: A literature review and model development. <i>Safety Science</i> , 2019, 118, 617-631.	2.6	28
85	What do applications of systems thinking accident analysis methods tell us about accident causation? A systematic review of applications between 1990 and 2018. <i>Safety Science</i> , 2019, 117, 164-183.	2.6	125
86	A future airliner's reduced-crew: modelling pilot incapacitation and homicide-suicide with systems theory. <i>Human-Intelligent Systems Integration</i> , 2019, 1, 27-42.	1.2	9
87	Thematic issue: driving automation and autonomy. <i>Theoretical Issues in Ergonomics Science</i> , 2019, 20, 215-222.	1.0	11
88	Vehicle sensor data-based analysis on the driving style differences between operating indoor simulator and on-road instrumented vehicle. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , 2019, 23, 144-160.	2.6	10
89	Exploring Bayesian analyses of a small-sample-size factorial design in human systems integration: the effects of pilot incapacitation. <i>Human-Intelligent Systems Integration</i> , 2019, 1, 71-88.	1.2	11
90	Managing a Data-link Failure of a Single-piloted Airliner during Flight: A System-Theoretic Process Analysis. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2019, 63, 106-110.	0.2	4

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91	Using the abstraction hierarchy to identify how the purpose and structure of road transport systems contributes to road trauma. <i>Transportation Research Interdisciplinary Perspectives</i> , 2019, 3, 100067.	1.6	11
92	Sociotechnical analysis of the Uber collision with a pedestrian: Actor Maps and AcciMaps. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2019, 63, 1686-1691.	0.2	3
93	Adaptive driver modelling in ADAS to improve user acceptance: A study using naturalistic data. <i>Safety Science</i> , 2019, 119, 76-83.	2.6	35
94	Modelling distributed crewing in commercial aircraft with STAMP for a rapid decompression hazard. <i>Ergonomics</i> , 2019, 62, 156-170.	1.1	20
95	Distributed cognition in aviation operations: a gate-to-gate study with implications for distributed crewing. <i>Ergonomics</i> , 2019, 62, 138-155.	1.1	18
96	Systems Theoretic Accident Model and Process (STAMP) applied to a Royal Navy Hawk jet missile simulation exercise. <i>Safety Science</i> , 2019, 113, 461-471.	2.6	24
97	Rolling Out the Red (and Green) Carpet: Supporting Driver Decision Making in Automation-to-Manual Transitions. <i>IEEE Transactions on Human-Machine Systems</i> , 2019, 49, 20-31.	2.5	64
98	Future technology on the flight deck: assessing the use of touchscreens in vibration environments. <i>Ergonomics</i> , 2019, 62, 286-304.	1.1	24
99	Know-how or know-why? The role of hybrid electric vehicle drivers' acquisition of eco-driving knowledge for eco-driving success. <i>Applied Ergonomics</i> , 2019, 75, 221-229.	1.7	5
100	Eco-driving: the role of feedback in reducing emissions from everyday driving behaviours. <i>Theoretical Issues in Ergonomics Science</i> , 2019, 20, 85-104.	1.0	28
101	Editorial: Ergonomics and Human Factors in Aviation. <i>Ergonomics</i> , 2019, 62, 131-137.	1.1	16
102	Who is responsible for global road safety? A cross-cultural comparison of Actor Maps. <i>Accident Analysis and Prevention</i> , 2019, 122, 8-18.	3.0	60
103	Situation awareness based on eye movements in relation to the task environment. <i>Cognition, Technology and Work</i> , 2019, 21, 99-111.	1.7	69
104	Use of Highways in the Sky and a virtual pad for landing Head Up Display symbology to enable improved helicopter pilots situation awareness and workload in degraded visual conditions. <i>Ergonomics</i> , 2019, 62, 255-267.	1.1	17
105	A human factors perspective on automated driving. <i>Theoretical Issues in Ergonomics Science</i> , 2019, 20, 223-249.	1.0	177
106	From the Simulator to the Road—Realization of an In-Vehicle Interface to Support Fuel-Efficient Eco-Driving. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 814-819.	0.5	1
107	Using Cognitive Work Analysis to Inform Policy Recommendations to Support Fuel-Efficient Driving. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 376-385.	0.5	2
108	Revealing the Complexity of Road Transport with Accimaps. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 80-89.	0.5	2

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109	Speech-based Alarm Displays. , 2019, , 243-262.		2
110	Auditory Warnings and Displays: An Overview. , 2019, , 3-30.		1
111	Auditory Warning Affordances. , 2019, , 113-128.		0
112	Macrocognition in Submarine Command and Control: A Comparison of three Simulated Operational Scenarios. Journal of Applied Research in Memory and Cognition, 2018, 7, 92-105.	0.7	15
113	Walking the talk: Comparing pedestrian "activity as imagined"™ with "activity as done"™. Accident Analysis and Prevention, 2018, 113, 74-84.	3.0	11
114	The virtual landing pad: facilitating rotary-wing landing operations in degraded visual environments. Cognition, Technology and Work, 2018, 20, 219-232.	1.7	6
115	Where are we on driver distraction? Methods, approaches and recommendations. Theoretical Issues in Ergonomics Science, 2018, 19, 578-605.	1.0	10
116	Driver error or designer error: Using the Perceptual Cycle Model to explore the circumstances surrounding the fatal Tesla crash on 7th May 2016. Safety Science, 2018, 108, 278-285.	2.6	99
117	Distributed Cognition on the road: Using EAST to explore future road transportation systems. Applied Ergonomics, 2018, 68, 258-266.	1.7	28
118	Challenging conventional rural rail level crossing design: Evaluating three new systems thinking-based designs in a driving simulator. Safety Science, 2018, 110, 100-114.	2.6	15
119	Go Deeper, Go Deeper: Understanding submarine command and control during the completion of dived tracking operations. Applied Ergonomics, 2018, 69, 162-175.	1.7	15
120	STAMP goes EAST: Integrating systems ergonomics methods for the analysis of railway level crossing safety management. Safety Science, 2018, 110, 31-46.	2.6	33
121	A prospective risk assessment of informal carers'™ medication administration errors within the domiciliary setting. Ergonomics, 2018, 61, 104-121.	1.1	18
122	Examining Social, Information, and Task Networks in Submarine Command and Control. IEEE Transactions on Human-Machine Systems, 2018, 48, 252-265.	2.5	26
123	State of Science: ergonomics and global issues. Ergonomics, 2018, 61, 197-213.	1.1	76
124	Is partially automated driving a bad idea? Observations from an on-road study. Applied Ergonomics, 2018, 68, 138-145.	1.7	165
125	Mental model interface design: putting users in control of home heating. Building Research and Information, 2018, 46, 251-271.	2.0	12
126	What technologies do people engage with while driving and why?. Accident Analysis and Prevention, 2018, 111, 222-237.	3.0	8

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127	Creating the environment for driver distraction: A thematic framework of sociotechnical factors. <i>Applied Ergonomics</i> , 2018, 68, 213-228.	1.7	7
128	Head-up displays assist helicopter pilots landing in degraded visual environments. <i>Theoretical Issues in Ergonomics Science</i> , 2018, 19, 513-529.	1.0	4
129	Expanding healthcare failure mode and effect analysis: A composite proactive risk analysis approach. <i>Reliability Engineering and System Safety</i> , 2018, 169, 117-126.	5.1	66
130	Driver Modeling and Implementation of a Fuel-Saving ADAS. , 2018, , .		14
131	Fuel Economy and Naturalistic Driving for Passenger Road Vehicles. , 2018, , .		2
132	Neonatal nasogastric tube feeding in a low-resource African setting – using ergonomics methods to explore quality and safety issues in task sharing. <i>BMC Nursing</i> , 2018, 17, 46.	0.9	7
133	The Dark Side Of The Net: Event Analysis Of Systemic Teamwork (East) Applied To Illicit Trading On A Darknet Market. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018, 62, 282-286.	0.2	6
134	Naturalistic decision making: navigating uncertainty in complex sociotechnical work. <i>Cognition, Technology and Work</i> , 2018, 20, 521-527.	1.7	9
135	A toolbox for automated driving on the STISIM driving simulator. <i>MethodsX</i> , 2018, 5, 1073-1088.	0.7	8
136	Good intentions: drivers' decisions to engage with technology on the road and in a driving simulator. <i>Cognition, Technology and Work</i> , 2018, 20, 597-619.	1.7	6
137	The impact of texting on driver behaviour at rail level crossings. <i>Accident Analysis and Prevention</i> , 2018, 118, 269-276.	3.0	15
138	Effects of mental demands on situation awareness during platooning: A driving simulator study. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2018, 58, 193-209.	1.8	30
139	The System Theoretic Accident Modelling and Process (STAMP) of medical pilot knock-out events: Pilot incapacitation and homicide-suicide. <i>Safety Science</i> , 2018, 110, 58-71.	2.6	16
140	How are laser attacks encountered in commercial aviation? A hazard analysis based on systems theory. <i>Safety Science</i> , 2018, 110, 178-191.	2.6	22
141	Human Factors and Ergonomics in Interactions with Sustainable Appliances and Devices. , 2018, , 111-133.		0
142	Individual latent error detection: Simply stop, look and listen. <i>Safety Science</i> , 2018, 101, 305-312.	2.6	5
143	Assessing Sonar and Target Motion Analysis Stations in a Submarine Control Room Using Cognitive Work Analysis. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 191-198.	0.5	0
144	Macro-cognition in submarine command and control: A comparison of three simulated operational scenarios.. <i>Journal of Applied Research in Memory and Cognition</i> , 2018, 7, 92-105.	0.7	8

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145	Fitting methods to paradigms: are ergonomics methods fit for systems thinking?. <i>Ergonomics</i> , 2017, 60, 194-205.	1.1	112
146	When energy saving advice leads to more, rather than less, consumption. <i>International Journal of Sustainable Energy</i> , 2017, 36, 1-19.	1.3	16
147	Quantitative modelling in cognitive ergonomics: predicting signals passed at danger. <i>Ergonomics</i> , 2017, 60, 206-220.	1.1	15
148	State-of-science: situation awareness in individuals, teams and systems. <i>Ergonomics</i> , 2017, 60, 449-466.	1.1	164
149	Whatâ€™s the law got to do with it? Legislation regarding in-vehicle technology use and its impact on driver distraction. <i>Accident Analysis and Prevention</i> , 2017, 100, 1-14.	3.0	59
150	Takeover Time in Highly Automated Vehicles: Noncritical Transitions to and From Manual Control. <i>Human Factors</i> , 2017, 59, 689-705.	2.1	444
151	Good vibrations: Using a haptic accelerator pedal to encourage eco-driving. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2017, 46, 34-46.	1.8	14
152	Ergonomics and Human Factors in Aviation. <i>Ergonomics</i> , 2017, 60, 150-150.	1.1	1
153	Editorial New paradigms in ergonomics. <i>Ergonomics</i> , 2017, 60, 151-156.	1.1	6
154	The chatty co-driver: A linguistics approach applying lessons learnt from aviation incidents. <i>Safety Science</i> , 2017, 99, 94-101.	2.6	17
155	Transition to manual: Comparing simulator with on-road control transitions. <i>Accident Analysis and Prevention</i> , 2017, 102, 227-234.	3.0	99
156	Applying Ecological Interface Design principles to the design of rural highway-rail grade crossing infrastructure. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2017, 61, 1887-1891.	0.2	3
157	Land Ahoy! Understanding Submarine Command and Control During the Completion of Inshore Operations. <i>Human Factors</i> , 2017, 59, 1263-1288.	2.1	21
158	Driving Performance After Self-Regulated Control Transitions in Highly Automated Vehicles. <i>Human Factors</i> , 2017, 59, 1233-1248.	2.1	61
159	To stop or not to stop: Contrasting compliant and non-compliant driver behaviour at rural rail level crossings. <i>Accident Analysis and Prevention</i> , 2017, 108, 209-219.	3.0	23
160	Editorial: Learning from Incidents. <i>Safety Science</i> , 2017, 99, 1-4.	2.6	6
161	Up periscope: understanding submarine command and control teamwork during a simulated return to periscope depth. <i>Cognition, Technology and Work</i> , 2017, 19, 399-417.	1.7	23
162	Systems Theoretic Accident Model and Process (STAMP) safety modelling applied to an aircraft rapid decompression event. <i>Safety Science</i> , 2017, 98, 159-166.	2.6	71

#	ARTICLE	IF	CITATIONS
163	What Drives Ecodriving? Hybrid Electric Vehicle Driversâ€™ Goals and Motivations to Perform Energy Efficient Driving Behaviors. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 451-461.	0.5	5
164	Quantum ergonomics: shifting the paradigm of the systems agenda. <i>Ergonomics</i> , 2017, 60, 157-166.	1.1	39
165	What do people know about eco-driving?. <i>Ergonomics</i> , 2017, 60, 754-769.	1.1	19
166	The development of the Schema-Action-World (SAW) taxonomy for understanding decision making in aeronautical critical incidents. <i>Safety Science</i> , 2017, 99, 23-35.	2.6	12
167	Beyond human error taxonomies in assessment of risk in sociotechnical systems: a new paradigm with the EAST â€˜broken-linksâ€™ approach. <i>Ergonomics</i> , 2017, 60, 221-233.	1.1	79
168	Research and development agenda for Learning from Incidents. <i>Safety Science</i> , 2017, 99, 5-13.	2.6	22
169	Encouraging Eco-Driving With Visual, Auditory, and Vibrotactile Stimuli. <i>IEEE Transactions on Human-Machine Systems</i> , 2017, 47, 661-672.	2.5	27
170	The Command Team Experimental Test-Bed Phase Two: Assessing Cognitive Load and Situation Awareness in a Submarine Control Room. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 427-437.	0.5	4
171	The Unknown Paradox of â€œStop the Crashâ€•Systems: Are We Really Improving Driver Safety?. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 525-533.	0.5	1
172	Effects of platooning on signal-detection performance, workload, and stress: A driving simulator study. <i>Applied Ergonomics</i> , 2017, 60, 116-127.	1.7	52
173	Latent error detection: A golden two hours for detection. <i>Applied Ergonomics</i> , 2017, 59, 104-113.	1.7	3
174	Modelling and Energy Management of Parallel Hybrid Electric Vehicle with Air Conditioning System. , 2017, , .		1
175	How Do Hybrid Electric Vehicle Drivers Acquire Ecodriving Strategy Knowledge?. <i>Lecture Notes in Computer Science</i> , 2017, , 363-374.	1.0	0
176	Evaluation of Novel Urban Rail Level Crossing Designs Using Driving Simulation. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2016, 60, 1921-1925.	0.2	1
177	The Quick Association Check (QuAck): a resource-light, â€˜bias robustâ€™ method for exploring the relationship between mental models and behaviour patterns with home heating systems. <i>Theoretical Issues in Ergonomics Science</i> , 2016, 17, 554-587.	1.0	3
178	Representing distributed cognition in socio-technical systems. <i>IFAC-PapersOnLine</i> , 2016, 49, 212-215.	0.5	3
179	Using the decision ladder to understand road user decision making at actively controlled rail level crossings. <i>Applied Ergonomics</i> , 2016, 56, 1-10.	1.7	23
180	Mind the gap â€œ Deriving a compatible user mental model of the home heating system to encourage sustainable behaviour. <i>Applied Ergonomics</i> , 2016, 57, 48-61.	1.7	20

#	ARTICLE	IF	CITATIONS
181	The development of the Schema World Action Research Method (SWARM) for the elicitation of perceptual cycle data. <i>Theoretical Issues in Ergonomics Science</i> , 2016, 17, 376-401.	1.0	17
182	New graphical and text-based notations for representing task decomposition hierarchies: towards improving the usability of an Ergonomics method. <i>Theoretical Issues in Ergonomics Science</i> , 2016, 17, 588-606.	1.0	4
183	Exploring the mechanisms of distraction from in-vehicle technology: The development of the PARRC model. <i>Safety Science</i> , 2016, 87, 25-37.	2.6	24
184	Distributed cognition in Search and Rescue: loosely coupled tasks and tightly coupled roles. <i>Ergonomics</i> , 2016, 59, 1353-1376.	1.1	19
185	Walking the line: Understanding pedestrian behaviour and risk at rail level crossings with cognitive work analysis. <i>Applied Ergonomics</i> , 2016, 53, 209-227.	1.7	36
186	Applying the prompt questions from the Cognitive Work Analysis Design Toolkit: a demonstration in rail level crossing design. <i>Theoretical Issues in Ergonomics Science</i> , 2016, 17, 354-375.	1.0	7
187	On the reliability and validity of, and training in, ergonomics methods: a challenge revisited. <i>Theoretical Issues in Ergonomics Science</i> , 2016, 17, 345-353.	1.0	41
188	Trust in vehicle technology. <i>International Journal of Vehicle Design</i> , 2016, 70, 157.	0.1	51
189	Ecodriving in hybrid electric vehicles – Exploring challenges for user-energy interaction. <i>Applied Ergonomics</i> , 2016, 55, 33-45.	1.7	38
190	Driver-centred vehicle automation: using network analysis for agent-based modelling of the driver in highly automated driving systems. <i>Ergonomics</i> , 2016, 59, 1442-1452.	1.1	17
191	Inter-rater reliability and content validity of network analysis as a method for measuring distributed situation awareness. <i>Theoretical Issues in Ergonomics Science</i> , 2016, 17, 42-63.	1.0	2
192	Keeping it together: The role of transactional situation awareness in team performance. <i>International Journal of Industrial Ergonomics</i> , 2016, 53, 267-273.	1.5	25
193	Distributed situation awareness. <i>Theoretical Issues in Ergonomics Science</i> , 2016, 17, 1-7.	1.0	50
194	The future flight deck: Modelling dual, single and distributed crewing options. <i>Applied Ergonomics</i> , 2016, 53, 331-342.	1.7	66
195	Psychological constructs in driving automation: a consensus model and critical comment on construct proliferation. <i>Theoretical Issues in Ergonomics Science</i> , 2016, 17, 284-303.	1.0	35
196	Pilot error versus sociotechnical systems failure: a distributed situation awareness analysis of Air France 447. <i>Theoretical Issues in Ergonomics Science</i> , 2016, 17, 64-79.	1.0	80
197	Variability in decision-making and critical cue use by different road users at rail level crossings. <i>Ergonomics</i> , 2016, 59, 754-766.	1.1	10
198	More than meets the eye: Using cognitive work analysis to identify design requirements for future rail level crossing systems. <i>Applied Ergonomics</i> , 2016, 53, 312-322.	1.7	50

#	ARTICLE	IF	CITATIONS
199	Keep the driver in control: Automating automobiles of the future. <i>Applied Ergonomics</i> , 2016, 53, 389-395.	1.7	115
200	Extending helicopter operations to meet future integrated transportation needs. <i>Applied Ergonomics</i> , 2016, 53, 364-373.	1.7	17
201	When Communication Breaks Down or What was that? "The Importance of Communication for Successful Coordination in Complex Systems. <i>Procedia Manufacturing</i> , 2015, 3, 2418-2425.	1.9	7
202	Beyond the Crossing: A Cognitive Work Analysis of Rail Level Crossing Systems. <i>Procedia Manufacturing</i> , 2015, 3, 2921-2928.	1.9	5
203	Identifying the Importance of Perceptual Cycle Concepts during Critical Decision making in the Cockpit. <i>Procedia Manufacturing</i> , 2015, 3, 2410-2417.	1.9	3
204	Discovering Driver-vehicle Coordination Problems in Future Automated Control Systems: Evidence from Verbal Commentaries. <i>Procedia Manufacturing</i> , 2015, 3, 2497-2504.	1.9	11
205	Defining the methodological challenges and opportunities for an effective science of sociotechnical systems and safety. <i>Ergonomics</i> , 2015, 58, 565-599.	1.1	123
206	Investigating Performance of Command Team Structures in the NATO Problem-Approach Space. <i>IEEE Transactions on Human-Machine Systems</i> , 2015, 45, 702-713.	2.5	13
207	Encouraging Eco-driving with Multi-sensory Information. <i>Procedia Manufacturing</i> , 2015, 3, 2474-2481.	1.9	0
208	Let the Reader Decide. <i>Journal of Cognitive Engineering and Decision Making</i> , 2015, 9, 44-50.	0.9	72
209	The concept of risk situation awareness provision: Towards a new approach for assessing the DSA about the threats and vulnerabilities of complex socio-technical systems. <i>Safety Science</i> , 2015, 79, 126-138.	2.6	29
210	Combining network analysis with Cognitive Work Analysis: insights into social organisational and cooperation analysis. <i>Ergonomics</i> , 2015, 58, 434-449.	1.1	20
211	Where do novice and experienced drivers direct their attention on approach to urban rail level crossings?. <i>Accident Analysis and Prevention</i> , 2015, 77, 1-11.	3.0	30
212	Broken components versus broken systems: why it is systems not people that lose situation awareness. <i>Cognition, Technology and Work</i> , 2015, 17, 179-183.	1.7	43
213	Ecological Interface Design Two Decades On: Whatever Happened to the SRK Taxonomy?. <i>IEEE Transactions on Human-Machine Systems</i> , 2015, 45, 145-163.	2.5	43
214	Divide and rule: A qualitative analysis of the debriefing process in elite team sports. <i>Applied Ergonomics</i> , 2015, 51, 30-38.	1.7	17
215	Individual latent error detection: is there a time and a place for the recall of past errors?. <i>Theoretical Issues in Ergonomics Science</i> , 2015, 16, 533-552.	1.0	2
216	A decision ladder analysis of eco-driving: the first step towards fuel-efficient driving behaviour. <i>Ergonomics</i> , 2015, 58, 866-882.	1.1	23

#	ARTICLE	IF	CITATIONS
217	Exploring compatible and incompatible transactions in teams. <i>Cognition, Technology and Work</i> , 2015, 17, 367-380.	1.7	10
218	Contrasting models of driver behaviour in emergencies using retrospective verbalisations and network analysis. <i>Ergonomics</i> , 2015, 58, 1337-1346.	1.1	15
219	A quarter of a century of the DBQ: some supplementary notes on its validity with regard to accidents. <i>Ergonomics</i> , 2015, 58, 1745-1769.	1.1	56
220	Spot the difference: Operational event sequence diagrams as a formal method for work allocation in the development of single-pilot operations for commercial aircraft. <i>Ergonomics</i> , 2015, 58, 1773-1791.	1.1	32
221	Investigating information-processing performance of different command team structures in the NATO Problem Space. <i>Ergonomics</i> , 2015, 58, 2078-2100.	1.1	9
222	The process of processing: exploring the validity of Neisser's perceptual cycle model with accounts from critical decision-making in the cockpit. <i>Ergonomics</i> , 2015, 58, 909-923.	1.1	32
223	Designing sociotechnical systems with cognitive work analysis: putting theory back into practice. <i>Ergonomics</i> , 2015, 58, 822-851.	1.1	70
224	Assessing the "system"™ in safe systems-based road designs: Using cognitive work analysis to evaluate intersection designs. <i>Accident Analysis and Prevention</i> , 2015, 74, 324-338.	3.0	22
225	The Development of a Method to Assess the Effects of Traffic Situation and Time Pressure on Driver Information Preferences. <i>Lecture Notes in Computer Science</i> , 2015, , 3-12.	1.0	7
226	What the Death Star Can Tell Us About System Safety. <i>Lecture Notes in Computer Science</i> , 2015, , 297-306.	1.0	1
227	Refining the perceptual cycle model to explore aeronautical decision making. , 2014, , .		1
228	Using the Event Analysis of Systemic Teamwork (EAST) to explore conflicts between different road user groups when making right hand turns at urban intersections. <i>Ergonomics</i> , 2014, 57, 1628-1642.	1.1	37
229	Effects of adaptive cruise control and highly automated driving on workload and situation awareness: A review of the empirical evidence. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2014, 27, 196-217.	1.8	511
230	Exploring schema-driven differences in situation awareness between road users: an on-road study of driver, cyclist and motorcyclist situation awareness. <i>Ergonomics</i> , 2014, 57, 191-209.	1.1	76
231	Case studies of mental models in home heat control: Searching for feedback, valve, timer and switch theories. <i>Applied Ergonomics</i> , 2014, 45, 363-378.	1.7	36
232	How a submarine returns to periscope depth: Analysing complex socio-technical systems using Cognitive Work Analysis. <i>Applied Ergonomics</i> , 2014, 45, 110-125.	1.7	64
233	Sub-systems on the road to vehicle automation: Hands and feet free but not "mind"™ free driving. <i>Safety Science</i> , 2014, 62, 505-514.	2.6	77
234	Representing distributed cognition in complex systems: how a submarine returns to periscope depth. <i>Ergonomics</i> , 2014, 57, 403-418.	1.1	110

#	ARTICLE	IF	CITATIONS
235	Beyond human-centred automation – concepts for human-machine interaction in multi-layered networks. <i>Ergonomics</i> , 2014, 57, 289-294.	1.1	44
236	Safety in System-of-Systems: Ten key challenges. <i>Safety Science</i> , 2014, 70, 358-366.	2.6	46
237	All for one and one for all: Representing teams as a collection of individuals and an individual collective using a network perceptual cycle approach. <i>International Journal of Industrial Ergonomics</i> , 2014, 44, 777-792.	1.5	15
238	Getting drivers to do the right thing: a review of the potential for safely reducing energy consumption through design. <i>IET Intelligent Transport Systems</i> , 2014, 8, 388-397.	1.7	21
239	Commentary on the paper by Heimrich Kanis entitled “Reliability and validity of findings in ergonomics research”: where is the methodology in ergonomics methods?. <i>Theoretical Issues in Ergonomics Science</i> , 2014, 15, 55-61.	1.0	16
240	What the drivers do and do not tell you: using verbal protocol analysis to investigate driver behaviour in emergency situations. <i>Ergonomics</i> , 2014, 57, 332-342.	1.1	30
241	Do the coach and athlete have the same “picture” of the situation? Distributed Situation Awareness in an elite sport context. <i>Applied Ergonomics</i> , 2014, 45, 724-733.	1.7	29
242	Human performance under two different command and control paradigms. <i>Applied Ergonomics</i> , 2014, 45, 706-713.	1.7	3
243	Validating the Strategies Analysis Diagram: Assessing the reliability and validity of a formative method. <i>Applied Ergonomics</i> , 2014, 45, 1484-1494.	1.7	22
244	Modelling and analysis of single pilot operations in commercial aviation. , 2014, , .		8
245	The explanatory power of Schema Theory: theoretical foundations and future applications in Ergonomics. <i>Ergonomics</i> , 2013, 56, 1-15.	1.1	61
246	Self Explaining Roads and situation awareness. <i>Safety Science</i> , 2013, 56, 18-28.	2.6	33
247	Great expectations: A thematic analysis of situation awareness in fratricide. <i>Safety Science</i> , 2013, 56, 63-71.	2.6	29
248	The crash at Kerang: Investigating systemic and psychological factors leading to unintentional non-compliance at rail level crossings. <i>Accident Analysis and Prevention</i> , 2013, 50, 1278-1288.	3.0	128
249	Using cognitive work analysis and the strategies analysis diagram to understand variability in road user behaviour at intersections. <i>Ergonomics</i> , 2013, 56, 764-780.	1.1	43
250	Sustainability, transport and design. , 2013, , .		6
251	What the crash dummies don't tell you: The interaction between driver and automation in emergency situations. , 2013, , .		7
252	Following the cognitive work analysis train of thought: exploring the constraints of modal shift to rail transport. <i>Ergonomics</i> , 2013, 56, 522-540.	1.1	43

#	ARTICLE	IF	CITATIONS
253	To twist, roll, stroke or poke? A study of input devices for menu navigation in the cockpit. <i>Ergonomics</i> , 2013, 56, 590-611.	1.1	28
254	What is on your mind? Using the perceptual cycle model and critical decision method to understand the decision-making process in the cockpit. <i>Ergonomics</i> , 2013, 56, 1232-1250.	1.1	51
255	Modelling the hare and the tortoise: predicting the range of in-vehicle task times using critical path analysis. <i>Ergonomics</i> , 2013, 56, 16-33.	1.1	9
256	Using social network analysis and agent-based modelling to explore information flow using common operational pictures for maritime search and rescue operations. <i>Ergonomics</i> , 2013, 56, 889-905.	1.1	61
257	Exploring Design Patterns for Sustainable Behaviour. <i>Design Journal</i> , 2013, 16, 431-459.	0.5	32
258	Actualising a Safe Transport System through a Human Factors Systems Approach. <i>Lecture Notes in Computer Science</i> , 2013, , 29-35.	1.0	1
259	Designing mission communication planning: the role of Rich Pictures and Cognitive Work Analysis. <i>Theoretical Issues in Ergonomics Science</i> , 2012, 13, 146-168.	1.0	22
260	Situation awareness on the road: review, theoretical and methodological issues, and future directions. <i>Theoretical Issues in Ergonomics Science</i> , 2012, 13, 472-492.	1.0	73
261	What are they doing: testing a structured cognitive work analysis-based approach for identifying different road user strategies. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2012, 56, 363-367.	0.2	0
262	Models of the user: designers' perspectives on influencing sustainable behaviour. <i>Journal of Design Research</i> , 2012, 10, 7.	0.1	41
263	Specifying the requirements for requirements specification: the case for Work Domain and Worker Competencies Analyses. <i>Theoretical Issues in Ergonomics Science</i> , 2012, 13, 450-471.	1.0	7
264	Communications and cohesion: a comparison between two command and control paradigms. <i>Theoretical Issues in Ergonomics Science</i> , 2012, 13, 508-527.	1.0	7
265	Models of models: filtering and bias rings in depiction of knowledge structures and their implications for design. <i>Ergonomics</i> , 2012, 55, 1073-1092.	1.1	27
266	Cognitive Work Analysis for safe and efficient driving. <i>Theoretical Issues in Ergonomics Science</i> , 2012, 13, 430-449.	1.0	35
267	Road transport in drift? Applying contemporary systems thinking to road safety. <i>Safety Science</i> , 2012, 50, 1829-1838.	2.6	120
268	Developing expertise in military communications planning: do verbal reports change with experience?. <i>Behaviour and Information Technology</i> , 2012, 31, 617-629.	2.5	7
269	It's a small world after all: contrasting hierarchical and edge networks in a simulated intelligence analysis task. <i>Ergonomics</i> , 2012, 55, 265-281.	1.1	27
270	Why did the pilots shut down the wrong engine? Explaining errors in context using Schema Theory and the Perceptual Cycle Model. <i>Safety Science</i> , 2012, 50, 300-315.	2.6	78

#	ARTICLE	IF	CITATIONS
271	Human Factors Engineering as the Methodological Babel Fish: Translating User Needs into Software Design. Lecture Notes in Computer Science, 2012, , 1-17.	1.0	0
272	Using work domain analysis to evaluate the impact of technological change on the performance of complex socio-technical systems. Theoretical Issues in Ergonomics Science, 2011, 12, 1-14.	1.0	28
273	Context of use as a factor in determining the usability of in-vehicle devices. Theoretical Issues in Ergonomics Science, 2011, 12, 318-338.	1.0	24
274	What could they have been thinking? How sociotechnical system design influences cognition: a case study of the Stockwell shooting. Ergonomics, 2011, 54, 103-119.	1.1	22
275	Is SA shared or distributed in team work? An exploratory study in an intelligence analysis task. International Journal of Industrial Ergonomics, 2011, 41, 677-687.	1.5	21
276	Observing the observer: non-intrusive verbalisations using the Concurrent Observer Narrative Technique. Cognition, Technology and Work, 2011, 13, 135-149.	1.7	5
277	Cognitive compatibility of motorcyclists and car drivers. Accident Analysis and Prevention, 2011, 43, 878-888.	3.0	82
278	Exploring the psychological factors involved in the Ladbroke Grove rail accident. Accident Analysis and Prevention, 2011, 43, 1117-1127.	3.0	74
279	Safe driving in a green world: A review of driver performance benchmarks and technologies to support "smart" driving. Applied Ergonomics, 2011, 42, 533-539.	1.7	131
280	Planes, trains and automobiles: Contemporary ergonomics research in transportation safety. Applied Ergonomics, 2011, 42, 529-532.	1.7	10
281	Getting past first base: Going all the way with Cognitive Work Analysis. Applied Ergonomics, 2011, 42, 358-370.	1.7	37
282	Detection of new in-path targets by drivers using Stop & Go Adaptive Cruise Control. Applied Ergonomics, 2011, 42, 592-601.	1.7	58
283	A usability evaluation toolkit for In-Vehicle Information Systems (IVISs). Applied Ergonomics, 2011, 42, 563-574.	1.7	50
284	A formative approach to developing synthetic environment fidelity requirements for decision-making training. Applied Ergonomics, 2011, 42, 757-769.	1.7	16
285	To twist or poke? A method for identifying usability issues with the rotary controller and touch screen for control of in-vehicle information systems. Ergonomics, 2011, 54, 609-625.	1.1	41
286	Back to SA school: contrasting three approaches to situation awareness in the cockpit. Theoretical Issues in Ergonomics Science, 2011, 12, 451-471.	1.0	36
287	In-Vehicle Information Systems to Meet the Needs of Drivers. International Journal of Human-Computer Interaction, 2011, 27, 505-522.	3.3	52
288	Back to SA school: contrasting three approaches to situation awareness in the cockpit. Theoretical Issues in Ergonomics Science, 2011, 12, 510-513.	1.0	1

#	ARTICLE	IF	CITATIONS
289	Cognitive Compatibility of Motorcyclists and Drivers. Lecture Notes in Computer Science, 2011, , 214-222.	1.0	0
290	Distributed Decision Making in Multihelicopter Teams: Case Study of Mission Planning and Execution from a Noncombatant Evacuation Operation Training Scenario. Journal of Cognitive Engineering and Decision Making, 2010, 4, 328-353.	0.9	12
291	Same or different? Generalising from novices to experts in military command and control studies. International Journal of Industrial Ergonomics, 2010, 40, 473-483.	1.5	16
292	The Design with Intent Method: A design tool for influencing user behaviour. Applied Ergonomics, 2010, 41, 382-392.	1.7	304
293	Managing error on the open road: The contribution of human error models and methods. Safety Science, 2010, 48, 1225-1235.	2.6	59
294	Editorial: Explorations Into Naturalistic Decision Making With Computers. International Journal of Human-Computer Interaction, 2010, 26, 99-107.	3.3	7
295	Is it really better to share? Distributed situation awareness and its implications for collaborative system design. Theoretical Issues in Ergonomics Science, 2010, 11, 58-83.	1.0	40
296	Situation awareness: where have we been, where are we now and where are we going?. Theoretical Issues in Ergonomics Science, 2010, 11, 1-6.	1.0	18
297	The famous five factors in teamwork: a case study of fratricide. Ergonomics, 2010, 53, 1187-1204.	1.1	42
298	Aviation as a system of systems: Preface to the special issue of human factors in aviation. Ergonomics, 2010, 53, 145-148.	1.1	40
299	Is situation awareness all in the mind?. Theoretical Issues in Ergonomics Science, 2010, 11, 29-40.	1.0	102
300	From ethnography to the EAST method: A tractable approach for representing distributed cognition in Air Traffic Control. Ergonomics, 2010, 53, 184-197.	1.1	67
301	A new approach for designing cognitive artefacts to support disaster management. Ergonomics, 2010, 53, 617-635.	1.1	36
302	Translating concepts of complexity to the field of ergonomics. Ergonomics, 2010, 53, 1175-1186.	1.1	94
303	Using the Decision-Ladder to Add a Formative Element to Naturalistic Decision-Making Research. International Journal of Human-Computer Interaction, 2010, 26, 132-146.	3.3	30
304	Investigating accident causation through information network modelling. Ergonomics, 2010, 53, 198-210.	1.1	33
305	Decisions, Decisions and Even More Decisions: Evaluation of a Digitized Mission Support System in the Land Warfare Domain. International Journal of Human-Computer Interaction, 2010, 26, 206-227.	3.3	3
306	A systemic approach to accident analysis: A case study of the Stockwell shooting. Ergonomics, 2010, 53, 1-17.	1.1	61

#	ARTICLE	IF	CITATIONS
307	From the 6 Ps of Planning to the 4 Ds of Digitization: Difficulties, Dilemmas, and Defective Decision Making. <i>International Journal of Human-Computer Interaction</i> , 2010, 26, 173-188.	3.3	8
308	Genotype and phenotype schemata and their role in distributed situation awareness in collaborative systems. <i>Theoretical Issues in Ergonomics Science</i> , 2009, 10, 43-68.	1.0	85
309	Influencing interaction. , 2009, , .		24
310	From telephones to iPhones: Applying systems thinking to networked, interoperable products. <i>Applied Ergonomics</i> , 2009, 40, 206-215.	1.7	27
311	An evolutionary approach to network enabled capability. <i>International Journal of Industrial Ergonomics</i> , 2009, 39, 303-312.	1.5	5
312	Genotype and phenotype schemata as models of situation awareness in dynamic command and control teams. <i>International Journal of Industrial Ergonomics</i> , 2009, 39, 480-489.	1.5	34
313	Human error taxonomies applied to driving: A generic driver error taxonomy and its implications for intelligent transport systems. <i>Safety Science</i> , 2009, 47, 227-237.	2.6	239
314	Does advanced driver training improve situational awareness?. <i>Applied Ergonomics</i> , 2009, 40, 678-687.	1.7	72
315	Measuring Situation Awareness in complex systems: Comparison of measures study. <i>International Journal of Industrial Ergonomics</i> , 2009, 39, 490-500.	1.5	245
316	How can we support the commander's involvement in the planning process? An exploratory study into remote and co-located command planning. <i>International Journal of Industrial Ergonomics</i> , 2009, 39, 456-464.	1.5	10
317	Using an integrated methods approach to analyse the emergent properties of military command and control. <i>Applied Ergonomics</i> , 2009, 40, 636-647.	1.7	27
318	Predicting pilot error: Testing a new methodology and a multi-methods and analysts approach. <i>Applied Ergonomics</i> , 2009, 40, 464-471.	1.7	84
319	Conflicts of interest: The implications of roadside advertising for driver attention. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2009, 12, 381-388.	1.8	75
320	Minkowski spaces as models of human-machine communication. <i>Theoretical Issues in Ergonomics Science</i> , 2009, 10, 315-334.	1.0	6
321	Design for Smart Driving: A Tale of Two Interfaces. <i>Lecture Notes in Computer Science</i> , 2009, , 477-485.	1.0	4
322	Distributed situation awareness in an Airborne Warning and Control System: application of novel ergonomics methodology. <i>Cognition, Technology and Work</i> , 2008, 10, 221-229.	1.7	48
323	Where do we go from here? An assessment of navigation performance using a compass versus a GPS unit. <i>Cognition, Technology and Work</i> , 2008, 10, 231-236.	1.7	10
324	Development of a generic activities model of command and control. <i>Cognition, Technology and Work</i> , 2008, 10, 209-220.	1.7	9

#	ARTICLE	IF	CITATIONS
325	WESTT (workload, error, situational awareness, time and teamwork): an analytical prototyping system for command and control. <i>Cognition, Technology and Work</i> , 2008, 10, 199-207.	1.7	20
326	Crash dieting: The effects of eating and drinking on driving performance. <i>Accident Analysis and Prevention</i> , 2008, 40, 142-148.	3.0	45
327	Applying cognitive work analysis to the design of rapidly reconfigurable interfaces in complex networks. <i>Theoretical Issues in Ergonomics Science</i> , 2008, 9, 273-295.	1.0	30
328	What really is going on? Review of situation awareness models for individuals and teams. <i>Theoretical Issues in Ergonomics Science</i> , 2008, 9, 297-323.	1.0	271
329	Feedback and driver situation awareness (SA): A comparison of SA measures and contexts. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2008, 11, 282-299.	1.8	38
330	Representing situation awareness in collaborative systems: A case study in the energy distribution domain. <i>Ergonomics</i> , 2008, 51, 367-384.	1.1	82
331	Modelling of human alarm handling response times: a case study of the Ladbroke Grove rail accident in the UK. <i>Ergonomics</i> , 2008, 51, 423-440.	1.1	34
332	Using cognitive work analysis to explore activity allocation within military domains. <i>Ergonomics</i> , 2008, 51, 798-815.	1.1	72
333	Commenting on the commentators: what would Bartlett have made of the future past?. <i>Ergonomics</i> , 2008, 51, 76-84.	1.1	5
334	Using Work Domain Analysis to Evaluate the Impact of Digitization on Command and Control. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2008, 52, 438-442.	0.2	0
335	A review of sociotechnical systems theory: a classic concept for new command and control paradigms. <i>Theoretical Issues in Ergonomics Science</i> , 2008, 9, 479-499.	1.0	222
336	Bartlett and the future of ergonomics. <i>Ergonomics</i> , 2008, 51, 1-13.	1.1	24
337	Measuring situation awareness in command and control. , 2007, , .		5
338	What's happened to car design? An exploratory study into the effect of 15 years of progress on driver situation awareness. <i>International Journal of Vehicle Design</i> , 2007, 45, 266.	0.1	8
339	Changing drivers' minds: the evaluation of an advanced driver coaching system. <i>Ergonomics</i> , 2007, 50, 1209-1234.	1.1	73
340	Miles away: determining the extent of secondary task interference on simulated driving. <i>Theoretical Issues in Ergonomics Science</i> , 2007, 8, 233-253.	1.0	9
341	The psychology of driving automation: a discussion with Professor Don Norman. <i>International Journal of Vehicle Design</i> , 2007, 45, 289.	0.1	30
342	Easy rider meets knight rider: an on-road exploratory study of situation awareness in car drivers and motorcyclists. <i>International Journal of Vehicle Design</i> , 2007, 45, 307.	0.1	7

#	ARTICLE	IF	CITATIONS
343	Designer driving: drivers' conceptual models and level of trust in adaptive cruise control. <i>International Journal of Vehicle Design</i> , 2007, 45, 339.	0.1	54
344	A new approach to designing lateral collision warning systems. <i>International Journal of Vehicle Design</i> , 2007, 45, 379.	0.1	23
345	Work domain analysis and intelligent transport systems: implications for vehicle design. <i>International Journal of Vehicle Design</i> , 2007, 45, 426.	0.1	22
346	Driving automation: learning from aviation about design philosophies. <i>International Journal of Vehicle Design</i> , 2007, 45, 323.	0.1	87
347	What's skill got to do with it? Vehicle automation and driver mental workload. <i>Ergonomics</i> , 2007, 50, 1324-1339.	1.1	114
348	Back to the future: Brake reaction times for manual and automated vehicles. <i>Ergonomics</i> , 2007, 50, 46-58.	1.1	136
349	Event analysis of systemic teamwork (EAST): a novel integration of ergonomics methods to analyse C4i activity. <i>Ergonomics</i> , 2006, 49, 1345-1369.	1.1	101
350	Distributed situation awareness in dynamic systems: theoretical development and application of an ergonomics methodology. <i>Ergonomics</i> , 2006, 49, 1288-1311.	1.1	370
351	Command and control in emergency services operations: a social network analysis. <i>Ergonomics</i> , 2006, 49, 1204-1225.	1.1	130
352	The ergonomics of command and control. <i>Ergonomics</i> , 2006, 49, 1131-1138.	1.1	21
353	In loco intelligentia: human factors for the future European train driver. <i>International Journal of Industrial and Systems Engineering</i> , 2006, 1, 485.	0.1	9
354	Predicting design induced pilot error using HET (human error template) – A new formal human error identification method for flight decks. <i>Aeronautical Journal</i> , 2006, 110, 107-115.	1.1	34
355	Hierarchical task analysis: Developments, applications, and extensions. <i>Applied Ergonomics</i> , 2006, 37, 55-79.	1.7	430
356	Applying hierarchical task analysis to medication administration errors. <i>Applied Ergonomics</i> , 2006, 37, 669-679.	1.7	155
357	The ironies of vehicle feedback in car design. <i>Ergonomics</i> , 2006, 49, 161-179.	1.1	71
358	Using SHERPA to predict design-induced error on the flight deck. <i>Aerospace Science and Technology</i> , 2005, 9, 525-532.	2.5	89
359	Driver behaviour with adaptive cruise control. <i>Ergonomics</i> , 2005, 48, 1294-1313.	1.1	241
360	Validating task analysis for error identification: reliability and validity of a human error prediction technique. <i>Ergonomics</i> , 2005, 48, 1097-1113.	1.1	41

#	ARTICLE	IF	CITATIONS
361	Taking the load off: investigations of how adaptive cruise control affects mental workload. <i>Ergonomics</i> , 2004, 47, 1014-1035.	1.1	76
362	On the cost-effectiveness of ergonomics. <i>Applied Ergonomics</i> , 2003, 34, 407-411.	1.7	14
363	Giving ergonomics away? The application of ergonomics methods by novices. <i>Applied Ergonomics</i> , 2003, 34, 479-490.	1.7	83
364	Virtuality in human supervisory control: assessing the effects of psychological and social remoteness. <i>Ergonomics</i> , 2003, 46, 1215-1232.	1.1	16
365	Attention and automation: New perspectives on mental underload and performance. <i>Theoretical Issues in Ergonomics Science</i> , 2002, 3, 178-194.	1.0	129
366	Task analysis for error identification: Theory, method and validation. <i>Theoretical Issues in Ergonomics Science</i> , 2002, 3, 212-227.	1.0	29
367	Malleable Attentional Resources Theory: A New Explanation for the Effects of Mental Underload on Performance. <i>Human Factors</i> , 2002, 44, 365-375.	2.1	292
368	Creative (dis)agreement in ergonomics. <i>Ergonomics</i> , 2002, 45, 963-965.	1.1	2
369	It's all relative: defining mental workload in the light of Annett's paper. <i>Ergonomics</i> , 2002, 45, 1018-1020.	1.1	11
370	Error by design: methods for predicting device usability. <i>Design Studies</i> , 2002, 23, 363-384.	1.9	60
371	Where Is Computing Driving Cars?. <i>International Journal of Human-Computer Interaction</i> , 2001, 13, 203-229.	3.3	78
372	Introduction: Ubiquitous Computing: Anytime, Anyplace, Anywhere?. <i>International Journal of Human-Computer Interaction</i> , 2001, 13, 107-111.	3.3	9
373	Bored with Point and Click? Theoretical Perspectives on Designing Learning Environments. <i>Innovations in Education and Teaching International</i> , 2001, 38, 175-182.	1.5	10
374	Automating the Driver's Control Tasks. <i>International Journal of Cognitive Ergonomics</i> , 2001, 5, 221-236.	0.3	70
375	Faking personality questionnaires in personnel selection. <i>Journal of Management Development</i> , 2001, 20, 729-742.	1.1	28
376	Will radar-based vision enhancement make driving safer? An experimental study of a hypothetical system on a driving simulator. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2001, 215, 959-967.	1.1	3
377	A proposed psychological model of driving automation. <i>Theoretical Issues in Ergonomics Science</i> , 2000, 1, 315-331.	1.0	96
378	A field study of team working in a new human supervisory control system. <i>Ergonomics</i> , 2000, 43, 1190-1209.	1.1	29

#	ARTICLE	IF	CITATIONS
379	Behavioural compensation by drivers of a simulator when using a vision enhancement system. <i>Ergonomics</i> , 2000, 43, 1359-1370.	1.1	47
380	Culture, politics and ergonomics. <i>Ergonomics</i> , 2000, 43, 858-868.	1.1	132
381	What price ergonomics?. <i>Nature</i> , 1999, 399, 197-198.	13.7	91
382	Testing Belbin's team role theory of effective groups. <i>Journal of Management Development</i> , 1999, 18, 652-665.	1.1	55
383	Trust in Situation-Adaptive Automation for Systems Safety. <i>Transactions of the Society of Instrument and Control Engineers</i> , 1999, 35, 943-950.	0.1	1
384	Designing for consumers: editorial. <i>Applied Ergonomics</i> , 1998, 29, 1-3.	1.7	9
385	Is utility in the mind of the beholder? A study of ergonomics methods. <i>Applied Ergonomics</i> , 1998, 29, 41-54.	1.7	68
386	Auditory affordances in the intensive treatment unit. <i>Applied Ergonomics</i> , 1998, 29, 389-394.	1.7	24
387	Vehicle automation and driving performance. <i>Ergonomics</i> , 1998, 41, 1014-1028.	1.1	147
388	Learning to predict human error: issues of acceptability, reliability and validity. <i>Ergonomics</i> , 1998, 41, 1737-1756.	1.1	99
389	Engineering psychology: contribution to system safety. <i>Computing & Control Engineering Journal</i> , 1997, 8, 107-112.	0.0	4
390	Drive-by-wire systems: Some reflections on the trend to automate the driver role. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 1997, 211, 267-276.	1.1	13
391	Comparing speech versus text displays for alarm handling. <i>Ergonomics</i> , 1997, 40, 1240-1254.	1.1	10
392	Trust in automation. Part II. Experimental studies of trust and human intervention in a process control simulation. <i>Ergonomics</i> , 1996, 39, 429-460.	1.1	698
393	Human error identification techniques applied to public technology: predictions compared with observed use. <i>Applied Ergonomics</i> , 1996, 27, 119-131.	1.7	98
394	Risk homeostasis theory: A study of intrinsic compensation. <i>Safety Science</i> , 1996, 22, 77-86.	2.6	19
395	From fly-by-wire to drive-by-wire: Safety implications of automation in vehicles. <i>Safety Science</i> , 1996, 24, 35-49.	2.6	174
396	A software toolkit for hierarchical task analysis. <i>Applied Ergonomics</i> , 1995, 26, 147-151.	1.7	13

#	ARTICLE	IF	CITATIONS
397	A user-centred approach to the design and evaluation of auditory warning signals: 1. Methodology. Ergonomics, 1995, 38, 2262-2280.	1.1	59
398	Alarm-initiated activities: an analysis of alarm handling by operators using text-based alarm systems in supervisory control systems. Ergonomics, 1995, 38, 2414-2431.	1.1	22
399	Ergonomics and the global problems of the twenty-first century. Ergonomics, 1995, 38, 1691-1707.	1.1	85
400	Task analysis for error identification: a methodology for designing error-tolerant consumer products. Ergonomics, 1994, 37, 1923-1941.	1.1	72
401	Trust, control strategies and allocation of function in human-machine systems. Ergonomics, 1992, 35, 1243-1270.	1.1	1,079
402	Alarms in human supervisory control: a human factors perspective. International Journal of Computer Integrated Manufacturing, 1992, 5, 81-93.	2.9	18
403	Can speech be used for alarm displays in "process control" type tasks?. Behaviour and Information Technology, 1992, 11, 216-226.	2.5	9
404	Designing for transportation safety in the light of perception, attention, and mental models. Ergonomics, 1990, 33, 1201-1213.	1.1	54
405	Fault management in process control: eye movements and action. Ergonomics, 1989, 32, 1319-1342.	1.1	101
406	Eco-Driving. , 0, , .		3
407	Vehicle Feedback and Driver Situation Awareness. , 0, , .		2
408	Integrating Human Factors Methods and Systems Thinking for Transport Analysis and Design. , 0, , .		11
409	Guide to Methodology in Ergonomics. , 0, , .		38
410	Mental Models. , 0, , .		3
411	Digitising Command and Control. , 0, , .		2
412	Pilot decision-making during a dual engine failure on take-off: Insights from three different decision-making models. Human Factors and Ergonomics in Manufacturing, 0, , .	1.4	1