

# Neville A Stanton

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6492819/neville-a-stanton-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

400  
papers

13,351  
citations

60  
h-index

99  
g-index

426  
ext. papers

15,714  
ext. citations

3.1  
avg. IF

7.21  
L-index

#	Paper	IF	Citations
400	Trust, control strategies and allocation of function in human-machine systems. <i>Ergonomics</i> , <b>1992</b> , 35, 1243-70	2.9	799
399	Trust in automation. Part II. Experimental studies of trust and human intervention in a process control simulation. <i>Ergonomics</i> , <b>1996</b> , 39, 429-60	2.9	529
398	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> , <b>2014</b> , 27, 196-217	4.5	380
397	Hierarchical task analysis: developments, applications, and extensions. <i>Applied Ergonomics</i> , <b>2006</b> , 37, 55-79	4.2	330
396	Takeover Time in Highly Automated Vehicles: Noncritical Transitions to and From Manual Control. <i>Human Factors</i> , <b>2017</b> , 59, 689-705	3.8	296
395	Distributed situation awareness in dynamic systems: theoretical development and application of an ergonomics methodology. <i>Ergonomics</i> , <b>2006</b> , 49, 1288-311	2.9	288
394	The Design with Intent Method: a design tool for influencing user behaviour. <i>Applied Ergonomics</i> , <b>2010</b> , 41, 382-92	4.2	229
393	Malleable attentional resources theory: a new explanation for the effects of mental underload on performance. <i>Human Factors</i> , <b>2002</b> , 44, 365-75	3.8	229
392	What really is going on? Review of situation awareness models for individuals and teams. <i>Theoretical Issues in Ergonomics Science</i> , <b>2008</b> , 9, 297-323	2.2	221
391	Driver behaviour with adaptive cruise control. <i>Ergonomics</i> , <b>2005</b> , 48, 1294-313	2.9	191
390	Measuring Situation Awareness in complex systems: Comparison of measures study. <i>International Journal of Industrial Ergonomics</i> , <b>2009</b> , 39, 490-500	2.9	182
389	Human error taxonomies applied to driving: A generic driver error taxonomy and its implications for intelligent transport systems. <i>Safety Science</i> , <b>2009</b> , 47, 227-237	5.8	173
388	A review of sociotechnical systems theory: a classic concept for new command and control paradigms. <i>Theoretical Issues in Ergonomics Science</i> , <b>2008</b> , 9, 479-499	2.2	157
387	From fly-by-wire to drive-by-wire: Safety implications of automation in vehicles. <i>Safety Science</i> , <b>1996</b> , 24, 35-49	5.8	147
386	Applying hierarchical task analysis to medication administration errors. <i>Applied Ergonomics</i> , <b>2006</b> , 37, 669-79	4.2	124
385	Vehicle automation and driving performance. <i>Ergonomics</i> , <b>1998</b> , 41, 1014-1028	2.9	120
384	Back to the future: brake reaction times for manual and automated vehicles. <i>Ergonomics</i> , <b>2007</b> , 50, 46-58	2.9	115

383	Safe driving in a green world: a review of driver performance benchmarks and technologies to support 'smart' driving. <i>Applied Ergonomics</i> , <b>2011</b> , 42, 533-9	4.2	113
382	Command and control in emergency services operations: a social network analysis. <i>Ergonomics</i> , <b>2006</b> , 49, 1204-25	2.9	112
381	Culture, politics and ergonomics. <i>Ergonomics</i> , <b>2000</b> , 43, 858-68	2.9	108
380	State-of-science: situation awareness in individuals, teams and systems. <i>Ergonomics</i> , <b>2017</b> , 60, 449-466	2.9	107
379	Is partially automated driving a bad idea? Observations from an on-road study. <i>Applied Ergonomics</i> , <b>2018</b> , 68, 138-145	4.2	106
378	Attention and automation: New perspectives on mental underload and performance. <i>Theoretical Issues in Ergonomics Science</i> , <b>2002</b> , 3, 178-194	2.2	104
377	A human factors perspective on automated driving. <i>Theoretical Issues in Ergonomics Science</i> , <b>2019</b> , 20, 223-249	2.2	103
376	Road transport in drift? Applying contemporary systems thinking to road safety. <i>Safety Science</i> , <b>2012</b> , 50, 1829-1838	5.8	99
375	The crash at Kerang: Investigating systemic and psychological factors leading to unintentional non-compliance at rail level crossings. <i>Accident Analysis and Prevention</i> , <b>2013</b> , 50, 1278-88	6.1	98
374	What's skill got to do with it? Vehicle automation and driver mental workload. <i>Ergonomics</i> , <b>2007</b> , 50, 1324-39	2.9	95
373	Defining the methodological challenges and opportunities for an effective science of sociotechnical systems and safety. <i>Ergonomics</i> , <b>2015</b> , 58, 565-99	2.9	94
372	Keep the driver in control: Automating automobiles of the future. <i>Applied Ergonomics</i> , <b>2016</b> , 53 Pt B, 389-95	4.2	89
371	Is situation awareness all in the mind?. <i>Theoretical Issues in Ergonomics Science</i> , <b>2010</b> , 11, 29-40	2.2	89
370	Fitting methods to paradigms: are ergonomics methods fit for systems thinking?. <i>Ergonomics</i> , <b>2017</b> , 60, 194-205	2.9	87
369	Representing distributed cognition in complex systems: how a submarine returns to periscope depth. <i>Ergonomics</i> , <b>2014</b> , 57, 403-18	2.9	86
368	Event Analysis of Systemic Teamwork (EAST): a novel integration of ergonomics methods to analyse C4i activity. <i>Ergonomics</i> , <b>2006</b> , 49, 1345-69	2.9	85
367	A proposed psychological model of driving automation. <i>Theoretical Issues in Ergonomics Science</i> , <b>2000</b> , 1, 315-331	2.2	82
366	Translating concepts of complexity to the field of ergonomics. <i>Ergonomics</i> , <b>2010</b> , 53, 1175-86	2.9	80

365	Human Factors Methods		80
364	Fault management in process control: eye movements and action. <i>Ergonomics</i> , <b>1989</b> , 32, 1319-42	2.9	75
363	Learning to predict human error: issues of acceptability, reliability and validity. <i>Ergonomics</i> , <b>1998</b> , 41, 1737-56	2.9	73
362	Genotype and phenotype schemata and their role in distributed situation awareness in collaborative systems. <i>Theoretical Issues in Ergonomics Science</i> , <b>2009</b> , 10, 43-68	2.2	71
361	Human error identification techniques applied to public technology: predictions compared with observed use. <i>Applied Ergonomics</i> , <b>1996</b> , 27, 119-31	4.2	71
360	Ergonomics and the global problems of the twenty-first century. <i>Ergonomics</i> , <b>1995</b> , 38, 1691-1707	2.9	70
359	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> , <b>2019</b> , 117, 164-183	5.8	67
358	Using SHERPA to predict design-induced error on the flight deck. <i>Aerospace Science and Technology</i> , <b>2005</b> , 9, 525-532	4.9	67
357	Cognitive compatibility of motorcyclists and car drivers. <i>Accident Analysis and Prevention</i> , <b>2011</b> , 43, 878-881	4.8	66
356	Driving automation: learning from aviation about design philosophies. <i>International Journal of Vehicle Design</i> , <b>2007</b> , 45, 323	2.4	66
355	Taking the load off: investigations of how adaptive cruise control affects mental workload. <i>Ergonomics</i> , <b>2004</b> , 47, 1014-35	2.9	66
354	Transition to manual: Comparing simulator with on-road control transitions. <i>Accident Analysis and Prevention</i> , <b>2017</b> , 102, 227-234	6.1	65
353	Representing situation awareness in collaborative systems: a case study in the energy distribution domain. <i>Ergonomics</i> , <b>2008</b> , 51, 367-84	2.9	65
352	Giving ergonomics away? The application of ergonomics methods by novices. <i>Applied Ergonomics</i> , <b>2003</b> , 34, 479-90	4.2	65
351	Sub-systems on the road to vehicle automation: Hands and feet free but not mind-free driving. <i>Safety Science</i> , <b>2014</b> , 62, 505-514	5.8	64
350	Predicting pilot error: testing a new methodology and a multi-methods and analysts approach. <i>Applied Ergonomics</i> , <b>2009</b> , 40, 464-71	4.2	64
349	The ironies of vehicle feedback in car design. <i>Ergonomics</i> , <b>2006</b> , 49, 161-79	2.9	64
348	Automating the Driver's Control Tasks. <i>International Journal of Cognitive Ergonomics</i> , <b>2001</b> , 5, 221-236		62

347	Where Is Computing Driving Cars?. <i>International Journal of Human-Computer Interaction</i> , <b>2001</b> , 13, 203-229	62
346	Pilot error versus sociotechnical systems failure: a distributed situation awareness analysis of Air France 447. <i>Theoretical Issues in Ergonomics Science</i> , <b>2016</b> , 17, 64-79	2.2 61
345	Let the Reader Decide: A Paradigm Shift for Situation Awareness in Sociotechnical Systems. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2015</b> , 9, 44-50	2.5 61
344	Conflicts of interest: The implications of roadside advertising for driver attention. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , <b>2009</b> , 12, 381-388	4.5 61
343	Exploring schema-driven differences in situation awareness between road users: an on-road study of driver, cyclist and motorcyclist situation awareness. <i>Ergonomics</i> , <b>2014</b> , 57, 191-209	2.9 60
342	Exploring the psychological factors involved in the Ladbroke Grove rail accident. <i>Accident Analysis and Prevention</i> , <b>2011</b> , 43, 1117-27	6.1 60
341	Changing drivers' minds: the evaluation of an advanced driver coaching system. <i>Ergonomics</i> , <b>2007</b> , 50, 1209-34	2.9 60
340	Using cognitive work analysis to explore activity allocation within military domains. <i>Ergonomics</i> , <b>2008</b> , 51, 798-815	2.9 59
339	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> , <b>2012</b> , 50, 300-315	5.8 58
338	Does advanced driver training improve situational awareness?. <i>Applied Ergonomics</i> , <b>2009</b> , 40, 678-87	4.2 58
337	Beyond human error taxonomies in assessment of risk in sociotechnical systems: a new paradigm with the EAST 'broken-links' approach. <i>Ergonomics</i> , <b>2017</b> , 60, 221-233	2.9 56
336	How a submarine returns to periscope depth: analysing complex socio-technical systems using Cognitive Work Analysis. <i>Applied Ergonomics</i> , <b>2014</b> , 45, 110-25	4.2 56
335	From ethnography to the EAST method: a tractable approach for representing distributed cognition in Air Traffic Control. <i>Ergonomics</i> , <b>2010</b> , 53, 184-97	2.9 55
334	Driver error or designer error: Using the Perceptual Cycle Model to explore the circumstances surrounding the fatal Tesla crash on 7th May 2016. <i>Safety Science</i> , <b>2018</b> , 108, 278-285	5.8 54
333	Is utility in the mind of the beholder? A study of ergonomics methods. <i>Applied Ergonomics</i> , <b>1998</b> , 29, 41-54	4.2 54
332	Situation awareness on the road: review, theoretical and methodological issues, and future directions. <i>Theoretical Issues in Ergonomics Science</i> , <b>2012</b> , 13, 472-492	2.2 53
331	Designing sociotechnical systems with cognitive work analysis: putting theory back into practice. <i>Ergonomics</i> , <b>2015</b> , 58, 822-51	2.9 52
330	State of Science: ergonomics and global issues. <i>Ergonomics</i> , <b>2018</b> , 61, 197-213	2.9 52

329	A systemic approach to accident analysis: a case study of the Stockwell shooting. <i>Ergonomics</i> , <b>2010</b> , 53, 1-17	2.9	52
328	Models and methods for collision analysis: A comparison study based on the Uber collision with a pedestrian. <i>Safety Science</i> , <b>2019</b> , 120, 117-128	5.8	50
327	The explanatory power of Schema Theory: theoretical foundations and future applications in Ergonomics. <i>Ergonomics</i> , <b>2013</b> , 56, 1-15	2.9	50
326	What'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> , <b>2017</b> , 100, 1-14	6.1	49
325	Systems Theoretic Accident Model and Process (STAMP) safety modelling applied to an aircraft rapid decompression event. <i>Safety Science</i> , <b>2017</b> , 98, 159-166	5.8	49
324	Expanding healthcare failure mode and effect analysis: A composite proactive risk analysis approach. <i>Reliability Engineering and System Safety</i> , <b>2018</b> , 169, 117-126	6.3	49
323	Detection of new in-path targets by drivers using Stop & Go Adaptive Cruise Control. <i>Applied Ergonomics</i> , <b>2011</b> , 42, 592-601	4.2	48
322	Managing error on the open road: The contribution of human error models and methods. <i>Safety Science</i> , <b>2010</b> , 48, 1225-1235	5.8	48
321	The future flight deck: Modelling dual, single and distributed crewing options. <i>Applied Ergonomics</i> , <b>2016</b> , 53 Pt B, 331-42	4.2	47
320	Task analysis for error identification: a methodology for designing error-tolerant consumer products. <i>Ergonomics</i> , <b>1994</b> , 37, 1923-1941	2.9	47
319	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> , <b>2013</b> , 56, 889-905	2.9	46
318	Error by design: methods for predicting device usability. <i>Design Studies</i> , <b>2002</b> , 23, 363-384	3.6	46
317	A user-centred approach to the design and evaluation of auditory warning signals: 1. Methodology. <i>Ergonomics</i> , <b>1995</b> , 38, 2262-80	2.9	44
316	Designing for transportation safety in the light of perception, attention, and mental models. <i>Ergonomics</i> , <b>1990</b> , 33, 1201-13	2.9	44
315	Designer driving: drivers' conceptual models and level of trust in adaptive cruise control. <i>International Journal of Vehicle Design</i> , <b>2007</b> , 45, 339	2.4	43
314	More than meets the eye: Using cognitive work analysis to identify design requirements for future rail level crossing systems. <i>Applied Ergonomics</i> , <b>2016</b> , 53 Pt B, 312-22	4.2	42
313	Driving Performance After Self-Regulated Control Transitions in Highly Automated Vehicles. <i>Human Factors</i> , <b>2017</b> , 59, 1233-1248	3.8	42
312	A usability evaluation toolkit for In-Vehicle Information Systems (IVISs). <i>Applied Ergonomics</i> , <b>2011</b> , 42, 563-74	4.2	42

311	Testing Belbin's team role theory of effective groups. <i>Journal of Management Development</i> , <b>1999</b> , 18, 652-665	1.5	42
310	Behavioural compensation by drivers of a simulator when using a vision enhancement system. <i>Ergonomics</i> , <b>2000</b> , 43, 1359-70	2.9	41
309	Who is responsible for global road safety? A cross-cultural comparison of Actor Maps. <i>Accident Analysis and Prevention</i> , <b>2019</b> , 122, 8-18	6.1	40
308	Trust in vehicle technology. <i>International Journal of Vehicle Design</i> , <b>2016</b> , 70, 157	2.4	39
307	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> , <b>2013</b> , 56, 1232-50	2.9	38
306	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> , <b>2014</b> , 57, 1628-42	2.9	37
305	Rolling Out the Red (and Green) Carpet: Supporting Driver Decision Making in Automation-to-Manual Transitions. <i>IEEE Transactions on Human-Machine Systems</i> , <b>2019</b> , 49, 20-31	4.1	37
304	. <i>IEEE Transactions on Human-Machine Systems</i> , <b>2015</b> , 45, 145-163	4.1	36
303	Distributed situation awareness in an Airborne Warning and Control System: application of novel ergonomics methodology. <i>Cognition, Technology and Work</i> , <b>2008</b> , 10, 221-229	2.9	36
302	Safety in System-of-Systems: Ten key challenges. <i>Safety Science</i> , <b>2014</b> , 70, 358-366	5.8	35
301	Using cognitive work analysis and the strategies analysis diagram to understand variability in road user behaviour at intersections. <i>Ergonomics</i> , <b>2013</b> , 56, 764-80	2.9	35
300	Following the cognitive work analysis train of thought: exploring the constraints of modal shift to rail transport. <i>Ergonomics</i> , <b>2013</b> , 56, 522-40	2.9	35
299	In-Vehicle Information Systems to Meet the Needs of Drivers. <i>International Journal of Human-Computer Interaction</i> , <b>2011</b> , 27, 505-522	3.6	35
298	Broken components versus broken systems: why it is systems not people that lose situation awareness. <i>Cognition, Technology and Work</i> , <b>2015</b> , 17, 179-183	2.9	34
297	Effects of platooning on signal-detection performance, workload, and stress: A driving simulator study. <i>Applied Ergonomics</i> , <b>2017</b> , 60, 116-127	4.2	34
296	The famous five factors in teamwork: a case study of fratricide. <i>Ergonomics</i> , <b>2010</b> , 53, 1187-204	2.9	34
295	Feedback and driver situation awareness (SA): A comparison of SA measures and contexts. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , <b>2008</b> , 11, 282-299	4.5	34
294	Crash dieting: the effects of eating and drinking on driving performance. <i>Accident Analysis and Prevention</i> , <b>2008</b> , 40, 142-8	6.1	34



293	Situation awareness based on eye movements in relation to the task environment. <i>Cognition, Technology and Work</i> , <b>2019</b> , 21, 99-111	2.9	34
292	A quarter of a century of the DBQ: some supplementary notes on its validity with regard to accidents. <i>Ergonomics</i> , <b>2015</b> , 58, 1745-69	2.9	33
291	A new approach for designing cognitive artefacts to support disaster management. <i>Ergonomics</i> , <b>2010</b> , 53, 617-35	2.9	33
290	Vulnerable road users in low-, middle-, and high-income countries: Validation of a Pedestrian Behaviour Questionnaire. <i>Accident Analysis and Prevention</i> , <b>2019</b> , 131, 80-94	6.1	32
289	Quantum ergonomics: shifting the paradigm of the systems agenda. <i>Ergonomics</i> , <b>2017</b> , 60, 157-166	2.9	32
288	Is it really better to share? Distributed situation awareness and its implications for collaborative system design. <i>Theoretical Issues in Ergonomics Science</i> , <b>2010</b> , 11, 58-83	2.2	32
287	Genotype and phenotype schemata as models of situation awareness in dynamic command and control teams. <i>International Journal of Industrial Ergonomics</i> , <b>2009</b> , 39, 480-489	2.9	32
286	Getting past first base: Going all the way with Cognitive Work Analysis. <i>Applied Ergonomics</i> , <b>2011</b> , 42, 358-70	4.2	32
285	Models of the user: designers' perspectives on influencing sustainable behaviour. <i>Journal of Design Research</i> , <b>2012</b> , 10, 7	0.5	32
284	Validating task analysis for error identification: reliability and validity of a human error prediction technique. <i>Ergonomics</i> , <b>2005</b> , 48, 1097-113	2.9	32
283	The big picture on accident causation: A review, synthesis and meta-analysis of AcciMap studies. <i>Safety Science</i> , <b>2020</b> , 126, 104650	5.8	31
282	Walking the line: Understanding pedestrian behaviour and risk at rail level crossings with cognitive work analysis. <i>Applied Ergonomics</i> , <b>2016</b> , 53 Pt A, 209-27	4.2	30
281	Ecodriving in hybrid electric vehicles--Exploring challenges for user-energy interaction. <i>Applied Ergonomics</i> , <b>2016</b> , 55, 33-45	4.2	30
280	Cognitive Work Analysis for safe and efficient driving. <i>Theoretical Issues in Ergonomics Science</i> , <b>2012</b> , 13, 430-449	2.2	30
279	Investigating accident causation through information network modelling. <i>Ergonomics</i> , <b>2010</b> , 53, 198-210	2.9	30
278	To twist or poke? A method for identifying usability issues with the rotary controller and touch screen for control of in-vehicle information systems. <i>Ergonomics</i> , <b>2011</b> , 54, 609-25	2.9	30
277	Guide to Methodology in Ergonomics		30
276	On the reliability and validity of, and training in, ergonomics methods: a challenge revisited. <i>Theoretical Issues in Ergonomics Science</i> , <b>2016</b> , 17, 345-353	2.2	29



275	STAMP goes EAST: Integrating systems ergonomics methods for the analysis of railway level crossing safety management. <i>Safety Science</i> , <b>2018</b> , 110, 31-46	5.8	28
274	Psychological constructs in driving automation: a consensus model and critical comment on construct proliferation. <i>Theoretical Issues in Ergonomics Science</i> , <b>2016</b> , 17, 284-303	2.2	28
273	Great expectations: A thematic analysis of situation awareness in fratricide. <i>Safety Science</i> , <b>2013</b> , 56, 63-71	5.8	28
272	Modelling of human alarm handling response times: a case study of the Ladbroke Grove rail accident in the UK. <i>Ergonomics</i> , <b>2008</b> , 51, 423-40	2.9	28
271	Self Explaining Roads and situation awareness. <i>Safety Science</i> , <b>2013</b> , 56, 18-28	5.8	27
270	Where do novice and experienced drivers direct their attention on approach to urban rail level crossings?. <i>Accident Analysis and Prevention</i> , <b>2015</b> , 77, 1-11	6.1	27
269	Case studies of mental models in home heat control: searching for feedback, valve, timer and switch theories. <i>Applied Ergonomics</i> , <b>2014</b> , 45, 363-78	4.2	27
268	Using work domain analysis to evaluate the impact of technological change on the performance of complex socio-technical systems. <i>Theoretical Issues in Ergonomics Science</i> , <b>2011</b> , 12, 1-14	2.2	27
267	What the drivers do and do not tell you: using verbal protocol analysis to investigate driver behaviour in emergency situations. <i>Ergonomics</i> , <b>2014</b> , 57, 332-42	2.9	26
266	Applying cognitive work analysis to the design of rapidly reconfigurable interfaces in complex networks. <i>Theoretical Issues in Ergonomics Science</i> , <b>2008</b> , 9, 273-295	2.2	26
265	Predicting design induced pilot error using HET (human error template) [A new formal human error identification method for flight decks. <i>Aeronautical Journal</i> , <b>2006</b> , 110, 107-115	0.9	26
264	Models of models: filtering and bias rings in depiction of knowledge structures and their implications for design. <i>Ergonomics</i> , <b>2012</b> , 55, 1073-92	2.9	25
263	From telephones to iPhones: applying systems thinking to networked, interoperable products. <i>Applied Ergonomics</i> , <b>2009</b> , 40, 206-15	4.2	25
262	Back to SA school: contrasting three approaches to situation awareness in the cockpit. <i>Theoretical Issues in Ergonomics Science</i> , <b>2011</b> , 12, 451-471	2.2	25
261	A field study of team working in a new human supervisory control system. <i>Ergonomics</i> , <b>2000</b> , 43, 1190-209	2.9	25
260	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> , <b>2015</b> , 79, 126-138	5.8	24
259	Using the Decision-Ladder to Add a Formative Element to Naturalistic Decision-Making Research. <i>International Journal of Human-Computer Interaction</i> , <b>2010</b> , 26, 132-146	3.6	24
258	Vulnerable road users and the coming wave of automated vehicles: Expert perspectives. <i>Transportation Research Interdisciplinary Perspectives</i> , <b>2021</b> , 9, 100293	7.3	24

257	Using an integrated methods approach to analyse the emergent properties of military command and control. <i>Applied Ergonomics</i> , <b>2009</b> , 40, 636-47	4.2	23
256	The psychology of driving automation: a discussion with Professor Don Norman. <i>International Journal of Vehicle Design</i> , <b>2007</b> , 45, 289	2.4	23
255	A decision ladder analysis of eco-driving: the first step towards fuel-efficient driving behaviour. <i>Ergonomics</i> , <b>2015</b> , 58, 866-82	2.9	22
254	Exploring the mechanisms of distraction from in-vehicle technology: The development of the PARRC model. <i>Safety Science</i> , <b>2016</b> , 87, 25-37	5.8	22
253	Do the coach and athlete have the same "picture" of the situation? Distributed Situation Awareness in an elite sport context. <i>Applied Ergonomics</i> , <b>2014</b> , 45, 724-33	4.2	22
252	It's a small world after all: contrasting hierarchical and edge networks in a simulated intelligence analysis task. <i>Ergonomics</i> , <b>2012</b> , 55, 265-81	2.9	22
251	Faking personality questionnaires in personnel selection. <i>Journal of Management Development</i> , <b>2001</b> , 20, 729-742	1.5	22
250	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> , <b>2015</b> , 58, 1773-91	2.9	21
249	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> , <b>2020</b> , 139, 105491	6.1	21
248	Examining Social, Information, and Task Networks in Submarine Command and Control. <i>IEEE Transactions on Human-Machine Systems</i> , <b>2018</b> , 48, 252-265	4.1	21
247	Keeping it together: The role of transactional situation awareness in team performance. <i>International Journal of Industrial Ergonomics</i> , <b>2016</b> , 53, 267-273	2.9	21
246	. <i>IEEE Transactions on Human-Machine Systems</i> , <b>2017</b> , 47, 661-672	4.1	21
245	Effects of mental demands on situation awareness during platooning: A driving simulator study. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , <b>2018</b> , 58, 193-209	4.5	21
244	Analysis of driver roles: modelling the changing role of the driver in automated driving systems using EAST. <i>Theoretical Issues in Ergonomics Science</i> , <b>2019</b> , 20, 284-300	2.2	20
243	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> , <b>2015</b> , 58, 909-23	2.9	20
242	Distributed Cognition on the road: Using EAST to explore future road transportation systems. <i>Applied Ergonomics</i> , <b>2018</b> , 68, 258-266	4.2	20
241	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> , <b>2014</b> , 8, 388-397	2.4	20
240	Validating the strategies analysis diagram: assessing the reliability and validity of a formative method. <i>Applied Ergonomics</i> , <b>2014</b> , 45, 1484-94	4.2	20

239	To twist, roll, stroke or poke? A study of input devices for menu navigation in the cockpit. <i>Ergonomics</i> , <b>2013</b> , 56, 590-611	2.9	20
238	Is SA shared or distributed in team work? An exploratory study in an intelligence analysis task. <i>International Journal of Industrial Ergonomics</i> , <b>2011</b> , 41, 677-687	2.9	20
237	Adaptive driver modelling in ADAS to improve user acceptance: A study using naturalistic data. <i>Safety Science</i> , <b>2019</b> , 119, 76-83	5.8	20
236	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> , <b>2019</b> , 65, 503-517	4.5	19
235	Recognizing driving styles based on topic models. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2019</b> , 66, 13-22	6.4	19
234	Up periscope: understanding submarine command and control teamwork during a simulated return to periscope depth. <i>Cognition, Technology and Work</i> , <b>2017</b> , 19, 399-417	2.9	19
233	Designing mission communication planning: the role of Rich Pictures and Cognitive Work Analysis. <i>Theoretical Issues in Ergonomics Science</i> , <b>2012</b> , 13, 146-168	2.2	19
232	Work domain analysis and intelligent transport systems: implications for vehicle design. <i>International Journal of Vehicle Design</i> , <b>2007</b> , 45, 426	2.4	19
231	The ergonomics of command and control. <i>Ergonomics</i> , <b>2006</b> , 49, 1131-1138	2.9	19
230	Task analysis for error identification: Theory, method and validation. <i>Theoretical Issues in Ergonomics Science</i> , <b>2002</b> , 3, 212-227	2.2	19
229	Land Ahoy! Understanding Submarine Command and Control During the Completion of Inshore Operations. <i>Human Factors</i> , <b>2017</b> , 59, 1263-1288	3.8	18
228	Assessing the 'system' in safe systems-based road designs: using cognitive work analysis to evaluate intersection designs. <i>Accident Analysis and Prevention</i> , <b>2015</b> , 74, 324-38	6.1	18
227	Research and development agenda for Learning from Incidents. <i>Safety Science</i> , <b>2017</b> , 99, 5-13	5.8	18
226	Context of use as a factor in determining the usability of in-vehicle devices. <i>Theoretical Issues in Ergonomics Science</i> , <b>2011</b> , 12, 318-338	2.2	18
225	What could they have been thinking? How sociotechnical system design influences cognition: a case study of the Stockwell shooting. <i>Ergonomics</i> , <b>2011</b> , 54, 103-19	2.9	18
224	Exploring the relationships between pedestrian behaviours and traffic safety attitudes in six countries. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , <b>2020</b> , 68, 257-271	4.5	18
223	Turing in the driver's seat: Can people distinguish between automated and manually driven vehicles?. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2020</b> , 30, 418-425	1.4	18
222	Systems Theoretic Accident Model and Process (STAMP) applied to a Royal Navy Hawk jet missile simulation exercise. <i>Safety Science</i> , <b>2019</b> , 113, 461-471	5.8	18

221	Combining network analysis with Cognitive Work Analysis: insights into social organisational and cooperation analysis. <i>Ergonomics</i> , <b>2015</b> , 58, 434-49	2.9	17
220	Exploring Design Patterns for Sustainable Behaviour. <i>Design Journal</i> , <b>2013</b> , 16, 431-459	0.6	17
219	Auditory affordances in the intensive treatment unit. <i>Applied Ergonomics</i> , <b>1998</b> , 29, 389-94	4.2	17
218	A new approach to designing lateral collision warning systems. <i>International Journal of Vehicle Design</i> , <b>2007</b> , 45, 379	2.4	17
217	A sociotechnical approach to accident analysis in a low-income setting: Using Accimaps to guide road safety recommendations in Bangladesh. <i>Safety Science</i> , <b>2020</b> , 124, 104589	5.8	17
216	Using the decision ladder to understand road user decision making at actively controlled rail level crossings. <i>Applied Ergonomics</i> , <b>2016</b> , 56, 1-10	4.2	17
215	Mind the gap - Deriving a compatible user mental model of the home heating system to encourage sustainable behaviour. <i>Applied Ergonomics</i> , <b>2016</b> , 57, 48-61	4.2	17
214	Alarm-initiated activities: an analysis of alarm handling by operators using text-based alarm systems in supervisory control systems. <i>Ergonomics</i> , <b>1995</b> , 38, 2414-2431	2.9	16
213	Risk homeostasis theory: A study of intrinsic compensation. <i>Safety Science</i> , <b>1996</b> , 22, 77-86	5.8	16
212	Modelling distributed crewing in commercial aircraft with STAMP for a rapid decompression hazard. <i>Ergonomics</i> , <b>2019</b> , 62, 156-170	2.9	16
211	Divide and rule: A qualitative analysis of the debriefing process in elite team sports. <i>Applied Ergonomics</i> , <b>2015</b> , 51, 30-8	4.2	15
210	Influencing interaction <b>2009</b> ,		15
209	Virtuality in human supervisory control: assessing the effects of psychological and social remoteness. <i>Ergonomics</i> , <b>2003</b> , 46, 1215-32	2.9	15
208	Alarms in human supervisory control: a human factors perspective. <i>International Journal of Computer Integrated Manufacturing</i> , <b>1992</b> , 5, 81-93	4.3	15
207	To stop or not to stop: Contrasting compliant and non-compliant driver behaviour at rural rail level crossings. <i>Accident Analysis and Prevention</i> , <b>2017</b> , 108, 209-219	6.1	14
206	Contrasting models of driver behaviour in emergencies using retrospective verbalisations and network analysis. <i>Ergonomics</i> , <b>2015</b> , 58, 1337-46	2.9	14
205	Distributed cognition in Search and Rescue: loosely coupled tasks and tightly coupled roles. <i>Ergonomics</i> , <b>2016</b> , 59, 1353-1376	2.9	14
204	Driver-centred vehicle automation: using network analysis for agent-based modelling of the driver in highly automated driving systems. <i>Ergonomics</i> , <b>2016</b> , 59, 1442-1452	2.9	14

203	The System Theoretic Accident Modelling and Process (STAMP) of medical pilot knock-out events: Pilot incapacitation and homicide-suicide. <i>Safety Science</i> , <b>2018</b> , 110, 58-71	5.8	14
202	Same or different? Generalising from novices to experts in military command and control studies. <i>International Journal of Industrial Ergonomics</i> , <b>2010</b> , 40, 473-483	2.9	14
201	Systems Thinking in Practice		14
200	Distributed cognition in aviation operations: a gate-to-gate study with implications for distributed crewing. <i>Ergonomics</i> , <b>2019</b> , 62, 138-155	2.9	14
199	Eco-driving: the role of feedback in reducing emissions from everyday driving behaviours. <i>Theoretical Issues in Ergonomics Science</i> , <b>2019</b> , 20, 85-104	2.2	14
198	The chatty co-driver: A linguistics approach applying lessons learnt from aviation incidents. <i>Safety Science</i> , <b>2017</b> , 99, 94-101	5.8	13
197	Macro-cognition in Submarine Command and Control: A Comparison of three Simulated Operational Scenarios. <i>Journal of Applied Research in Memory and Cognition</i> , <b>2018</b> , 7, 92-105	2.3	13
196	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> , <b>2014</b> , 44, 777-792	2.9	13
195	A formative approach to developing synthetic environment fidelity requirements for decision-making training. <i>Applied Ergonomics</i> , <b>2011</b> , 42, 757-69	4.2	13
194	Extending helicopter operations to meet future integrated transportation needs. <i>Applied Ergonomics</i> , <b>2016</b> , 53 Pt B, 364-73	4.2	12
193	Quantitative modelling in cognitive ergonomics: predicting signals passed at danger. <i>Ergonomics</i> , <b>2017</b> , 60, 206-220	2.9	12
192	Good vibrations: Using a haptic accelerator pedal to encourage eco-driving. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , <b>2017</b> , 46, 34-46	4.5	12
191	Adaptation as a source of safety in complex socio-technical systems: A literature review and model development. <i>Safety Science</i> , <b>2019</b> , 118, 617-631	5.8	12
190	Challenging conventional rural rail level crossing design: Evaluating three new systems thinking-based designs in a driving simulator. <i>Safety Science</i> , <b>2018</b> , 110, 100-114	5.8	12
189	A prospective risk assessment of informal carers' medication administration errors within the domiciliary setting. <i>Ergonomics</i> , <b>2018</b> , 61, 104-121	2.9	12
188	How are laser attacks encountered in commercial aviation? A hazard analysis based on systems theory. <i>Safety Science</i> , <b>2018</b> , 110, 178-191	5.8	12
187	What do people know about eco-driving?. <i>Ergonomics</i> , <b>2017</b> , 60, 754-769	2.9	12
186	Distributed Decision Making in Multihelicopter Teams: Case Study of Mission Planning and Execution from a Noncombatant Evacuation Operation Training Scenario. <i>Journal of Cognitive Engineering and Decision Making</i> , <b>2010</b> , 4, 328-353	2.5	12

185	WESTT (workload, error, situational awareness, time and teamwork): an analytical prototyping system for command and control. <i>Cognition, Technology and Work</i> , <b>2008</b> , 10, 199-207	2.9	12
184	Breaking the cycle of frustration: Applying Neisser's Perceptual Cycle Model to drivers of semi-autonomous vehicles. <i>Applied Ergonomics</i> , <b>2020</b> , 85, 103037	4.2	12
183	When energy saving advice leads to more, rather than less, consumption. <i>International Journal of Sustainable Energy</i> , <b>2017</b> , 36, 1-19	2.7	11
182	Walking the talk: Comparing pedestrian 'activity as imagined' with 'activity as done'. <i>Accident Analysis and Prevention</i> , <b>2018</b> , 113, 74-84	6.1	11
181	Go Deeper, Go Deeper: Understanding submarine command and control during the completion of dived tracking operations. <i>Applied Ergonomics</i> , <b>2018</b> , 69, 162-175	4.2	11
180	Conditionally and highly automated vehicle handover: A study exploring vocal communication between two drivers. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , <b>2019</b> , 65, 699-715 <sup>4.5</sup>	4.5	11
179	Using the Event Analysis of Systemic Teamwork (EAST) broken-links approach to understand vulnerabilities to disruption in a darknet market. <i>Ergonomics</i> , <b>2019</b> , 62, 1134-1149	2.9	11
178	Identified handover tools and techniques in high-risk domains: Using distributed situation awareness theory to inform current practices. <i>Safety Science</i> , <b>2019</b> , 118, 915-924	5.8	11
177	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> , <b>2014</b> , 15, 55-61	2.2	11
176	Methodological issues in systems Human Factors and Ergonomics: Perspectives on the research-practice gap, reliability and validity, and prediction. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2020</b> ,	1.4	11
175	The development of the Schema World Action Research Method (SWARM) for the elicitation of perceptual cycle data. <i>Theoretical Issues in Ergonomics Science</i> , <b>2016</b> , 17, 376-401	2.2	11
174	Thematic issue: driving automation and autonomy. <i>Theoretical Issues in Ergonomics Science</i> , <b>2019</b> , 20, 215-222	2.2	10
173	Exploring compatible and incompatible transactions in teams. <i>Cognition, Technology and Work</i> , <b>2015</b> , 17, 367-380	2.9	10
172	Investigating Performance of Command Team Structures in the NATO Problem-Approach Space. <i>IEEE Transactions on Human-Machine Systems</i> , <b>2015</b> , 45, 702-713	4.1	10
171	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> , <b>1997</b> , 211, 267-276	1.4	10
170	It's all relative: defining mental workload in the light of Annett's paper. <i>Ergonomics</i> , <b>2002</b> , 45, 1018-20; discussion 1042-6	2.9	10
169	Integrating Human Factors Methods and Systems Thinking for Transport Analysis and Design		10
168	Driver Modeling and Implementation of a Fuel-Saving ADAS <b>2018</b> ,		10



167	Investigating information-processing performance of different command team structures in the NATO Problem Space. <i>Ergonomics</i> , <b>2015</b> , 58, 2078-100	2.9	9
166	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> , <b>2019</b> , 67, 29-42	4.5	9
165	Discovering Driver-vehicle Coordination Problems in Future Automated Control Systems: Evidence from Verbal Commentaries. <i>Procedia Manufacturing</i> , <b>2015</b> , 3, 2497-2504	1.5	9
164	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> , <b>2009</b> , 39, 456-464	2.9	9
163	Future technology on the flight deck: assessing the use of touchscreens in vibration environments. <i>Ergonomics</i> , <b>2019</b> , 62, 286-304	2.9	9
162	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> , <b>2019</b> , 62, 255-267	2.9	9
161	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> , <b>2020</b> , 22, 109-124	2.9	9
160	Complexity theory in accident causation: using AcciMap to identify the systems thinking tenets in 11 catastrophes. <i>Ergonomics</i> , <b>2021</b> , 64, 821-838	2.9	9
159	The impact of texting on driver behaviour at rail level crossings. <i>Accident Analysis and Prevention</i> , <b>2018</b> , 118, 269-276	6.1	9
158	Variability in decision-making and critical cue use by different road users at rail level crossings. <i>Ergonomics</i> , <b>2016</b> , 59, 754-66	2.9	8
157	The effects of team co-location and reduced crewing on team communication characteristics. <i>Applied Ergonomics</i> , <b>2019</b> , 81, 102875	4.2	8
156	The development of the Schema-Action-World (SAW) taxonomy for understanding decision making in aeronautical critical incidents. <i>Safety Science</i> , <b>2017</b> , 99, 23-35	5.8	8
155	Development of a generic activities model of command and control. <i>Cognition, Technology and Work</i> , <b>2008</b> , 10, 209-220	2.9	8
154	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> , <b>2020</b> , 21, 507-536	2.2	8
153	What technologies do people engage with while driving and why?. <i>Accident Analysis and Prevention</i> , <b>2018</b> , 111, 222-237	6.1	8
152	Applying the AcciMap methodology to investigate the tragic Mirsharai road accident in Bangladesh. <i>MATEC Web of Conferences</i> , <b>2019</b> , 277, 02019	0.3	7
151	A future airliner's reduced-crew: modelling pilot incapacitation and homicide-suicide with systems theory. <i>Human-Intelligent Systems Integration</i> , <b>2019</b> , 1, 27-42	2.2	7
150	Where are we on driver distraction? Methods, approaches and recommendations. <i>Theoretical Issues in Ergonomics Science</i> , <b>2018</b> , 19, 578-605	2.2	7



149	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> , <b>2019</b> , 81, 102904	4.2	7
148	Modelling and analysis of single pilot operations in commercial aviation <b>2014</b> ,		7
147	When Communication Breaks Down or What was that? The Importance of Communication for Successful Coordination in Complex Systems. <i>Procedia Manufacturing</i> , <b>2015</b> , 3, 2418-2425	1.5	7
146	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> , <b>2010</b> , 26, 173-188	3.6	7
145	Comparing speech versus text displays for alarm handling. <i>Ergonomics</i> , <b>1997</b> , 40, 1240-1254	2.9	7
144	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> , <b>2007</b> , 45, 266	2.4	7
143	Miles away: determining the extent of secondary task interference on simulated driving. <i>Theoretical Issues in Ergonomics Science</i> , <b>2007</b> , 8, 233-253	2.2	7
142	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> , <b>2007</b> , 45, 307	2.4	7
141	In loco intellegentia: human factors for the future European train driver. <i>International Journal of Industrial and Systems Engineering</i> , <b>2006</b> , 1, 485	0.4	7
140	Bored with Point and Click? Theoretical Perspectives on Designing Learning Environments. <i>Innovations in Education and Teaching International</i> , <b>2001</b> , 38, 175-182	1.3	7
139	Introduction: Ubiquitous Computing: Anytime, Anyplace, Anywhere?. <i>International Journal of Human-Computer Interaction</i> , <b>2001</b> , 13, 107-111	3.6	7
138	A software toolkit for hierarchical task analysis. <i>Applied Ergonomics</i> , <b>1995</b> , 26, 147-51	4.2	7
137	Can speech be used for alarm displays in process control type tasks?. <i>Behaviour and Information Technology</i> , <b>1992</b> , 11, 216-226	2.4	7
136	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> , <b>2015</b> , 3-12	0.9	7
135	An investigation of urban pedestrian behaviour in Bangladesh using the Perceptual Cycle Model. <i>Safety Science</i> , <b>2021</b> , 138, None	5.8	7
134	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> , <b>2019</b> , 3, 100067	7.3	7
133	Better together? Investigating new control room configurations and reduced crew size in submarine command and control. <i>Ergonomics</i> , <b>2020</b> , 63, 307-323	2.9	7
132	Mental model interface design: putting users in control of home heating. <i>Building Research and Information</i> , <b>2018</b> , 46, 251-271	4.3	7

131	The risks associated with Artificial General Intelligence: A systematic review. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> ,1-15	2	7
130	Predicting Design-Induced Error on the Flight Deck : An Aircraft Engine Oil Leak Scenario. <i>Human Factors</i> , <b>2021</b> , 63, 938-955	3.8	6
129	All at Sea with User Interfaces: From Evolutionary to Ecological Design for Submarine Combat Systems. <i>Theoretical Issues in Ergonomics Science</i> , <b>2019</b> , 20, 632-658	2.2	6
128	Specifying the requirements for requirements specification: the case for Work Domain and Worker Competencies Analyses. <i>Theoretical Issues in Ergonomics Science</i> , <b>2012</b> , 13, 450-471	2.2	6
127	Communications and cohesion: a comparison between two command and control paradigms. <i>Theoretical Issues in Ergonomics Science</i> , <b>2012</b> , 13, 508-527	2.2	6
126	Developing expertise in military communications planning: do verbal reports change with experience?. <i>Behaviour and Information Technology</i> , <b>2012</b> , 31, 617-629	2.4	6
125	What the crash dummies don't tell you: The interaction between driver and automation in emergency situations <b>2013</b> ,		6
124	Modelling the hare and the tortoise: predicting the range of in-vehicle task times using critical path analysis. <i>Ergonomics</i> , <b>2013</b> , 56, 16-33	2.9	6
123	Representing two road traffic collisions in one Accimap: highlighting the importance of emergency response and enforcement in a low-income country. <i>Ergonomics</i> , <b>2020</b> , 63, 1512-1524	2.9	6
122	Block off: an examination of new control room configurations and reduced crew sizes examining engineered production blocking. <i>Cognition, Technology and Work</i> , <b>2020</b> , 22, 29-55	2.9	6
121	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> , <b>2021</b> , 91, 103297	4.2	6
120	Creating the environment for driver distraction: A thematic framework of sociotechnical factors. <i>Applied Ergonomics</i> , <b>2018</b> , 68, 213-228	4.2	6
119	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> , <b>2018</b> , 17, 46	3.2	6
118	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> , <b>2018</b> , 62, 282-286	0.4	6
117	A toolbox for automated driving on the STISIM driving simulator. <i>MethodsX</i> , <b>2018</b> , 5, 1073-1088	1.9	6
116	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> , <b>2019</b> , 23, 144-160	3.2	5
115	Automated Vehicle Handover Interface Design: Focus Groups with Learner, Intermediate and Advanced Drivers. <i>Automotive Innovation</i> , <b>2020</b> , 3, 14-29	1.7	5
114	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> , <b>2016</b> , 17, 354-375	2.2	5

113	Sustainability, transport and design <b>2013</b> ,		5
112	An evolutionary approach to network enabled capability. <i>International Journal of Industrial Ergonomics</i> , <b>2009</b> , 39, 303-312	2.9	5
111	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> , <b>2019</b> , 75, 221-229	4.2	5
110	Real-time predictive eco-driving assistance considering road geometry and long-range radar measurements. <i>IET Intelligent Transport Systems</i> , <b>2021</b> , 15, 573-583	2.4	5
109	Good intentions: drivers' decisions to engage with technology on the road and in a driving simulator. <i>Cognition, Technology and Work</i> , <b>2018</b> , 20, 597-619	2.9	5
108	What can we learn from Automated Vehicle collisions? A deductive thematic analysis of five Automated Vehicle collisions. <i>Safety Science</i> , <b>2021</b> , 141, 105320	5.8	5
107	What Drives Ecodriving? Hybrid Electric Vehicle Drivers' Goals and Motivations to Perform Energy Efficient Driving Behaviors. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 451-461	0.4	4
106	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> , <b>2017</b> , 427-437	0.4	4
105	Minkowski spaces as models of human-machine communication. <i>Theoretical Issues in Ergonomics Science</i> , <b>2009</b> , 10, 315-334	2.2	4
104	Commenting on the commentators: what would Bartlett have made of the future past?. <i>Ergonomics</i> , <b>2008</b> , 51, 76-84	2.9	4
103	Where do we go from here? An assessment of navigation performance using a compass versus a GPS unit. <i>Cognition, Technology and Work</i> , <b>2008</b> , 10, 231-236	2.9	4
102	Automobile Automation		4
101	Macro-cognition in submarine command and control: A comparison of three simulated operational scenarios.. <i>Journal of Applied Research in Memory and Cognition</i> , <b>2018</b> , 7, 92-105	2.3	4
100	A Synthesis of Sociotechnical Principles for System Design. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 665-676	0.4	4
99	Design for Smart Driving: A Tale of Two Interfaces. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 477-485	0.9	4
98	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> , <b>2020</b> , 84, 103026	4.2	4
97	Progressing Toward Airlines' Reduced-Crew Operations: A Systematic Literature Review. <i>International Journal of Aerospace Psychology</i> , <b>2020</b> , 30, 1-24	0.4	4
96	A Delphi study of human factors methods for the evaluation of adaptation in safety-related organisations. <i>Safety Science</i> , <b>2020</b> , 131, 104933	5.8	4

95	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> , <b>2016</b> , 17, 588-606	2.2	4
94	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> , <b>2019</b> , 1, 71-88	2.2	4
93	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> , <b>2020</b> , 22, 549-563	2.9	4
92	Incorporating Driver Preferences Into Eco-Driving Assistance Systems Using Optimal Control. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 2913-2922	6.1	4
91	Testing the reliability and validity of risk assessment methods in Human Factors and Ergonomics. <i>Ergonomics</i> , <b>2021</b> , 1-22	2.9	4
90	Driving aviation forward; contrasting driving automation and aviation automation. <i>Theoretical Issues in Ergonomics Science</i> , <b>2019</b> , 20, 250-264	2.2	3
89	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> , <b>2020</b> , 3, 30-41	1.7	3
88	Human performance under two different command and control paradigms. <i>Applied Ergonomics</i> , <b>2014</b> , 45, 706-13	4.2	3
87	Beyond the Crossing: A Cognitive Work Analysis of Rail Level Crossing Systems. <i>Procedia Manufacturing</i> , <b>2015</b> , 3, 2921-2928	1.5	3
86	Observing the observer: non-intrusive verbalisations using the Concurrent Observer Narrative Technique. <i>Cognition, Technology and Work</i> , <b>2011</b> , 13, 135-149	2.9	3
85	Decisions, Decisions and Even More Decisions: Evaluation of a Digitized Mission Support System in the Land Warfare Domain. <i>International Journal of Human-Computer Interaction</i> , <b>2010</b> , 26, 206-227	3.6	3
84	Engineering psychology: contribution to system safety. <i>Computing &amp; Control Engineering Journal</i> , <b>1997</b> , 8, 107-112		3
83	Eco-Driving		3
82	Individual latent error detection: Simply stop, look and listen. <i>Safety Science</i> , <b>2018</b> , 101, 305-312	5.8	3
81	The circadian effect on psychophysiological driver state monitoring. <i>Theoretical Issues in Ergonomics Science</i> , <b>2020</b> , 1-25	2.2	3
80	Representing distributed cognition in socio-technical systems. <i>IFAC-PapersOnLine</i> , <b>2016</b> , 49, 212-215	0.7	3
79	Challenges for automated vehicle driver training: A thematic analysis from manual and automated driving. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , <b>2021</b> , 76, 238-268	4.5	3
78	Resolving the differences between system development and system operation using STAMP: a road safety case study in a low-income setting. <i>Ergonomics</i> , <b>2021</b> , 64, 839-855	2.9	3

77	Head-up displays assist helicopter pilots landing in degraded visual environments. <i>Theoretical Issues in Ergonomics Science</i> , <b>2018</b> , 19, 513-529	2.2	3
76	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> , <b>2017</b> , 61, 1887-1891	0.4	2
75	Individual latent error detection: is there a time and a place for the recall of past errors?. <i>Theoretical Issues in Ergonomics Science</i> , <b>2015</b> , 16, 533-552	2.2	2
74	Inter-rater reliability and content validity of network analysis as a method for measuring distributed situation awareness. <i>Theoretical Issues in Ergonomics Science</i> , <b>2016</b> , 17, 42-63	2.2	2
73	Designing New Interfaces for Submarines: From Cognitive Work Analysis to Ecological Interface Design. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 413-425	0.4	2
72	Latent error detection: A golden two hours for detection. <i>Applied Ergonomics</i> , <b>2017</b> , 59, 104-113	4.2	2
71	Identifying the Importance of Perceptual Cycle Concepts during Critical Decision making in the Cockpit. <i>Procedia Manufacturing</i> , <b>2015</b> , 3, 2410-2417	1.5	2
70	Measuring situation awareness in command and control <b>2007</b> ,		2
69	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> , <b>2001</b> , 215, 959-967	1.4	2
68	Speech-based Alarm Displays <b>2019</b> , 243-262		2
67	Vocal Guidance of Visual Gaze During an Automated Vehicle Handover Task. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 27-35	0.4	2
66	Drivers' Interaction with, and Perception Toward Semi-autonomous Vehicles in Naturalistic Settings. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 20-26	0.4	2
65	Out of control? Using STAMP to model the control and feedback mechanisms surrounding identity crime in darknet marketplaces. <i>Applied Ergonomics</i> , <b>2020</b> , 89, 103223	4.2	2
64	The Quick Association Check (QuACK): a resource-light, bias robust method for exploring the relationship between mental models and behaviour patterns with home heating systems. <i>Theoretical Issues in Ergonomics Science</i> , <b>2016</b> , 17, 554-587	2.2	2
63	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> , <b>2019</b> , 63, 106-110	0.4	2
62	Driving towards a greener future: an application of cognitive work analysis to promote fuel-efficient driving. <i>Cognition, Technology and Work</i> , <b>2020</b> , 22, 125-142	2.9	2
61	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> , <b>2021</b> , 22, 103-123	2.2	2
60	Driving performance, sleepiness, fatigue, and mental workload throughout the time course of semi-automated driving: experimental data from the driving simulator. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2021</b> , 31, 143-154	1.4	2

59	From interfaces to infrastructure: extending ecological interface design to re-design rail level crossings. <i>Cognition, Technology and Work</i> , <b>2021</b> , 23, 3-21	2.9	2
58	Why do road traffic collision types repeat themselves? Look back before moving forward. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2021</b> , 31, 652	1.4	2
57	Are accident analysis methods fit for purpose? Testing the criterion-referenced concurrent validity of AcciMap, STAMP-CAST and AcciNet. <i>Safety Science</i> , <b>2021</b> , 144, 105454	5.8	2
56	State of Science: Models and methods for understanding and enhancing teams and teamwork in complex sociotechnical systems. <i>Ergonomics</i> , <b>2021</b> , 1-45	2.9	2
55	The Binary-Based Model (BBM) for Improved Human Factors Method Selection. <i>Human Factors</i> , <b>2021</b> , 63, 1408-1436	3.8	1
54	Modelling and Energy Management of Parallel Hybrid Electric Vehicle with Air Conditioning System <b>2017</b> ,		1
53	The virtual landing pad: facilitating rotary-wing landing operations in degraded visual environments. <i>Cognition, Technology and Work</i> , <b>2018</b> , 20, 219-232	2.9	1
52	Modeling the Real World Using STISIM Drive□ Simulation Software: A Study Contrasting High and Low Locality Simulations. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 906-915	0.4	1
51	The Unknown Paradox of Btop the Crash□Systems: Are We Really Improving Driver Safety?. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 525-533	0.4	1
50	Back to SA school: contrasting three approaches to situation awareness in the cockpit. <i>Theoretical Issues in Ergonomics Science</i> , <b>2011</b> , 12, 510-513	2.2	1
49	Pilot decision-making during a dual engine failure on take-off: Insights from three different decision-making models. <i>Human Factors and Ergonomics in Manufacturing</i> ,	1.4	1
48	Taking a mixed-methods approach to collision investigation: AcciMap, STAMP-CAST and PCM. <i>Applied Ergonomics</i> , <b>2021</b> , 100, 103650	4.2	1
47	Auditory Warnings and Displays: An Overview <b>2019</b> , 3-30		1
46	Considering Single-Piloted Airliners for Different Flight Durations: An Issue of Fatigue Management. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 683-694	0.4	1
45	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> , <b>2019</b> , 814-819	0.4	1
44	What the Death Star Can Tell Us About System Safety. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 297-306	0.9	1
43	Revealing the Complexity of Road Transport with Accimaps. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 80-89	0.4	1
42	Trust in Situation-Adaptive Automation for Systems Safety. <i>Transactions of the Society of Instrument and Control Engineers</i> , <b>1999</b> , 35, 943-950	0.1	1



41	Actualising a Safe Transport System through a Human Factors Systems Approach. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 29-35	0.9	1
40	Returning to periscope depth in a circular control room configuration. <i>Cognition, Technology and Work</i> , <b>2020</b> , 1	2.9	1
39	Can't Touch This: Hammer Time on Touchscreen Task Performance Variability under Simulated Turbulent Flight Conditions. <i>International Journal of Human-Computer Interaction</i> , <b>2021</b> , 37, 666-679	3.6	1
38	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> , <b>2021</b> , 31, 546-558	1.4	1
37	Evaluation of Novel Urban Rail Level Crossing Designs Using Driving Simulation. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2016</b> , 60, 1921-1925	0.4	1
36	Designing flight deck applications: combining insight from end-users and ergonomists. <i>Cognition, Technology and Work</i> , <b>2021</b> , 23, 353-365	2.9	1
35	Adjusting the need for speed: assessment of a visual interface to reduce fuel use. <i>Ergonomics</i> , <b>2021</b> , 64, 315-329	2.9	1
34	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> , <b>2021</b> , 31, 66-75	1.4	1
33	Testing the Reliability and Validity of Net-HARMS: A New Systems-Based Risk Assessment Method in HFE. <i>Lecture Notes in Networks and Systems</i> , <b>2021</b> , 354-362	0.5	1
32	Validating Operator Event Sequence Diagrams: The case of an automated vehicle to human driver handovers. <i>Human Factors and Ergonomics in Manufacturing</i> ,	1.4	1
31	Learning lessons for automated vehicle design: Using systems thinking to analyse and compare automation-related accidents across transport domains. <i>Safety Science</i> , <b>2022</b> , 153, 105822	5.8	1
30	The Elephant in the Room: Normal Performance and Accident Analysis. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 275-285	0.9	0
29	How does eco-driving make us feel? Considering the psychological effects of eco-driving.. <i>Applied Ergonomics</i> , <b>2022</b> , 101, 103680	4.2	0
28	Using Cognitive Work Analysis to Inform Policy Recommendations to Support Fuel-Efficient Driving. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 376-385	0.4	0
27	OESDs in an on-road study of semi-automated vehicle to human driver handovers. <i>Cognition, Technology and Work</i> , 1	2.9	0
26	Sociotechnical analysis of the Uber collision with a pedestrian: Actor Maps and AcciMaps. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2019</b> , 63, 1686-1691	0.4	0
25	The Benefit of Assisted and Unassisted Eco-Driving for Electrified Powertrains. <i>IEEE Transactions on Human-Machine Systems</i> , <b>2021</b> , 51, 403-407	4.1	0
24	Modelling Automation Human Driver Handovers Using Operator Event Sequence Diagrams. <i>Future Transportation</i> , <b>2021</b> , 1, 351-369		0



23	Exploring the Relationships between Demographics, Road Safety Attitudes, and Self-Reported Pedestrian Behaviours in Bangladesh. <i>Sustainability</i> , <b>2021</b> , 13, 10640	3.6	0
22	To utilize automation or not to utilize automation, that is the question: An evaluation of how drills and procedures impact optronics mast usage from a sociotechnical systems perspective. <i>Applied Ergonomics</i> , <b>2021</b> , 97, 103543	4.2	0
21	It's a circular argument: Examining how a novel configuration impacts information flow in submarine control rooms. <i>Applied Ergonomics</i> , <b>2021</b> , 97, 103534	4.2	0
20	Predicting and mitigating failures on the flight deck: An aircraft engine bird strike scenario.. <i>Ergonomics</i> , <b>2022</b> , 1-31	2.9	0
19	Human Factors and Ergonomics in Interactions with Sustainable Appliances and Devices <b>2018</b> , 111-133		
18	Encouraging Eco-driving with Multi-sensory Information. <i>Procedia Manufacturing</i> , <b>2015</b> , 3, 2474-2481	1.5	
17	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> , <b>2012</b> , 56, 363-367	0.4	
16	Using Work Domain Analysis to Evaluate the Impact of Digitization on Command and Control. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2008</b> , 52, 438-442	0.4	
15	Auditory Warning Affordances <b>2019</b> , 113-128		
14	Key Topics in Auditory Warnings <b>2019</b> , 345-360		
13	Assessing Situation Awareness Across Different Submarine Control Room Layouts. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 475-482	0.4	
12	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> , <b>2020</b> , 64, 188-192	0.4	
11	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> , <b>2020</b> , 64, 1750-1754	0.4	
10	How Do Hybrid Electric Vehicle Drivers Acquire Ecodriving Strategy Knowledge?. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 363-374	0.9	
9	Assessing Sonar and Target Motion Analysis Stations in a Submarine Control Room Using Cognitive Work Analysis. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 191-198	0.4	
8	Cognitive Compatibility of Motorcyclists and Drivers. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 214-222	0.9	
7	Human Factors Engineering as the Methodological Babel Fish: Translating User Needs into Software Design. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 1-17	0.9	
6	How do head coaches brief their athletes? Exploring transformational leadership behaviors in elite team sports. <i>Human Factors and Ergonomics in Manufacturing</i> , <b>2021</b> , 31, 506-515	1.4	

- 5 The quest for the ring: a case study of a new submarine control room configuration. *Ergonomics*, **2021**, 1-23 2.9
- 4 Evaluating the Impact of Increased Volume of Data Transmission on Teleoperated Vehicles. *Advances in Intelligent Systems and Computing*, **2020**, 645-655 0.4
- 3 Evaluating the Effectiveness of a Novel Team Development Intervention on Teamwork. *Advances in Intelligent Systems and Computing*, **2020**, 422-434 0.4
- 2 Interfaces with Legs? Documenting the Design Sprint of Prototype Future Submarine Control Room User Interfaces. *Advances in Intelligent Systems and Computing*, **2020**, 669-680 0.4
- 1 Situation Awareness and Automated Shuttles: A Multi-road User Analysis. *Lecture Notes in Networks and Systems*, **2021**, 393-400 0.5