Erik Hollnagel

List of Publications by Year
in descending order

Version: 2024-02-01

75 papers	4,440 citations	117571 34 h-index	133188 59 g-index
77 all docs	77 docs citations	77 times ranked	2468 citing authors

#	Article	IF	Citations
1	A systems analysis of the COVID-19 pandemic response in the United Kingdom â€“ Part 1 â€“ The overall context. Safety Science, 2022, 146, 105525.	2.6	12
2	On the brink of disruption: Applying Resilience Engineering to anticipate system performance under crisis. Applied Ergonomics, 2022, 99, 103632.	1.7	25
3	A day when (Almost) nothing happened. Safety Science, 2022, 147, 105631.	2.6	7
4	Analysing the interactions and complexities of the operations in the production area of an FPSO platform using the functional resonance analysis method (FRAM). Arabian Journal of Geosciences, 2022, 15, 1.	0.6	3
5	Analysing human factors and non-technical skills in offshore drilling operations using FRAM (functional resonance analysis method). Cognition, Technology and Work, 2021, 23, 553-566.	1.7	17
6	A novel approach to explore Safety-I and Safety-II perspectives in in situ simulationsâ€”the structured what if functional resonance analysis methodology. Advances in Simulation, 2021, 6, 21.	1.0	19
7	FRAM AHP approach to analyse offshore oil well drilling and construction focused on human factors. Cognition, Technology and Work, 2020, 22, 653-665.	1.7	24
8	Measurement of resilience potential - development of a resilience assessment grid for emergency departments. PLoS ONE, 2020, 15, e0239472.	1.1	16
9	Resilient Health Care as the basis for teaching patient safety â€“ A Safety-II critique of the World Health Organisation patient safety curriculum. Safety Science, 2019, 118, 15-21.	2.6	18
10	License to intervene: the role of team adaptation in balancing structure and flexibility in offshore operations. WMU Journal of Maritime Affairs, 2019, 18, 103-128.	1.4	8
11	â€œFailure-to-Identifyâ€•Hunting Incidents: A Resilience Engineering Approach. Human Factors, 2018, 60, 141-159.	2.1	15
12	Learn from what goes right: A demonstration of a new systematic method for identification of leading indicators in healthcare. Reliability Engineering and System Safety, 2018, 169, 187-198.	5.1	35
13	Application of a non-linear model to understand healthcare processes: using the functional resonance analysis method on a case study of the early detection of sepsis. Reliability Engineering and System Safety, 2018, 177, 1-11.	5.1	42
14	Predictors of the effectiveness of accreditation on hospital performance: A nationwide stepped-wedge study. International Journal for Quality in Health Care, 2017, 29, 477-483.	0.9	18
15	Compliance with accreditation and recommended hospital careâ€”a Danish nationwide population-based study. International Journal for Quality in Health Care, 2017, 29, 625-633.	0.9	21
16	Proposing leading indicators for blood sampling: application of a method based on the principles of resilient healthcare. Cognition, Technology and Work, 2017, 19, 809-817.	1.7	21
17	Blood sampling - Two sides to the story. Applied Ergonomics, 2017, 59, 234-242.	1.7	51
18	Improvement in quality of hospital care during accreditation: A nationwide stepped-wedge study. International Journal for Quality in Health Care, 2016, 28, 715-720.	0.9	44

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19	Resilience Engineering: A New Understanding of Safety. Journal of the Ergonomics Society of Korea, 2016, 35, 185-191.	0.1	29
20	Where the rubber meets the road: using FRAM to align work-as-imagined with work-as-done when implementing clinical guidelines. Implementation Science, 2015, 10, 125.	2.5	166
21	Compliance with hospital accreditation and patient mortality: a Danish nationwide population-based study. International Journal for Quality in Health Care, 2015, 27, 165-174.	0.9	44
22	Modelling Vessel Traffic Service to understand resilience in everyday operations. Reliability Engineering and System Safety, 2015, 141, 10-21.	5.1	83
23	Is compliance with hospital accreditation associated with length of stay and acute readmission? A Danish nationwide population-based study. International Journal for Quality in Health Care, 2015, 27, 451-458.	0.9	19
24	Accreditation and improvement in process quality of care: a nationwide study. International Journal for Quality in Health Care, 2015, 27, 336-343.	0.9	41
25	Control and Resilience Within the Maritime Traffic Management Domain. Journal of Cognitive Engineering and Decision Making, 2014, 8, 303-317.	0.9	28
26	Resilience in Everyday Operations. Journal of Cognitive Engineering and Decision Making, 2014, 8, 78-97.	0.9	77
27	Human factors/ergonomics as a systems discipline? â€œThe human use of human beingsâ€•revisited. Applied Ergonomics, 2014, 45, 40-44.	1.7	58
28	Resilience engineering and the built environment. Building Research and Information, 2014, 42, 221-228.	2.0	97
29	I want to believe: some myths about the management of industrial safety. Cognition, Technology and Work, 2014, 16, 13-23.	1.7	46
30	Is safety a subject for science?. Safety Science, 2014, 67, 21-24.	2.6	122
31	Resilience and Resilience Engineering in Health Care. Joint Commission Journal on Quality and Patient Safety, 2014, 40, 376-383.	0.4	93
32	Maritime human factors and IMO policy. Maritime Policy and Management, 2013, 40, 243-260.	1.9	60
33	THE FUKUSHIMA DISASTER â€“ SYSTEMIC FAILURES AS THE LACK OF RESILIENCE. Nuclear Engineering and Technology, 2013, 45, 13-20.	1.1	85
34	Coping with complexity: past, present and future. Cognition, Technology and Work, 2012, 14, 199-205.	1.7	69
35	From Titanic to Costa Concordiaâ€”a century of lessons not learned. WMU Journal of Maritime Affairs, 2012, 11, 151-167.	1.4	108
36	The context and habits of accident investigation practices: A study of 108 Swedish investigators. Safety Science, 2010, 48, 859-867.	2.6	40

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37	What you find is not always what you fixâ€"How other aspects than causes of accidents decide recommendations for remedial actions. Accident Analysis and Prevention, 2010, 42, 2132-2139.	3.0	80
38	What-You-Look-For-Is-What-You-Find â€“ The consequences of underlying accident models in eight accident investigation manuals. Safety Science, 2009, 47, 1297-1311.	2.6	252
39	Risk+barriers=safety?. Safety Science, 2008, 46, 221-229.	2.6	173
40	Flight decks and free flight: Where are the system boundaries?. Applied Ergonomics, 2007, 38, 409-416.	1.7	31
41	Pre-requisites for large scale coordination. Cognition, Technology and Work, 2007, 9, 5-13.	1.7	25
42	Task Analysis: Why, What, and How. , 2006, , 371-383.		24
43	A probabilistic approach for determining the control mode in CREAM. Reliability Engineering and System Safety, 2006, 91, 191-199.	5.1	81
44	Planning, Control, and Adaptation:. European Management Journal, 2005, 23, 118-131.	3.1	26
45	The ISI and the CTW. Cognition, Technology and Work, 2005, 7, 1-2.	1.7	0
46	Human factors and folk models. Cognition, Technology and Work, 2004, 6, 79-86.	1.7	143
47	Failures without errors: quantification of context in HRA. Reliability Engineering and System Safety, 2004, 83, 145-151.	5.1	69
48	Time and time again. Theoretical Issues in Ergonomics Science, 2002, 3, 143-158.	1.0	81
49	Integrated computerisation of operating procedures. Nuclear Engineering and Design, 2002, 213, 289-301.	0.8	21
50	Extended cognition and the future of ergonomics. Theoretical Issues in Ergonomics Science, 2001, 2, 309-315.	1.0	39
51	Enhancing Operator Control by Adaptive Alarm Presentation. International Journal of Cognitive Ergonomics, 2001, 5, 367-384.	0.3	12
52	The Rational Choice Of â€œErrorâ€• Cognition, Technology and Work, 2000, 2, 179-181.	1.7	5
53	Humanâ€“machine function allocation: a functional modelling approach. Reliability Engineering and System Safety, 1999, 64, 291-300.	5.1	39
54	Error mode prediction. Ergonomics, 1999, 42, 1457-1471.	1.1	41

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55	Commentary Comments on 'Conception of the cognitive engineering design problem' by John Dowell and John Long. Ergonomics, 1998, 41, 160-162.	1.1	15
56	Cognitive ergonomics: it's all in the mind. Ergonomics, 1997, 40, 1170-1182.	1.1	92
57	Human interaction with technology: The accidental user. Acta Psychologica, 1996, 91, 345-358.	0.7	23
58	Reliability analysis and operator modelling. Reliability Engineering and System Safety, 1996, 52, 327-337.	5.1	49
59	Guidelines for computerized presentation of emergency operating procedures. Nuclear Engineering and Design, 1996, 167, 113-127.	0.8	45
60	Cognitive functions and automation: principles of human-centred automation. Advances in Human Factors/Ergonomics, 1995, 20, 971-976.	0.1	2
61	The phenotype of erroneous actions. International Journal of Man-Machine Studies, 1993, 39, 1-32.	0.7	153
62	Requirements for dynamic modelling of man-machine interaction. Nuclear Engineering and Design, 1993, 144, 375-384.	0.8	14
63	The design of fault tolerant systems: Prevention is better than cure. Reliability Engineering and System Safety, 1992, 36, 231-237.	5.1	12
64	The reliability of man-machine interaction. Reliability Engineering and System Safety, 1992, 38, 81-89.	5.1	9
65	The pragmatic and the academic view on expert systems. Expert Systems With Applications, 1991, 3, 179-185.	4.4	0
66	Plan recognition in modelling of users. Reliability Engineering and System Safety, 1988, 22, 129-136.	5.1	8
67	Commentary: Issues in knowledge-based decision support. International Journal of Man-Machine Studies, 1987, 27, 743-751.	0.7	11
68	Information and reasoning in intelligent decision support systems. International Journal of Man-Machine Studies, 1987, 27, 665-678.	0.7	42
69	Cognitive Systems Engineering: New wine in new bottles. International Journal of Man-Machine Studies, 1983, 18, 583-600.	0.7	468
70	What we do not know about man-machine systems. International Journal of Man-Machine Studies, 1983, 18, 135-143.	0.7	22
71	Is information science an anomalous state of knowledge?. Journal of Information Science, 1980, 2, 183-187.	2.0	6
72	The Paradigm for Understanding . in Hermeneutics and Cognition. Journal of Phenomenological Psychology, 1978, 9, 188-217.	0.7	4

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73	Human information processing capacity in counting several things simultaneously. Scandinavian Journal of Psychology, 1974, 15, 43-49.	0.8	4
74	Joint Cognitive Systems. , 0, , .		544
75	Safety-II in Practice. , 0, , .		98