

# Erik Hollnagel

## List of Publications by Year in descending order

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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	Joint Cognitive Systems. , 0, , .		544
2	Cognitive Systems Engineering: New wine in new bottles. International Journal of Man-Machine Studies, 1983, 18, 583-600.	0.7	468
3	What-You-Look-For-Is-What-You-Find â€œ The consequences of underlying accident models in eight accident investigation manuals. Safety Science, 2009, 47, 1297-1311.	2.6	252
4	Risk+barriers=safety?. Safety Science, 2008, 46, 221-229.	2.6	173
5	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
6	The phenotype of erroneous actions. International Journal of Man-Machine Studies, 1993, 39, 1-32.	0.7	153
7	Human factors and folk models. Cognition, Technology and Work, 2004, 6, 79-86.	1.7	143
8	Is safety a subject for science?. Safety Science, 2014, 67, 21-24.	2.6	122
9	From Titanic to Costa Concordiaâ€”a century of lessons not learned. WMU Journal of Maritime Affairs, 2012, 11, 151-167.	1.4	108
10	Safety-II in Practice. , 0, , .		98
11	Resilience engineering and the built environment. Building Research and Information, 2014, 42, 221-228.	2.0	97
12	Resilience and Resilience Engineering in Health Care. Joint Commission Journal on Quality and Patient Safety, 2014, 40, 376-383.	0.4	93
13	Cognitive ergonomics: it's all in the mind. Ergonomics, 1997, 40, 1170-1182.	1.1	92
14	THE FUKUSHIMA DISASTER â€œ SYSTEMIC FAILURES AS THE LACK OF RESILIENCE. Nuclear Engineering and Technology, 2013, 45, 13-20.	1.1	85
15	Modelling Vessel Traffic Service to understand resilience in everyday operations. Reliability Engineering and System Safety, 2015, 141, 10-21.	5.1	83
16	Time and time again. Theoretical Issues in Ergonomics Science, 2002, 3, 143-158.	1.0	81
17	A probabilistic approach for determining the control mode in CREAM. Reliability Engineering and System Safety, 2006, 91, 191-199.	5.1	81
18	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

#	ARTICLE	IF	CITATIONS
19	Resilience in Everyday Operations. <i>Journal of Cognitive Engineering and Decision Making</i> , 2014, 8, 78-97.	0.9	77
20	Failures without errors: quantification of context in HRA. <i>Reliability Engineering and System Safety</i> , 2004, 83, 145-151.	5.1	69
21	Coping with complexity: past, present and future. <i>Cognition, Technology and Work</i> , 2012, 14, 199-205.	1.7	69
22	Maritime human factors and IMO policy. <i>Maritime Policy and Management</i> , 2013, 40, 243-260.	1.9	60
23	Human factors/ergonomics as a systems discipline? – The human use of human beings – revisited. <i>Applied Ergonomics</i> , 2014, 45, 40-44.	1.7	58
24	Blood sampling - Two sides to the story. <i>Applied Ergonomics</i> , 2017, 59, 234-242.	1.7	51
25	Reliability analysis and operator modelling. <i>Reliability Engineering and System Safety</i> , 1996, 52, 327-337.	5.1	49
26	I want to believe: some myths about the management of industrial safety. <i>Cognition, Technology and Work</i> , 2014, 16, 13-23.	1.7	46
27	Guidelines for computerized presentation of emergency operating procedures. <i>Nuclear Engineering and Design</i> , 1996, 167, 113-127.	0.8	45
28	Compliance with hospital accreditation and patient mortality: a Danish nationwide population-based study. <i>International Journal for Quality in Health Care</i> , 2015, 27, 165-174.	0.9	44
29	Improvement in quality of hospital care during accreditation: A nationwide stepped-wedge study. <i>International Journal for Quality in Health Care</i> , 2016, 28, 715-720.	0.9	44
30	Information and reasoning in intelligent decision support systems. <i>International Journal of Man-Machine Studies</i> , 1987, 27, 665-678.	0.7	42
31	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. <i>Reliability Engineering and System Safety</i> , 2018, 177, 1-11.	5.1	42
32	Error mode prediction. <i>Ergonomics</i> , 1999, 42, 1457-1471.	1.1	41
33	Accreditation and improvement in process quality of care: a nationwide study. <i>International Journal for Quality in Health Care</i> , 2015, 27, 336-343.	0.9	41
34	The context and habits of accident investigation practices: A study of 108 Swedish investigators. <i>Safety Science</i> , 2010, 48, 859-867.	2.6	40
35	Human – machine function allocation: a functional modelling approach. <i>Reliability Engineering and System Safety</i> , 1999, 64, 291-300.	5.1	39
36	Extended cognition and the future of ergonomics. <i>Theoretical Issues in Ergonomics Science</i> , 2001, 2, 309-315.	1.0	39

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37	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
38	Flight decks and free flight: Where are the system boundaries?. Applied Ergonomics, 2007, 38, 409-416.	1.7	31
39	Resilience Engineering: A New Understanding of Safety. Journal of the Ergonomics Society of Korea, 2016, 35, 185-191.	0.1	29
40	Control and Resilience Within the Maritime Traffic Management Domain. Journal of Cognitive Engineering and Decision Making, 2014, 8, 303-317.	0.9	28
41	Planning, Control, and Adaptation:. European Management Journal, 2005, 23, 118-131.	3.1	26
42	Pre-requisites for large scale coordination. Cognition, Technology and Work, 2007, 9, 5-13.	1.7	25
43	On the brink of disruption: Applying Resilience Engineering to anticipate system performance under crisis. Applied Ergonomics, 2022, 99, 103632.	1.7	25
44	Task Analysis: Why, What, and How. , 2006, , 371-383.		24
45	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
46	Human interaction with technology: The accidental user. Acta Psychologica, 1996, 91, 345-358.	0.7	23
47	What we do not know about man-machine systems. International Journal of Man-Machine Studies, 1983, 18, 135-143.	0.7	22
48	Integrated computerisation of operating procedures. Nuclear Engineering and Design, 2002, 213, 289-301.	0.8	21
49	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
50	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
51	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
52	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
53	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
54	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

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55	Analysing human factors and non-technical skills in offshore drilling operations using FRAM (functional resonance analysis method). <i>Cognition, Technology and Work</i> , 2021, 23, 553-566.	1.7	17
56	Measurement of resilience potential - development of a resilience assessment grid for emergency departments. <i>PLoS ONE</i> , 2020, 15, e0239472.	1.1	16
57	Commentary Comments on 'Conception of the cognitive engineering design problem' by John Dowell and John Long. <i>Ergonomics</i> , 1998, 41, 160-162.	1.1	15
58	“Failure-to-Identify” Hunting Incidents: A Resilience Engineering Approach. <i>Human Factors</i> , 2018, 60, 141-159.	2.1	15
59	Requirements for dynamic modelling of man-machine interaction. <i>Nuclear Engineering and Design</i> , 1993, 144, 375-384.	0.8	14
60	The design of fault tolerant systems: Prevention is better than cure. <i>Reliability Engineering and System Safety</i> , 1992, 36, 231-237.	5.1	12
61	Enhancing Operator Control by Adaptive Alarm Presentation. <i>International Journal of Cognitive Ergonomics</i> , 2001, 5, 367-384.	0.3	12
62	A systems analysis of the COVID-19 pandemic response in the United Kingdom “ Part 1 ” The overall context. <i>Safety Science</i> , 2022, 146, 105525.	2.6	12
63	Commentary: Issues in knowledge-based decision support. <i>International Journal of Man-Machine Studies</i> , 1987, 27, 743-751.	0.7	11
64	The reliability of man-machine interaction. <i>Reliability Engineering and System Safety</i> , 1992, 38, 81-89.	5.1	9
65	Plan recognition in modelling of users. <i>Reliability Engineering and System Safety</i> , 1988, 22, 129-136.	5.1	8
66	License to intervene: the role of team adaptation in balancing structure and flexibility in offshore operations. <i>WMU Journal of Maritime Affairs</i> , 2019, 18, 103-128.	1.4	8
67	A day when (Almost) nothing happened. <i>Safety Science</i> , 2022, 147, 105631.	2.6	7
68	Is information science an anomalous state of knowledge?. <i>Journal of Information Science</i> , 1980, 2, 183-187.	2.0	6
69	The Rational Choice Of “Error”. <i>Cognition, Technology and Work</i> , 2000, 2, 179-181.	1.7	5
70	Human information processing capacity in counting several things simultaneously. <i>Scandinavian Journal of Psychology</i> , 1974, 15, 43-49.	0.8	4
71	The Paradigm for Understanding . in Hermeneutics and Cognition. <i>Journal of Phenomenological Psychology</i> , 1978, 9, 188-217.	0.7	4
72	Analysing the interactions and complexities of the operations in the production area of an FPSO platform using the functional resonance analysis method (FRAM). <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	3

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73	Cognitive functions and automation: principles of human-centred automation. <i>Advances in Human Factors/Ergonomics</i> , 1995, 20, 971-976.	0.1	2
74	The pragmatic and the academic view on expert systems. <i>Expert Systems With Applications</i> , 1991, 3, 179-185.	4.4	0
75	The ISI and the CTW. <i>Cognition, Technology and Work</i> , 2005, 7, 1-2.	1.7	0