Sidney Dekker

List of Publications by Year
in descending order

126 papers	4,752 citations	147566 31 h-index	118652 62 g-index
138 all docs	138 docs citations	138 times ranked	2926 citing authors

#	Article	IF	Citations
1	The effects of job insecurity on psychological health and withdrawal: A longitudinal study. Australian Psychologist, 1995, 30, 57-63.	0.9	387
2	The complexity of failure: Implications of complexity theory for safety investigations. Safety Science, 2011, 49, 939-945.	2.6	251
3	MABA-MABA or Abracadabra? Progress on Human-Automation Co-ordination. Cognition, Technology and Work, 2002, 4, 240-244.	1.7	231
4	Reconstructing human contributions to accidents: the new view on error and performance. Journal of Safety Research, 2002, 33, 371-385.	1.7	226
5	Failure to adapt or adaptations that fail: contrasting models on procedures and safety. Applied Ergonomics, 2003, 34, 233-238.	1.7	212
6	Anticipating the effects of technological change: A new era of dynamics for human factors. Theoretical Issues in Ergonomics Science, 2000, 1, 272-282.	1.0	170
7	The need for a systems theory approach to road safety. Safety Science, 2010, 48, 1167-1174.	2.6	167
8	The bureaucratization of safety. Safety Science, 2014, 70, 348-357.	2.6	146
9	Human factors and folk models. Cognition, Technology and Work, 2004, 6, 79-86.	1.7	143
10	Safety II professionals: How resilience engineering can transform safety practice. Reliability Engineering and System Safety, 2020, 195, 106740.	5.1	118
11	â€˜Just culture:â€™ Improving safety by achieving substantive, procedural and restorative justice. Safety Science, 2016, 85, 187-193.	2.6	113
12	On Your Watch: Automation on the Bridge. Journal of Navigation, 2002, 55, 83-96.	1.0	91
13	Predicting pilot error: Testing a new methodology and a multi-methods and analysts approach. Applied Ergonomics, 2009, 40, 464-471.	1.7	84
14	Just culture: who gets to draw the line?. Cognition, Technology and Work, 2009, 11, 177-185.	1.7	80
15	Ergonomics and sustainability: towards an embrace of complexity and emergence. Ergonomics, 2013, 56, 357-364.	1.1	71
16	Learning from organizational incidents: Resilience engineering for high-risk process environments. Process Safety Progress, 2009, 28, 90-95.	0.4	67
17	Bureaucracy, influence and beliefs: A literature review of the factors shaping the role of a safety professional. Safety Science, 2017, 98, 98-112.	2.6	65
18	The criminalization of human error in aviation and healthcare: A review. Safety Science, 2011, 49, 121-127.	2.6	64

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19	LAPAROSCOPIC BILE DUCT INJURY: UNDERSTANDING THE PSYCHOLOGY AND HEURISTICS OF THE ERROR. ANZ Journal of Surgery, 2008, 78, 1109-1114.	0.3	59
20	Drifting into failure: theorising the dynamics of disaster incubation. Theoretical Issues in Ergonomics Science, 2014, 15, 534-544.	1.0	56
21	Behind Human Error. , 0, , .		55
22	To Intervene or not to Intervene: The Dilemma of Management by Exception. Cognition, Technology and Work, 1999, 1, 86-96.	1.7	51
23	Complicated, complex, and compliant: best practice in obstetrics. Cognition, Technology and Work, 2013, 15, 189-195.	1.7	47
24	The danger of losing situation awareness. Cognition, Technology and Work, 2015, 17, 159-161.	1.7	45
25	Safety Differently. , 0, , .		45
26	Illusions of Explanation:A Critical Essay on Error Classification. The International Journal of Aviation Psychology, 2003, 13, 95-106.	0.7	44
27	The systems approach to medicine: controversy and misconceptions. BMJ Quality and Safety, 2015, 24, 7-9.	1.8	44
28	A Systems Approach to Analyzing and Preventing Hospital Adverse Events. Journal of Patient Safety, 2020, 16, 162-167.	0.7	44
29	The Field Guide to Human Error Investigations. , 0, , .		44
30	Are safety investigations pro-active?. Safety Science, 2012, 50, 1422-1430.	2.6	41
31	Examining the asymptote in safety progress: a literature review. International Journal of Occupational Safety and Ergonomics, 2016, 22, 57-65.	1.1	39
32	Setting culture apart: Distinguishing culture from behavior and social structure in safety and injury research. Accident Analysis and Prevention, 2014, 68, 25-29.	3.0	35
33	Using a procedure doesn't mean following it: A cognitive systems approach to how a cockpit manages emergencies. Safety Science, 2016, 89, 147-157.	2.6	35
34	Predicting design induced pilot error using HET (human error template) – A new formal human error identification method for flight decks. Aeronautical Journal, 2006, 110, 107-115.	1.1	34
35	Situation awareness: some remaining questions. Theoretical Issues in Ergonomics Science, 2010, 11, 131-135.	1.0	33
36	Safety clutter: the accumulation and persistence of 'safety' work that does not contribute to operational safety. Policy and Practice in Health and Safety, 2018, 16, 194-211.	0.5	33

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37	Playing twenty questions with nature (the surprise version): reflections on the dynamics of experience. Theoretical Issues in Ergonomics Science, 2008, 9, 125-154.	1.0	32
38	The psychology of accident investigation: epistemological, preventive, moral and existential meaning-making. Theoretical Issues in Ergonomics Science, 2015, 16, 202-213.	1.0	32
39	Doctors Are More Dangerous Than Gun Owners: A Rejoinder to Error Counting. Human Factors, 2007, 49, 177-184.	2.1	30
40	There is safety in power, or power in safety. Safety Science, 2014, 67, 44-49.	2.6	30
41	The constitution and effects of safety culture as an object in the discourse of accident prevention: A Foucauldian approach. Safety Science, 2014, 70, 465-476.	2.6	29
42	When a checklist is not enough: How to improve them and what else is needed. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 585-592.	0.4	28
43	From contextual inquiry to designable futures: what do we need to get there?. IEEE Intelligent Systems, 2003, 18, 74-77.	4.0	27
44	How can ergonomics influence design? Moving from research findings to future systems. Ergonomics, 2004, 47, 1624-1639.	1.1	27
45	Complexity, signal detection, and the application of ergonomics: Reflections on a healthcare case study. Applied Ergonomics, 2012, 43, 468-472.	1.7	27
46	Inconvenient truths in suicide prevention: Why a Restorative Just Culture should be implemented alongside a Zero Suicide Framework. Australian and New Zealand Journal of Psychiatry, 2020, 54, 571-581.	1.3	27
47	Obstacles to research on the effects of interruptions in healthcare. BMJ Quality and Safety, 2016, 25, 392-395.	1.8	26
48	Benefactor or burden: Exploring the professional identity of safety professionals. Journal of Safety Research, 2018, 66, 21-32.	1.7	25
49	Epistemological Self-Confidence in Human Factors Research. Journal of Cognitive Engineering and Decision Making, 2010, 4, 27-38.	0.9	24
50	Paradoxes of power: the separation of knowledge and authority in international disaster relief work. Disaster Prevention and Management, 2003, 12, 312-318.	0.6	23
51	An ethnography of the safety professional's dilemma: Safety work or the safety of work?. Safety Science, 2019, 117, 276-289.	2.6	23
52	Understanding Variance in Pilot Performance Ratings. Aviation Psychology and Applied Human Factors, 2013, 3, 53-62.	0.3	23
53	Mode Monitoring and Call-Outs: An Eye-Tracking Study of Two-Crew Automated Flight Deck Operations. The International Journal of Aviation Psychology, 2006, 16, 263-275.	0.7	22
54	Zero vision and a Western salvation narrative. Safety Science, 2016, 88, 219-223.	2.6	22

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55	How a cockpit calculates its speeds and why errors while doing this are so hard to detect. Cognition, Technology and Work, 2011, 13, 217-231.	1.7	21
56	Resilience Engineering: Chronicling the Emergence of Confused Consensus. , 2017, , 77-92.		21
57	The Safety Anarchist. , 0, , .		21
58	Accidents are Normal and Human Error Does Not Exist: A New Look at the Creation of Occupational Safety. International Journal of Occupational Safety and Ergonomics, 2003, 9, 211-218.	1.1	20
59	The theory-practice gap: epistemology, identity, and education. Education and Training, 2014, 56, 521-536.	1.7	20
60	How deregulation can become overregulation: An empirical study into the growth of internal bureaucracy when governments take a step back. Safety Science, 2020, 128, 104772.	2.6	20
61	On the epistemology and ethics of communicating a Cartesian consciousness. Safety Science, 2013, 56, 96-99.	2.6	19
62	The High Reliability Organization Perspective. , 2010, , 123-143.		18
63	Radio, someone still loves you! Talkback radio and community emergence during disasters. Continuum, 2013, 27, 365-381.	0.5	18
64	Exploring the Use of Categories in the Assessment of Airline Pilotsâ€™ Performance as a Potential Source of Examinersâ€™ Disagreement. Journal of Cognitive Engineering and Decision Making, 2014, 8, 248-264.	0.9	17
65	A just culture after Mid Staffordshire. BMJ Quality and Safety, 2014, 23, 356-358.	1.8	17
66	Safety after neoliberalism. Safety Science, 2020, 125, 104630.	2.6	16
67	CRIMINALIZATION OF MEDICAL ERROR: WHO DRAWS THE LINE?. ANZ Journal of Surgery, 2007, 77, 831-837.	0.3	15
68	Team Coordination in Escalating Situations: An Empirical Study Using Midâ€Fidelity Simulation. Journal of Contingencies and Crisis Management, 2010, 18, 220-230.	1.6	15
69	Everyday work investigations for safety. Theoretical Issues in Ergonomics Science, 2018, 19, 213-228.	1.0	15
70	Crew Situation Awareness in High-Tech Settings: Tactics for Research Into an Ill-Defined Phenomenon. Transportation Human Factors, 2000, 2, 49-62.	0.3	15
71	Decision support in fighter aircraft: from expert systems to cognitive modelling. Behaviour and Information Technology, 2003, 22, 175-184.	2.5	14
72	We Have Newton on a Retainer: Reductionism When We Need Systems Thinking. Joint Commission Journal on Quality and Patient Safety, 2010, 36, 147-149.	0.4	14

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73	What is rational about killing a patient with an overdose? Enlightenment, continental philosophy and the role of the human subject in system failure. Ergonomics, 2011, 54, 679-683.	1.1	14
74	There are no qualitative methods â€" nor quantitative for that matter: the misleading rhetoric of the qualitativeâ€"quantitative argument. Theoretical Issues in Ergonomics Science, 2011, 12, 408-415.	1.0	14
75	Second victims, organizational resilience and the role of hospital administration. Journal of Hospital Administration, 2014, 3, 95.	0.0	14
76	Zero Vision: enlightenment and new religion. Policy and Practice in Health and Safety, 2017, 15, 101-107.	0.5	14
77	Sharing the Burden of Flight Deck Automation Training. The International Journal of Aviation Psychology, 2000, 10, 317-326.	0.7	13
78	Discontinuity and Disaster: Gaps and the Negotiation of Culpability in Medication Delivery. Journal of Law, Medicine and Ethics, 2007, 35, 463-470.	0.4	13
79	Restorative Just Culture: a Study of the Practical and Economic Effects of Implementing Restorative Justice in an NHS Trust. MATEC Web of Conferences, 2019, 273, 01007.	0.1	13
80	SA Anno 1995. Journal of Cognitive Engineering and Decision Making, 2015, 9, 51-54.	0.9	12
81	Models of Automation Surprise: Results of a Field Survey in Aviation. Safety, 2017, 3, 20.	0.9	12
82	How Did Crew Resource Management Take-Off Outside of the Cockpit? A Systematic Review of How Crew Resource Management Training Is Conceptualised and Evaluated for Non-Pilots. Safety, 2017, 3, 26.	0.9	12
83	Using Forecasts of Future Incidents to Evaluate Future ATM System Designs. Air Traffic Control Quarterly, 1998, 6, 71-86.	0.7	11
84	The social process of escalation: a promising focus for crisis management research. BMC Health Services Research, 2012, 12, 161.	0.9	11
85	Weak Links in the Chain of Authority: The Challenges of Intervention Decisions to Protect Civilians. International Peacekeeping, 2014, 21, 307-323.	0.4	11
86	From figments to figures: ontological alchemy in human factors research. Cognition, Technology and Work, 2015, 17, 185-187.	1.7	11
87	How and why do subcontractors experience different safety on high-risk work sites?. Cognition, Technology and Work, 2017, 19, 785-794.	1.7	11
88	Eve and the Serpent: A Rational Choice to Err. Journal of Religion and Health, 2007, 46, 571-579.	0.8	10
89	Cognitive engineering and the moral theology and witchcraft of cause. Cognition, Technology and Work, 2012, 14, 207-212.	1.7	10
90	Managing accidents using retributive justice mechanisms: When the just culture policy gets done to you. Safety Science, 2020, 126, 104677.	2.6	10

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91	Pilot Performance During Multiple Failures: An Empirical Study of Different Warning Systems. Transportation Human Factors, 2000, 2, 63-76.	0.3	10
92	Learning from failures in emergency response: Two empirical studies. Journal of Emergency Management, 2008, 6, 64-70.	0.2	10
93	The ergonomics of flight management systems: fixing holes in the cockpit certification net. Applied Ergonomics, 2001, 32, 247-254.	1.7	9
94	Just culture: â€œEvidenceâ€, power and algorithms. Journal of Hospital Administration, 2013, 2, 73.	0.0	9
95	Situation awareness: some conditions of possibility. Theoretical Issues in Ergonomics Science, 2015, 16, 53-68.	1.0	9
96	The little engine who could not: â€œrehabilitatingâ€ the individual in safety research. Cognition, Technology and Work, 2013, 15, 277-282.	1.7	8
97	Deferring to expertise versus the prima donna syndrome: a managerâ€™s dilemma. Cognition, Technology and Work, 2014, 16, 541-548.	1.7	8
98	Zero commitment: commentary on Zwetsloot etÂal., and Sherratt and Dainty. Policy and Practice in Health and Safety, 2017, 15, 124-130.	0.5	8
99	Fetal monitoringâ€"a risky business for the unborn and for clinicians. BJOG: an International Journal of Obstetrics and Gynaecology, 2008, 115, 935-937.	1.1	7
100	Rasmussen's legacy and the long arm of rational choice. Applied Ergonomics, 2017, 59, 554-557.	1.7	7
101	Intervening in Interruptions: What Exactly Is the Risk We Are Trying to Manage?. Journal of Patient Safety, 2021, 17, e684-e688.	0.7	7
102	CREW RESOURCE MANAGEMENT GOLD RUSH: RESISTING AVIATION IMPERIALISM. ANZ Journal of Surgery, 2008, 78, 638-639.	0.3	6
103	The bad apple theory won't work: response to â€˜Challenging the systems approach: why adverse event rates are not improvingâ€™ by Dr Levitt. BMJ Quality and Safety, 2014, 23, 1050-1051.	1.8	6
104	HUD With a Velocity (Flight-Path) Vector Reduces Lateral Error During Landing in Restricted Visibility. The International Journal of Aviation Psychology, 2007, 17, 91-108.	0.7	5
105	IED casualties mask the real problem: it's us. Small Wars and Insurgencies, 2010, 21, 409-413.	0.6	5
106	Editorial for special issue â€" â€˜Systems thinking in workplace safety and healthâ€™. Accident Analysis and Prevention, 2014, 68, 1-4.	3.0	5
107	Writing plans instead of eliminating risks: How can written safety artefacts reduce safety?. Safety Science, 2022, 151, 105738.	2.6	5
108	Ergonomics as Authoritarian or Libertarian: Learning from Colin Ward's Politics of Design. Design Journal, 2014, 17, 91-114.	0.5	4

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109	Postanesthesia Care Handovers. Anesthesia and Analgesia, 2015, 121, 854-856.	1.1	4
110	Accident Report Interpretation. Safety, 2018, 4, 46.	0.9	4
111	A capacity index to replace flawed incident‐based metrics for worker safety. International Labour Review, 2022, 161, 375-393.	1.0	4
112	Modifying an accident process and its justice system â€" From single narratives and retribution to multiple stories and restoration. Safety Science, 2021, 139, 105248.	2.6	4
113	HUD With a Velocity (Flight-Path) Vector Reduces Lateral Error During Landing in Restricted Visibility. The International Journal of Aviation Psychology, 2007, 17, 91-108.	0.7	3
114	Assessing the sharp end: reflections on pilot performance assessment in the light ofSafety Differently. Theoretical Issues in Ergonomics Science, 2016, , 1-20.	1.0	3
115	A qualitative survey of factors shaping the role of a safety professional. Safety Science, 2022, 154, 105835.	2.6	3
116	Concepts and Models of Safety, Resilience, and Reliability. , 2017, , 25-37.		2
117	Learning from Failure. , 2013, , .		1
118	Heroes and Villains in Complex Socio-technical Systems. Advanced Sciences and Technologies for Security Applications, 2016, , 47-62.	0.4	1
119	Reconstructing the human contribution: reliably integrating human factors in investigations. Proceedings of the Institution of Civil Engineers: Forensic Engineering, 2018, 171, 107-111.	0.5	1
120	How Does Selective Reporting Distort Understanding of Workplace Injuries?. Safety, 2021, 7, 58.	0.9	1
121	Automation and its Impact on Human Cognition. , 2018, , 7-28.		1
122	Behind Subcontractor Risk: A Multiple Case Study Analysis of Mining and Natural Resources Fatalities. Safety, 2020, 6, 40.	0.9	0
123	Accidents in Transportation. , 2004, , 21-25.		0
124	Reconstructing Situated Performance in Human Error Investigations. , 2004, , 8-1-8-20.		0
125	The Migration of Authority in Tactical Decision Making. , 2017, , 233-242.		0
126	Flight crew and aircraft performance during RNAV approaches: studying the effects of throwing new technology at an old problem. , 2018, , 147-164.		0