Carl Macrae

List of Publications by Year
in descending order

45 papers	**1,289** citations	471509 **17** h-index	395702 **33** g-index
48 all docs	**48** docs citations	**48** times ranked	**1036** citing authors

#	ARTICLE	IF	CITATIONS
1	Learning from the Failure of Autonomous and Intelligent Systems: Accidents, Safety, and Sociotechnical Sources of Risk. Risk Analysis, 2022, 42, 1999-2025.	2.7	11
2	Toward Successful Implementation of Artificial Intelligence in Health Care Practice: Protocol for a Research Program. JMIR Research Protocols, 2022, 11, e34920.	1.0	15
3	Capacities for resilience in healthcare; a qualitative study across different healthcare contexts. BMC Health Services Research, 2022, 22, 474.	2.2	29
4	Exploring the nature of adaptive capacity for resilience in healthcare across different healthcare contexts; a metasynthesis of narratives. Applied Ergonomics, 2022, 104, 103810.	3.1	15
5	Evaluating a system-wide, safety investigation in healthcare course in Norway: a qualitative study. BMJ Open, 2022, 12, e058134.	1.9	0
6	Investigating Hospital Supervision: A Case Study of Regulatory Inspectors' Roles as Potential Co-creators of Resilience. Journal of Patient Safety, 2021, 17, 122-130.	1.7	7
7	Balancing adaptation and innovation for resilience in healthcare – a metasynthesis of narratives. BMC Health Services Research, 2021, 21, 759.	2.2	29
8	Robot Accident Investigation: A Case Study in Responsible Robotics. , 2021, , 165-187.		15
9	Exploring links between resilience and the macro-level development of healthcare regulation- a Norwegian case study. BMC Health Services Research, 2020, 20, 762.	2.2	16
10	Defining adaptive capacity in healthcare: A new framework for researching resilient performance. Applied Ergonomics, 2020, 87, 103111.	3.1	82
11	Redesigning safety regulation in the NHS. BMJ, The, 2020, 368, m760.	6.0	4
12	Defining the boundaries and operational concepts of resilience in the resilience in healthcare research program. BMC Health Services Research, 2020, 20, 330.	2.2	135
13	Health Economic and Safety Considerations for Artificial Intelligence Applications in Diabetic Retinopathy Screening. Translational Vision Science and Technology, 2020, 9, 22.	2.2	39
14	Hospital managers' perspectives with implementing quality improvement measures and a new regulatory framework: a qualitative case study. BMJ Open, 2020, 10, e042847.	1.9	12
15	Investigating for improvement? Five strategies to ensure national patient safety investigations improve patient safety. Journal of the Royal Society of Medicine, 2019, 112, 365-369.	2.0	5
16	Can we import improvements from industry to healthcare?. BMJ: British Medical Journal, 2019, 364, l1039.	2.3	21
17	Governing the safety of artificial intelligence in healthcare. BMJ Quality and Safety, 2019, 28, 495-498.	3.7	66
18	Patient safety regulation in the NHS: mapping the regulatory landscape of healthcare. BMJ Open, 2019, 9, e028663.	1.9	19

#	Article	IF	Citations
19	Delivering high reliability in maternity care: In situ simulation as a source of organisational resilience. Safety Science, 2019, 117, 490-500.	4.9	37
20	Resilience: From Practice to Theory and Back Again. SpringerBriefs in Applied Sciences and Technology, 2019, , 121-128.	0.4	17
21	Moments of Resilience: Time, Space and the Organisation of Safety in Complex Sociotechnical Systems. SpringerBriefs in Applied Sciences and Technology, 2019, , 15-23.	0.4	19
22	Emergency Manuals. Anesthesiology Clinics, 2018, 36, 45-62.	1.4	15
23	When no news is bad news: communication failures and the hidden assumptions that threaten safety. Journal of the Royal Society of Medicine, 2018, 111, 5-7.	2.0	4
24	Measurement and monitoring of safety: impact and challenges of putting a conceptual framework into practice. BMJ Quality and Safety, 2018, 27, 818-826.	3.7	16
25	Introducing national healthcare safety investigation bodies. British Journal of Surgery, 2018, 105, 1710-1712.	0.3	9
26	Imitating Incidents. Simulation in Healthcare, 2018, 13, 227-232.	1.2	19
27	Safety investigation practices can be adapted from aviation for use in healthcare. BMJ: British Medical Journal, 2018, 361, k2822.	2.3	2
28	Remembering to learn: the overlooked role of remembrance in safety improvement. BMJ Quality and Safety, 2017, 26, 678-682.	3.7	5
29	A new national safety investigator for healthcare: the road ahead. Journal of the Royal Society of Medicine, 2017, 110, 90-92.	2.0	12
30	Safety analysis over time: seven major changes to adverse event investigation. Implementation Science, 2017, 12, 151.	6.9	41
31	Author response: from analysis to learning. BMJ Quality and Safety, 2016, 25, 134-134.	3.7	1
32	The problem with incident reporting: TableÂ1. BMJ Quality and Safety, 2016, 25, 71-75.	3.7	233
33	Learning from failure: the need for independent safety investigation in healthcare. Journal of the Royal Society of Medicine, 2014, 107, 439-443.	2.0	43
34	Early warnings, weak signals and learning from healthcare disasters. BMJ Quality and Safety, 2014, 23, 440-445.	3.7	69
35	Close Calls. , 2014, , .		54
36	Searching for Risk and Resilience. , 2014, , 1-24.		4

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37	The harm susceptibility model: a method to prioritise risks identified in patient safety reporting systems. BMJ Quality and Safety, 2010, 19, 440-445.	3.7	8
38	Human factors at sea: common patterns of error in groundings and collisions. Maritime Policy and Management, 2009, 36, 21-38.	3.8	76
39	Making risks visible: Identifying and interpreting threats to airline flight safety. Journal of Occupational and Organizational Psychology, 2009, 82, 273-293.	4.5	19
40	Risk in Social Science â€" Edited by P. Taylor-Gooby and J. Zinn Beyond the Risk Society: Critical Reflections on Risk and Human Security â€" Edited by G. Mythen and S. Walklate. British Journal of Sociology, 2008, 59, 175-177.	1.5	0
41	Learning from patient safety incidents: Creating participative risk regulation in healthcare. Health, Risk and Society, 2008, 10, 53-67.	1.7	36
42	Worst Cases: Terror and Catastrophe in the Popular Imagination ? By Lee Clarke. British Journal of Sociology, 2007, 58, 144-145.	1.5	0
43	Regulating resilience? Regulatory work in high-risk arenas. , 0, , 139-160.		25
44	Learning from the Failure of Autonomous and Intelligent Systems: Accidents, Safety and Sociotechnical Sources of Risk. SSRN Electronic Journal, 0, , .	0.4	3
45	From Blade Runners to Tin Kickers: what the governance of artificial intelligence safety needs to learn from air crash investigators. AI and Society, 0, , 1.	4.6	1