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	The problem with incident reporting: TableÂ1. BMJ Quality and Safety, 2016, 25, 71-75.	3.7	233
2	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
3	Defining adaptive capacity in healthcare: A new framework for researching resilient performance. Applied Ergonomics, 2020, 87, 103111.	3.1	82
4	Human factors at sea: common patterns of error in groundings and collisions. Maritime Policy and Management, 2009, 36, 21-38.	3.8	76
5	Early warnings, weak signals and learning from healthcare disasters. BMJ Quality and Safety, 2014, 23, 440-445.	3.7	69
6	Governing the safety of artificial intelligence in healthcare. BMJ Quality and Safety, 2019, 28, 495-498.	3.7	66
7	Close Calls. , 2014, , .		54
8	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
9	Safety analysis over time: seven major changes to adverse event investigation. Implementation Science, 2017, 12, 151.	6.9	41
10	Health Economic and Safety Considerations for Artificial Intelligence Applications in Diabetic Retinopathy Screening. Translational Vision Science and Technology, 2020, 9, 22.	2.2	39
11	Delivering high reliability in maternity care: In situ simulation as a source of organisational resilience. Safety Science, 2019, 117, 490-500.	4.9	37
12	Learning from patient safety incidents: Creating participative risk regulation in healthcare. Health, Risk and Society, 2008, 10, 53-67.	1.7	36
13	Balancing adaptation and innovation for resilience in healthcare â€“ a metasynthesis of narratives. BMC Health Services Research, 2021, 21, 759.	2.2	29
14	Capacities for resilience in healthcare; a qualitative study across different healthcare contexts. BMC Health Services Research, 2022, 22, 474.	2.2	29
15	Regulating resilience? Regulatory work in high-risk arenas. , 0, , 139-160.		25
16	Can we import improvements from industry to healthcare?. BMJ: British Medical Journal, 2019, 364, l1039.	2.3	21
17	Making risks visible: Identifying and interpreting threats to airline flight safety. Journal of Occupational and Organizational Psychology, 2009, 82, 273-293.	4.5	19
18	Imitating Incidents. Simulation in Healthcare, 2018, 13, 227-232.	1.2	19

#	Article	IF	Citations
19	Patient safety regulation in the NHS: mapping the regulatory landscape of healthcare. BMJ Open, 2019, 9, e028663.	1.9	19
20	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
21	Resilience: From Practice to Theory and Back Again. SpringerBriefs in Applied Sciences and Technology, 2019, , 121-128.	0.4	17
22	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
23	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
24	Emergency Manuals. Anesthesiology Clinics, 2018, 36, 45-62.	1.4	15
25	Robot Accident Investigation: A Case Study in Responsible Robotics. , 2021, , 165-187.		15
26	Toward Successful Implementation of Artificial Intelligence in Health Care Practice: Protocol for a Research Program. JMIR Research Protocols, 2022, 11, e34920.	1.0	15
27	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
28	A new national safety investigator for healthcare: the road ahead. Journal of the Royal Society of Medicine, 2017, 110, 90-92.	2.0	12
29	Hospital managersâ€™ perspectives with implementing quality improvement measures and a new regulatory framework: a qualitative case study. BMJ Open, 2020, 10, e042847.	1.9	12
30	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
31	Introducing national healthcare safety investigation bodies. British Journal of Surgery, 2018, 105, 1710-1712.	0.3	9
32	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
33	Investigating Hospital Supervision: A Case Study of Regulatory Inspectorsâ€™ Roles as Potential Co-creators of Resilience. Journal of Patient Safety, 2021, 17, 122-130.	1.7	7
34	Remembering to learn: the overlooked role of remembrance in safety improvement. BMJ Quality and Safety, 2017, 26, 678-682.	3.7	5
35	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
36	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

#	Article	IF	Citations
37	Redesigning safety regulation in the NHS. BMJ, The, 2020, 368, m760.	6.0	4
38	Searching for Risk and Resilience. , 2014, , 1-24.		4
39	Learning from the Failure of Autonomous and Intelligent Systems: Accidents, Safety and Sociotechnical Sources of Risk. SSRN Electronic Journal, 0, , .	0.4	3
40	Safety investigation practices can be adapted from aviation for use in healthcare. BMJ: British Medical Journal, 2018, 361, k2822.	2.3	2
41	Author response: from analysis to learning. BMJ Quality and Safety, 2016, 25, 134-134.	3.7	1
42	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
43	Worst Cases: Terror and Catastrophe in the Popular Imagination ? By Lee Clarke. British Journal of Sociology, 2007, 58, 144-145.	1.5	0
44	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
45	Evaluating a system-wide, safety investigation in healthcare course in Norway: a qualitative study. BMJ Open, 2022, 12, e058134.	1.9	0