

# Paul O'Connor

## List of Publications by Year in descending order

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Version: 2024-02-01

111  
papers

3,390  
citations

201674

27  
h-index

155660

55  
g-index

115  
all docs

115  
docs citations

115  
times ranked

3182  
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring safety climate: identifying the common features. <i>Safety Science</i> , 2000, 34, 177-192.	4.9	979
2	Crew resource management: improving team work in high reliability industries. <i>Team Performance Management</i> , 2002, 8, 68-78.	1.3	162
3	Adverse events in healthcare: learning from mistakes. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2015, 108, 273-277.	0.5	144
4	A systematic review of 7 years of research on entrustable professional activities in graduate medical education, 2011â€“2018. <i>Medical Education</i> , 2019, 53, 234-249.	2.1	110
5	The Irish National Adverse Events Study (INAES): the frequency and nature of adverse events in Irish hospitalsâ€”a retrospective record review study. <i>BMJ Quality and Safety</i> , 2017, 26, 111-119.	3.7	104
6	Hand Hygiene Compliance in the ICU: A Systematic Review. <i>Critical Care Medicine</i> , 2019, 47, 1251-1257.	0.9	102
7	Crew Resource Management Training Effectiveness: A Meta-Analysis and Some Critical Needs. <i>The International Journal of Aviation Psychology</i> , 2008, 18, 353-368.	0.7	91
8	Stress, coping, and psychological resilience among physicians. <i>BMC Health Services Research</i> , 2018, 18, 730.	2.2	85
9	A systematic review of interventions to foster physician resilience. <i>Postgraduate Medical Journal</i> , 2018, 94, 162-170.	1.8	78
10	A meta-analysis of the effectiveness of crew resource management training in acute care domains. <i>Postgraduate Medical Journal</i> , 2014, 90, 699-708.	1.8	74
11	The Deepwater Horizon explosion: non-technical skills, safety culture, and system complexity. <i>Journal of Risk Research</i> , 2014, 17, 405-424.	2.6	73
12	Measuring safety climate in aviation: A review and recommendations for the future. <i>Safety Science</i> , 2011, 49, 128-138.	4.9	70
13	Identifying the team skills required by nuclear power plant operations personnel. <i>International Journal of Industrial Ergonomics</i> , 2008, 38, 1028-1037.	2.6	67
14	Interns and their smartphones: use for clinical practice. <i>Postgraduate Medical Journal</i> , 2014, 90, 75-79.	1.8	65
15	Developing a Method for Evaluating Crew Resource Management Skills: A European Perspective. <i>The International Journal of Aviation Psychology</i> , 2002, 12, 263-285.	0.7	63
16	Surgical checklists: the human factor. <i>Patient Safety in Surgery</i> , 2013, 7, 14.	2.3	61
17	Crew Resource Management training for offshore oil production teams. <i>Safety Science</i> , 2003, 41, 591-609.	4.9	53
18	Stress Training Improves Performance During a Stressful Flight. <i>Human Factors</i> , 2011, 53, 207-218.	3.5	50

#	ARTICLE	IF	CITATIONS
19	Interventions to Improve Hand Hygiene Compliance in the ICU: A Systematic Review. <i>Critical Care Medicine</i> , 2017, 45, e1165-e1172.	0.9	39
20	Gender in authorship and editorship in medical education journals: A bibliometric review. <i>Medical Education</i> , 2021, 55, 678-688.	2.1	38
21	Sharing 'worlds of risk'; improving communication with crew resource management. <i>Journal of Risk Research</i> , 2001, 4, 377-392.	2.6	36
22	Barriers to Healthcare for Persons with Autism: A Systematic Review of the Literature and Development of A Taxonomy. <i>Developmental Neurorehabilitation</i> , 2020, 23, 413-430.	1.1	36
23	“Excuse Me”: Teaching Interns to Speak Up. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2013, 39, 426-431.	0.7	35
24	A mixed-methods study of the causes and impact of poor teamwork between junior doctors and nurses. <i>International Journal for Quality in Health Care</i> , 2016, 28, 339-345.	1.8	33
25	HFACS with an Additional Layer of Granularity: Validity and Utility in Accident Analysis. <i>Aviation, Space, and Environmental Medicine</i> , 2008, 79, 599-606.	0.5	32
26	A longitudinal and multicentre study of burnout and error in Irish junior doctors. <i>Postgraduate Medical Journal</i> , 2017, 93, 660-664.	1.8	31
27	The 100 Most Cited Articles on Healthcare Simulation. <i>Simulation in Healthcare</i> , 2018, 13, 211-220.	1.2	31
28	Assessing the Effectiveness of Bridge Resource Management Training. <i>The International Journal of Aviation Psychology</i> , 2011, 21, 357-374.	0.7	27
29	A Methodology for Identifying Human Error in U.S. Navy Diving Accidents. <i>Human Factors</i> , 2007, 49, 214-226.	3.5	24
30	Identifying and addressing the limitations of safety climate surveys. <i>Journal of Safety Research</i> , 2011, 42, 259-265.	3.6	23
31	A mixed-methods investigation of health professionals' perceptions of a physiological track and trigger system. <i>BMJ Quality and Safety</i> , 2016, 25, 688-695.	3.7	23
32	Barriers and facilitators related to the implementation of a physiological track and trigger system: A systematic review of the qualitative evidence. <i>International Journal for Quality in Health Care</i> , 2017, 29, 973-980.	1.8	23
33	Psychometric evaluation of a measure of factors influencing hand hygiene behaviour to inform intervention. <i>Journal of Hospital Infection</i> , 2019, 102, 407-412.	2.9	23
34	The development of a prototype behavioral marker system for US Navy officers of the deck. <i>Safety Science</i> , 2011, 49, 1381-1387.	4.9	21
35	Supporting transitions in medical career pathways: the role of simulation-based education. <i>Advances in Simulation</i> , 2016, 1, 14.	2.3	21
36	Potential value of patient record review to assess and improve patient safety in general practice: A systematic review. <i>European Journal of General Practice</i> , 2018, 24, 192-201.	2.0	21

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37	Situational awareness within objective structured clinical examination stations in undergraduate medical training - a literature search. <i>BMC Medical Education</i> , 2017, 17, 262.	2.4	20
38	Evaluation of a Human Factors Analysis and Classification System as Used by Simulated Mishap Boards. <i>Aviation, Space, and Environmental Medicine</i> , 2011, 82, 44-48.	0.5	15
39	An analysis of general practitioners'™ perspectives on patient safety incidents using critical incident technique interviews. <i>Family Practice</i> , 2019, 36, 736-742.	1.9	15
40	A Systematic Review of Primary Care Safety Climate Survey Instruments: Their Origins, Psychometric Properties, Quality, and Usage. <i>Journal of Patient Safety</i> , 2018, 14, e9-e18.	1.7	14
41	Understanding hand hygiene behaviour in the intensive care unit to inform interventions: an interview study. <i>BMC Health Services Research</i> , 2020, 20, 353.	2.2	14
42	A comparison of the teamwork attitudes and knowledge of Irish surgeons and U.S Naval aviators. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2012, 10, 278-282.	1.8	13
43	A Systematic Review of Measurement Tools for the Proactive Assessment of Patient Safety in General Practice. <i>Journal of Patient Safety</i> , 2017, Publish Ahead of Print, e406-e412.	1.7	13
44	Can simulation-based education and precision teaching improve paediatric trainees'™ behavioural fluency in performing lumbar puncture? A pilot study. <i>BMC Medical Education</i> , 2019, 19, 138.	2.4	13
45	A systematic review of patient complaints about general practice. <i>Family Practice</i> , 2020, 37, 297-305.	1.9	13
46	Evaluation of a Human Factors Analysis and Classification System Used by Trained Raters. <i>Aviation, Space, and Environmental Medicine</i> , 2010, 81, 957-960.	0.5	11
47	An Evaluation of the Use of Deliberate Practice and Simulation to Train Interns in Requesting Blood Products. <i>Simulation in Healthcare</i> , 2015, 10, 92-97.	1.2	11
48	Preliminary evaluation of the efficacy of an intervention incorporating precision teaching to train procedural skills among final cycle medical students. <i>BMJ Simulation and Technology Enhanced Learning</i> , 2017, 3, 116-121.	0.7	11
49	Identifying and reducing risks in functional endoscopic sinus surgery through a hierarchical task analysis. <i>Laryngoscope Investigative Otolaryngology</i> , 2019, 4, 5-12.	1.5	11
50	A Systematic Review of Interventions to Improve Healthcare Experiences and Access in Autism. <i>Review Journal of Autism and Developmental Disorders</i> , 2023, 10, 185-202.	3.4	11
51	Situation awareness and the mitigation of risk associated with patient deterioration: A meta-narrative review of theories and models and their relevance to nursing practice. <i>International Journal of Nursing Studies</i> , 2021, 124, 104086.	5.6	11
52	The development of a framework of entrustable professional activities for the intern year in Ireland. <i>BMC Medical Education</i> , 2020, 20, 273.	2.4	10
53	Measurement and monitoring patient safety in prehospital care: a systematic review. <i>International Journal for Quality in Health Care</i> , 2023, 33, .	1.8	10
54	A mixed method, multiperspective evaluation of a near peer teaching programme. <i>Postgraduate Medical Journal</i> , 2017, 93, 541-548.	1.8	9

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55	A mixed methods evaluation of paediatric trainee preparedness to manage cardiopulmonary arrests. <i>European Journal of Pediatrics</i> , 2017, 176, 1653-1662.	2.7	9
56	Using simulation to explore the impact of device design on the learning and performance of peripheral intravenous cannulation. <i>Advances in Simulation</i> , 2019, 4, 27.	2.3	9
57	The application of human reliability analysis to three critical care procedures. <i>Reliability Engineering and System Safety</i> , 2020, 203, 107116.	8.9	9
58	How safe is prehospital care? A systematic review. <i>International Journal for Quality in Health Care</i> , 2021, 33, .	1.8	9
59	Novel Interface Designs for Patient Monitoring Applications in Critical Care Medicine: Human Factors Review. <i>JMIR Human Factors</i> , 2020, 7, e15052.	2.0	9
60	Safety in primary care (SAP-C): a randomised, controlled feasibility study in two different healthcare systems. <i>BMC Family Practice</i> , 2019, 20, 22.	2.9	8
61	Identifying hot spots for harm and blind spots across the care pathway from patient complaints about general practice. <i>Family Practice</i> , 2022, 39, 579-585.	1.9	8
62	Perceived safety climate in Irish primary care settings—a comparison with Scotland and England. <i>European Journal of General Practice</i> , 2018, 24, 252-257.	2.0	6
63	Augmenting Critical Care Patient Monitoring Using Wearable Technology: Review of Usability and Human Factors. <i>JMIR Human Factors</i> , 2021, 8, e16491.	2.0	6
64	Identifying interventions to improve hand hygiene compliance in the intensive care unit through co-design with stakeholders. <i>HRB Open Research</i> , 2021, 4, 64.	0.6	6
65	A Systematic Review of Patient-Report Safety Climate Measures in Health Care. <i>Journal of Patient Safety</i> , 2022, 18, e51-e60.	1.7	6
66	Do Gender-Based Disparities in Authorship and Editorship Exist in Healthcare Simulation Journals? A Bibliometric Review of the Research. <i>Simulation in Healthcare</i> , 2021, 16, 136-141.	1.2	6
67	Torso Heating of Divers in Cold Water. <i>Aviation, Space, and Environmental Medicine</i> , 2009, 80, 603-609.	0.5	5
68	Transfer of critically ill adults—assessing the need for training. <i>Irish Journal of Medical Science</i> , 2018, 187, 585-591.	1.5	5
69	The relationship between psychological resilience and burnout in Irish doctors. <i>Irish Journal of Medical Science</i> , 2021, 190, 1219-1224.	1.5	5
70	Systematic review of interventions to improve gender equity in graduate medicine. <i>Postgraduate Medical Journal</i> , 2022, 98, 300-307.	1.8	5
71	Entrustable professional activities for early health professionals: What's next?. <i>Medical Education</i> , 2021, 55, 984-986.	2.1	5
72	A systematic review of the use of positive deviance approaches in primary care. <i>Family Practice</i> , 2022, 39, 493-503.	1.9	5

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73	A Comparison of Leading and Lagging Indicators of Safety in Naval Aviation. Aviation, Space, and Environmental Medicine, 2010, 81, 677-682.	0.5	4
74	An assessment of stress in Irish interns. Medical Teacher, 2012, 34, 424-424.	1.8	4
75	Impact of working 48 h per week on opportunities for training and patient contact: the experience of Irish interns. International Journal for Quality in Health Care, 2015, 27, 492-498.	1.8	4
76	A mixed-methods examination of the nature and frequency of medical error among junior doctors. Postgraduate Medical Journal, 2019, 95, 583-589.	1.8	4
77	A Mixed-Methods Exploration of the Educational Climate and Safety Climate During the First Year of Clinical Practice in Ireland. Academic Medicine, 2019, 94, 1800-1805.	1.6	4
78	Development and evaluation of a novel caregiver-report tool to assess barriers to physical healthcare for people on the autism spectrum. Research in Autism Spectrum Disorders, 2020, 79, 101680.	1.5	4
79	A pragmatic randomised controlled trial of SAFMEDS to produce fluency in interpretation of electrocardiograms. BMC Medical Education, 2020, 20, 102.	2.4	4
80	A meta-review of methods of measuring and monitoring safety in primary care. International Journal for Quality in Health Care, 2021, 33, .	1.8	4
81	A multi-perspective exploration of the understanding of patient complaints and their potential for patient safety improvement in general practice. European Journal of General Practice, 2021, 27, 35-44.	2.0	4
82	Development and validation of a patient-report measure of safety climate for general practice. Family Practice, 2021, 38, 837-844.	1.9	4
83	The adaptation of the "Healthcare Complaints Analysis Tool"™ for general practice. Family Practice, 2021, 38, 712-717.	1.9	4
84	Identifying interventions to improve hand hygiene compliance in the intensive care unit through co-design with stakeholders. HRB Open Research, 2021, 4, 64.	0.6	4
85	The Military Perspective. , 2010, , 445-466.		4
86	Evaluating The Utility of DoD Hfacs Using Lifted Probabilities. Proceedings of the Human Factors and Ergonomics Society, 2011, 55, 1793-1797.	0.3	3
87	A randomised controlled trial of SAFMEDS to improve musculoskeletal radiology interpretation. Journal of the Royal College of Surgeons of Edinburgh, 2021, 19, e386-e393.	1.8	3
88	A scoping review of patient safety research carried out in the Republic of Ireland. Irish Journal of Medical Science, 2023, 192, 1-9.	1.5	3
89	Patients'™ perception of safety climate in Irish general practice: a cross-sectional study. BMC Family Practice, 2021, 22, 257.	2.9	3
90	An Assessment of Safety Climate in U.S Naval Aviation. Proceedings of the Human Factors and Ergonomics Society, 2011, 55, 1740-1744.	0.3	2

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91	Is Crew Resource Management Training Effective in Healthcare Settings?. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2013, 2, 105-107.	0.3	2
92	The Military Perspective. , 2019, , 515-538.		2
93	The Effect of Operator Position on the Quality of Chest Compressions Delivered in a Simulated Ambulance. Prehospital and Disaster Medicine, 2020, 35, 55-60.	1.3	2
94	Human reliability analysis of bronchoscope-assisted percutaneous dilatational tracheostomy: implications for simulation-based education. Advances in Simulation, 2020, 5, 30.	2.3	2
95	Initial psychometric evaluation of a psychological resilience measure for physicians. International Journal of Healthcare Management, 2021, 14, 556-562.	2.0	2
96	What discontinued trials teach us about trial registration?. BMC Research Notes, 2021, 14, 47.	1.4	2
97	What are the predictors of hand hygiene compliance in the intensive care unit? A cross-sectional observational study. Journal of Infection Prevention, 2021, 22, 252-258.	0.9	2
98	Development and preliminary evaluation of a novel physician-report tool for assessing barriers to providing care to autistic patients. BMC Health Services Research, 2021, 21, 873.	2.2	2
99	Longitudinal survey of self-reported level of entrustment across the first year of clinical practice. HRB Open Research, 2022, 5, 9.	0.6	2
100	The patient's "story": an examination of patient-reported safety incidents in general practice. Family Practice, 2022, 39, 1095-1102.	1.9	2
101	Techniques for Improving the Performance of Healthcare Teams: Learning from Aviation and Other HROs.. Proceedings of the Human Factors and Ergonomics Society, 2011, 55, 675-676.	0.3	1
102	The safety climate in primary care (SAP-C) study: study protocol for a randomised controlled feasibility study. Pilot and Feasibility Studies, 2016, 2, 56.	1.2	1
103	Measuring and monitoring patient safety in hospitals in Saudi Arabia. BMC Health Services Research, 2021, 21, 1224.	2.2	1
104	A randomized controlled trial of SAFMEDS to improve chest radiograph interpretation among medical students. European Journal of Radiology, 2022, 151, 110296.	2.6	1
105	An Analysis of Complaints about Hospital Care in the Republic of Ireland. International Journal for Quality in Health Care, 2022, , .	1.8	1
106	CRM for Offshore Oil Production and Maintenance Teams. Proceedings of the Human Factors and Ergonomics Society, 1999, 43, 1407-1407.	0.3	0
107	"Excuse Me". Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2013, 2, 160-162.	0.3	0
108	37 Impact of Adverse Events on the Older Inpatient Population- A Subgroup Analysis of the Irish National Adverse Events Study (INAES). Age and Ageing, 2019, 48, iii1-iii16.	1.6	0

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109	Corona citizensâ€™ science project-repeated surveys of the Irish response to COVID-19 and subsequent lockdown and restrictive measures. Irish Journal of Medical Science, 2021, , 1.	1.5	0
110	ASPiH Conference 2019 keynote paper. Quality improvement through simulation: a missed opportunity?. BMJ Simulation and Technology Enhanced Learning, 2020, 6, 193-195.	0.7	0
111	Advancing Consideration of Gender within Health Profession Educationâ€™Whatâ€™s Required?. Medical Education, 2021, , .	2.1	0