

# Melanie C Wright

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

985  
citations

567281  
15  
h-index

454955  
30  
g-index

67  
all docs

67  
docs citations

67  
times ranked

988  
citing authors

#	ARTICLE	IF	CITATIONS
1	Can We Make Postoperative Patient Handovers Safer? A Systematic Review of the Literature. <i>Anesthesia and Analgesia</i> , 2012, 115, 102-115.	2.2	212
2	Adaptive Automation of Human-Machine System Information-Processing Functions. <i>Human Factors</i> , 2005, 47, 730-741.	3.5	90
3	The Impact of Advanced Technologies on Treatment Deviations in Radiation Treatment Delivery. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 69, 1579-1586.	0.8	78
4	Assessing teamwork in medical education and practice: Relating behavioural teamwork ratings and clinical performance. <i>Medical Teacher</i> , 2009, 31, 30-38.	1.8	67
5	Teamwork training with nursing and medical students: does the method matter? Results of an interinstitutional, interdisciplinary collaboration. <i>BMJ Quality and Safety</i> , 2010, 19, e25-e25.	3.7	66
6	Adaptation of a Postoperative Handoff Communication Process for Children With Heart Disease. <i>American Journal of Medical Quality</i> , 2011, 26, 380-386.	0.5	57
7	Toward Designing Information Display to Support Critical Care. <i>Applied Clinical Informatics</i> , 2016, 07, 912-929.	1.7	52
8	Effects of Automation of Information-Processing Functions on Teamwork. <i>Human Factors</i> , 2005, 47, 50-66.	3.5	45
9	Investigation of multi-modal interface features for adaptive automation of a human-robot system. <i>International Journal of Human Computer Studies</i> , 2006, 64, 527-540.	5.6	43
10	Critical care information display approaches and design frameworks: A systematic review and meta-analysis. <i>Journal of Biomedical Informatics: X</i> , 2019, 100, 100041.	4.2	36
11	Getting Better Hospital Alarm Sounds Into a Global Standard. <i>Ergonomics in Design</i> , 2018, 26, 4-13.	0.7	30
12	Novel displays of patient information in critical care settings: a systematic review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 479-489.	4.4	26
13	Operating Room-to-ICU Patient Handovers: A Multidisciplinary Human-Centered Design Approach. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2016, 42, 400-AP5.	0.7	23
14	The use of high-fidelity human patient simulation as an evaluative tool in the development of clinical research protocols and procedures. <i>Contemporary Clinical Trials</i> , 2005, 26, 646-659.	1.8	20
15	How Do Simulated Error Experiences Impact Attitudes Related to Error Prevention?. <i>Simulation in Healthcare</i> , 2016, 11, 323-333.	1.2	17
16	A distributed approach to the regulation of clinical AI. , 2022, 1, e0000040.		15
17	Standardized Assessment for Evaluation of Team Skills. <i>Simulation in Healthcare</i> , 2013, 8, 292-303.	1.2	14
18	Postoperative Handoff Communication: A Simulation-Based Training Method. <i>Simulation in Healthcare</i> , 2010, 5, 242-247.	1.2	12

#	ARTICLE	IF	CITATIONS
19	Patient Load Effects on Response Time to Critical Arrhythmias in Cardiac Telemetry. Critical Care Medicine, 2015, 43, 1036-1042.	0.9	12
20	Patient information organization in the intensive care setting: expert knowledge elicitation with card sorting methods. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 1026-1035.	4.4	10
21	Organizing Audible Alarm Sounds in the Hospital: A Card-Sorting Study. IEEE Transactions on Human-Machine Systems, 2020, 50, 623-627.	3.5	7
22	Adaptation and Validation of the Situation Awareness Global Assessment Technique for Nurse Anesthesia Graduate Students. Clinical Simulation in Nursing, 2020, 43, 35-43.	3.0	7
23	Impact of integrated graphical display on expert and novice diagnostic performance in critical care. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1287-1292.	4.4	6
24	Team Coordination and Strategies Under Automation. Proceedings of the Human Factors and Ergonomics Society, 2003, 47, 553-557.	0.3	5
25	Preliminary Validation of a <scp>Patientâ€Reported</scp> Measure of the <scp>Ageâ€Friendliness</scp> of Health Care. Journal of the American Geriatrics Society, 2021, 69, 180-184.	2.6	5
26	Intraoperative Apnea: Medication Error with Disclosure (Simulation Case Scenario). Simulation in Healthcare, 2007, 2, 39-42.	1.2	4
27	Coding and Visualizing Eye Tracking Data in Simulated Anesthesia Care. Proceedings of the Human Factors and Ergonomics Society, 2007, 51, 765-770.	0.3	4
28	Approaching the Design of an Information Display to Support Critical Care. , 2017, , .		4
29	Trend Displays to Support Critical Care: A Systematic Review. , 2017, , .		4
30	A Cognitive Modeling Approach to Decision Support Tool Design for Anesthesia Provider Crisis Management. International Journal of Human-Computer Interaction, 2013, 29, 55-66.	4.8	2
31	Eye-Tracking and Retrospective Verbal Protocol to Support Information Systems Design. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2013, 2, 30-37.	0.3	2
32	1152: DISPLAY FEATURES THAT IMPROVE INTERPRETATION OF CRITICAL CARE INFORMATION: A SYSTEMATIC REVIEW. Critical Care Medicine, 2016, 44, 364-364.	0.9	2
33	High-stakes assessment in anesthesia via simulation: Are we there yet?. Canadian Journal of Anaesthesia, 2019, 66, 1431-1436.	1.6	2
34	Human patient simulation as a research tool in cognitive engineering. , 2007, , .		1
35	Qualitative and Task Analytic Methods to Support Comprehensible Intelligent System Design. , 2009, , .		1
36	1148: GRAPHICAL DISPLAY OF PATIENT INFORMATION IMPROVES OUTCOMES IN CRITICAL CARE: A SYSTEMATIC REVIEW. Critical Care Medicine, 2016, 44, 363-363.	0.9	1

#	ARTICLE	IF	CITATIONS
37	Iterative heuristic design of temporal graphic displays with clinical domain experts. Journal of Clinical Monitoring and Computing, 2021, 35, 1119-1131.	1.6	1
38	User interface approaches implemented with automated patient deterioration surveillance tools: protocol for a scoping review. BMJ Open, 2022, 12, e055525.	1.9	1
39	Multidisciplinary Perspectives on Simulations and Games in Human Factors Research. Proceedings of the Human Factors and Ergonomics Society, 2010, 54, 294-298.	0.3	0
40	Board 279 - Program Innovations Abstract Improving Attention and Compliance with Risk Prevention Strategies through Simulated Error Experiences (Submission #325). Simulation in Healthcare, 2013, 8, 507.	1.2	0
41	Board 538 - Technology Innovations Abstract Simulating Remote Cardiac Telemetry Monitoring (Submission #1001). Simulation in Healthcare, 2013, 8, 628.	1.2	0
42	Effect of Remote Cardiac Monitoring System Design on Response Time to Critical Arrhythmias. Simulation in Healthcare, 2021, Publish Ahead of Print, .	1.2	0