

Anjali Joseph,, Edac

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45
papers

1,267
citations

14
h-index

35
g-index

48
ext. papers

1,522
ext. citations

3
avg, IF

4.37
L-index

#	Paper	IF	Citations
45	Understanding "Work as Done": Using a Structured Video-Based Observational Method to Understand and Model the Role of the Physical Environment in Complex Clinical Work Systems.. <i>Herd</i> , 2022 , 19375867221089271	2.4	
44	A mobile application-based home assessment tool for patients undergoing joint replacement surgery: A qualitative feasibility study. <i>Applied Ergonomics</i> , 2022 , 103, 103796	4.2	0
43	Comparing Sources of Disruptions to Telemedicine-Enabled Stroke Care in an Ambulance. <i>Herd</i> , 2021 , 19375867211054759	2.4	
42	Proactive Evaluation of an Operating Room Prototype: A Simulation-Based Modeling Approach. <i>Journal of Patient Safety</i> , 2021 , 17, e1833-e1839	1.9	3
41	Communication and Teamwork During Telemedicine-Enabled Stroke Care in an Ambulance. <i>Human Factors</i> , 2021 , 18720821995687	3.8	4
40	Emergency Physicians Workstation Design: An Observational Study of Interruptions and Perception of Collaboration During Shift-End Handoffs. <i>Herd</i> , 2021 , 14, 174-193	2.4	2
39	Impact of Surgical Table Orientation on Flow Disruptions and Movement Patterns during Pediatric Outpatient Surgeries. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
38	Evaluating Care Partner Preferences for Seating in an Outpatient Surgery Waiting Area Using Virtual Reality. <i>Herd</i> , 2021 , 14, 210-223	2.4	3
37	Observational study of anaesthesia workflow to evaluate physical workspace design and layout. <i>British Journal of Anaesthesia</i> , 2021 , 126, 633-641	5.4	3
36	The Fit Between Spatial Configuration and Idealized Flows: Mapping Flows in Surgical Facilities as Part of Case Study Visits. <i>Herd</i> , 2021 , 14, 237-250	2.4	
35	Perioperative anxiety in pediatric surgery: Induction room vs. operating room. <i>Paediatric Anaesthesia</i> , 2021 , 31, 465-473	1.8	0
34	Planning Patient Care Areas Using Simulation. <i>Comprehensive Healthcare Simulation</i> , 2021 , 97-105	0.3	
33	Understanding Key Home and Community Environment Challenges Encountered by Older Adults Undergoing Total Knee or Hip Arthroplasty. <i>Gerontologist, The</i> , 2021 , 61, 1071-1084	5	1
32	Pediatric Intensive Care Unit (PICU) Patient Room Design: Identifying Safety Risks in Mirrored Rooms Through a Graphical Systems Analysis. <i>Herd</i> , 2021 , 19375867211032921	2.4	1
31	Comparing User Perceptions of Surgical Environments: Simulations in a High-Fidelity Physical Mock-Up Versus a Postoccupancy Evaluation. <i>Herd</i> , 2021 , 19375867211044733	2.4	1
30	An exploratory study investigating the barriers, facilitators, and demands affecting caregivers in a telemedicine integrated ambulance-based setting for stroke care. <i>Applied Ergonomics</i> , 2021 , 97, 103537	4.2	
29	Perceived Usability of Seating in an Outpatient Waiting Area: A Combined Approach Utilizing Virtual Reality and Actual Seating Prototypes. <i>Herd</i> , 2021 , 19375867211062268	2.4	0

28	Using Immersive Virtual Environments (IVEs) to Conduct Environmental Design Research: A Primer and Decision Framework. <i>Herd</i> , 2020 , 13, 11-25	2.4	7
27	Evaluation and Prediction of Human Error in Ambulance-Based Telemedicine Stroke Assessment. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2020 , 64, 663-663	0.4	2
26	Using Virtual Reality to Compare Design Alternatives Using Subjective and Objective Evaluation Methods. <i>Herd</i> , 2020 , 13, 129-144	2.4	8
25	Comparing the Effectiveness of Four Different Design Media in Communicating Desired Performance Outcomes With Clinical End Users. <i>Herd</i> , 2019 , 12, 87-99	2.4	12
24	Minor flow disruptions, traffic-related factors and their effect on major flow disruptions in the operating room. <i>BMJ Quality and Safety</i> , 2019 , 28, 276-283	5.4	19
23	Using a systems approach to evaluate a circulating nurse's work patterns and workflow disruptions. <i>Applied Ergonomics</i> , 2019 , 78, 293-300	4.2	11
22	Using an integrative mock-up simulation approach for evidence-based evaluation of operating room design prototypes. <i>Applied Ergonomics</i> , 2018 , 70, 288-299	4.2	32
21	The Impact of Operating Room Layout on Circulating Nurse's Work Patterns and Flow Disruptions: A Behavioral Mapping Study. <i>Herd</i> , 2018 , 11, 124-138	2.4	22
20	Safety, Performance, and Satisfaction Outcomes in the Operating Room: A Literature Review. <i>Herd</i> , 2018 , 11, 137-150	2.4	23
19	An Ergonomic Evaluation of Preoperative and Postoperative Workspaces in Ambulatory Surgery Centers. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 11-21	0.4	
18	The Architecture Of Safety: An Emerging Priority For Improving Patient Safety. <i>Health Affairs</i> , 2018 , 37, 1884-1891	7	7
17	Building a Better Operating Room: Views from Surgery and Architecture. <i>Annals of Surgery</i> , 2017 , 265, 34-36	7.8	7
16	Developing Evidence-based Tools for Designing and Evaluating Hospital Inpatient Rooms. <i>Journal of Interior Design</i> , 2017 , 42, 19-38	0.6	15
15	Framework for direct observation of performance and safety in healthcare. <i>BMJ Quality and Safety</i> , 2017 , 26, 1015-1021	5.4	34
14	Balancing the Human Touch with the Need for Integrating Technology in Ambulatory Surgical Environments: Barriers and Facilitators to Nursing Work and Care Team Interactions. <i>Journal of Interior Design</i> , 2017 , 42, 39-65	0.6	3
13	Impact of the Physical Environment of Residential Health, Care, and Support Facilities (RHCSF) on Staff and Residents: A Systematic Review of the Literature. <i>Environment and Behavior</i> , 2016 , 48, 1203-1241	5.6	29
12	Improving Pediatric Radiography Patient Stress, Mood, and Parental Satisfaction Through Positive Environmental Distractions: A Randomized Control Trial. <i>Journal of Pediatric Nursing</i> , 2016 , 31, e11-22	2.2	15
11	The environment of safe care: considering building design as one facet of safety. <i>Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare</i> , 2014 , 3, 123-127	0.5	4

10	Impact of imaging room environment: staff job stress and satisfaction, patient satisfaction, and willingness to recommend. <i>Herd</i> , 2012 , 5, 61-79	2.4	8
9	The human factors of home health care: a conceptual model for examining safety and quality concerns. <i>Journal of Patient Safety</i> , 2009 , 5, 229-36	1.9	56
8	A review of the research literature on evidence-based healthcare design. <i>Herd</i> , 2008 , 1, 61-125	2.4	656
7	The Pebble Projects: coordinated evidence-based case studies. <i>Building Research and Information</i> , 2008 , 36, 129-145	4.3	14
6	Where Active Older Adults Walk: Understanding the Factors Related to Path Choice for Walking Among Active Retirement Community Residents. <i>Environment and Behavior</i> , 2007 , 39, 75-105	5.6	52
5	The architecture of safety: hospital design. <i>Current Opinion in Critical Care</i> , 2007 , 13, 714-9	3.5	82
4	Presence and Visibility of Outdoor and Indoor Physical Activity Features and Participation in Physical Activity Among Older Adults in Retirement Communities. <i>Journal of Housing for the Elderly</i> , 2006 , 19, 141-165	1.6	21
3	Influences of building design and site design on physical activity: research and intervention opportunities. <i>American Journal of Preventive Medicine</i> , 2005 , 28, 186-93	6.1	105
2	Identifying Key Components of Paper-Based and Technology-Based Home Assessment Tools Using a Narrative Literature Review. <i>Journal of Aging and Environment</i> , 1-28	0.7	1
1	Task, usability, and error analyses of ambulance-based telemedicine for stroke care. <i>IJSE Transactions on Healthcare Systems Engineering</i> , 1-17	1.3	3