Emily S Patterson

List of Publications by Citations

166 papers	3,495 citations	28 h-index	57 g-index
185 ext. papers	3,897 ext. citations	2.3 avg, IF	5.33 L-index

#	Paper	IF	Citations
166	Handoff strategies in settings with high consequences for failure: lessons for health care operations. *International Journal for Quality in Health Care*, **2004**, 16, 125-32	1.9	341
165	Improving patient safety by identifying side effects from introducing bar coding in medication administration. *Journal of the American Medical Informatics Association: JAMIA*, **2002**, 9, 540-53	8.6	300
164	Understanding the complexity of registered nurse work in acute care settings. *Journal of Nursing Administration*, **2003**, 33, 630-8	1.6	217
163	Exploring barriers and facilitators to the use of computerized clinical reminders. *Journal of the American Medical Informatics Association: JAMIA*, **2005**, 12, 438-47	8.6	196
162	Improving handoffs in the emergency department. *Annals of Emergency Medicine*, **2010**, 55, 171-80	2.1	171
161	Patient handoffs: standardized and reliable measurement tools remain elusive. *Joint Commission Journal on Quality and Patient Safety*, **2010**, 36, 52-61	1.4	170
160	Compliance with intended use of Bar Code Medication Administration in acute and long-term care: an observational study. *Human Factors*, **2006**, 48, 15-22	3.8	117
159	Identifying barriers to the effective use of clinical reminders: bootstrapping multiple methods. *Journal of Biomedical Informatics*, **2005**, 38, 189-99	10.2	99
158	Human factors barriers to the effective use of ten HIV clinical reminders. *Journal of the American Medical Informatics Association: JAMIA*, **2004**, 11, 50-9	8.6	98
157	Themes surrounding novice nurse near-miss and adverse-event situations. *Journal of Nursing Administration*, **2004**, 34, 531-8	1.6	94
156	Collaborative cross-checking to enhance resilience. *Cognition, Technology and Work*, **2007**, 9, 155-162	2.9	83
155	Shift changes, updates, and the on-call architecture in space shuttle mission control. *Computer Supported Cooperative Work*, **2001**, 10, 317-46	2.4	78
154	Voice loops as coordination aids in space shuttle mission control. *Computer Supported Cooperative Work*, **1999**, 8, 353-71	2.4	76
153	Impact of clinical reminder redesign on learnability, efficiency, usability, and workload for ambulatory clinic nurses. *Journal of the American Medical Informatics Association: JAMIA*, **2007**, 14, 632-40	8.6	67
152	Information flow during crisis management: challenges to coordination in the emergency operations center. *Cognition, Technology and Work*, **2007**, 9, 25-31	2.9	66
151	Structuring flexibility: the potential good, bad and ugly in standardisation of handovers. *Quality and Safety in Health Care*, **2008**, 17, 4-5		64
150	Evaluation of a physician informatics tool to improve patient handoffs. *Journal of the American Medical Informatics Association: JAMIA*, **2009**, 16, 509-15	8.6	62

149	A Multimodal Intervention Improves Postanesthesia Care Unit Handovers. *Anesthesia and Analgesia*, **2015**, 121, 957-971	3.9	47
148	Investigating stacking: How do registered nurses prioritize their activities in real-time?. *International Journal of Industrial Ergonomics*, **2011**, 41, 389-393	2.9	47
147	Geminin promotes neural fate acquisition of embryonic stem cells by maintaining chromatin in an accessible and hyperacetylated state. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 3294-9	11.5	45
146	Barriers and facilitators to adoption of soft copy interpretation from the user perspective: Lessons learned from filmless radiology for slideless pathology. *Journal of Pathology Informatics*, **2011**, 2, 1	4.4	42
145	Examining the complexity behind a medication error: generic patterns in communication. *IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans*, **2004**, 34, 749-756		42
144	Improving interunit transitions of care between emergency physicians and hospital medicine physicians: a conceptual approach. *Academic Emergency Medicine*, **2012**, 19, 1188-95	3.4	41
143	Factors associated with longer length of stay for mental health emergency department patients. *Journal of Emergency Medicine*, **2014**, 47, 412-9	1.5	37
142	An Image Analysis Resource for Cancer Research: PIIP-Pathology Image Informatics Platform for Visualization, Analysis, and Management. *Cancer Research*, **2017**, 77, e83-e86	10.1	36
141	Interactive questioning in critical care during handovers: a transcript analysis of communication behaviours by physicians, nurses and nurse practitioners. *BMJ Quality and Safety*, **2014**, 23, 483-9	5.4	34
140	Voice loops as cooperative aids in space shuttle mission control **1996**,		30
139	An evaluation of the Veterans Health Administration's clinical reminders system: a national survey of generalists. *Journal of General Internal Medicine*, **2008**, 23, 392-8	4	28
138	Fifteen best practice recommendations for bar-code medication administration in the Veterans Health Administration. *Joint Commission Journal on Quality and Safety*, **2004**, 30, 355-65		27
137	Technical evaluation, testing, and validatiaon of the usability of electronic health records		26
136	Changes in medical errors with a handoff program. *New England Journal of Medicine*, **2015**, 372, 490-1	59.2	25
135	Hospital Patient Room Design: The Issues Facing 23 Occupational Groups Who Work in Medical/Surgical Patient Rooms. *Herd*, **2015**, 8, 98-114	2.4	25
134	Finding Decision Support Requirements for Effective Intelligence Analysis Tools. *Proceedings of the Human Factors and Ergonomics Society*, **2005**, 49, 297-301	0.4	25
133	Workarounds to Intended Use of Health Information Technology: A Narrative Review of the Human Factors Engineering Literature. *Human Factors*, **2018**, 60, 281-292	3.8	24
132	Visualization framework of macrocognition functions. *Cognition, Technology and Work*, **2012**, 14, 221-227	2.9	24

131	Situation Awareness and Interruption Handling During Medication Administration. *Western Journal of Nursing Research*, **2014**, 36, 891-916	2	23
130	Beyond "communication failure". *Annals of Emergency Medicine*, **2009**, 53, 711-2	2.1	23
129	Sources of variation in primary care clinical workflow: implications for the design of cognitive support. *Health Informatics Journal*, **2014**, 20, 35-49	3	21
128	Comparison of extent of use, information accuracy, and functions for manual and electronic patient status boards. *International Journal of Medical Informatics*, **2010**, 79, 817-23	5.3	21
127	Associations Among Nurse Fatigue, Individual Nurse Factors, and Aspects of the Nursing Practice Environment. *Journal of Nursing Administration*, **2018**, 48, 642-648	1.6	21
126	Challenges for Cognition in Intelligence Analysis. *Journal of Cognitive Engineering and Decision Making*, **2007**, 1, 75-97	2.5	17
125	Meeting Patient Expectations During Hospitalization: A Grounded Theoretical Analysis of Patient-Centered Room Elements. *Herd*, **2017**, 10, 95-110	2.4	16
124	Cognitive Engineering		16
123	Comparing the Effectiveness of Alerts and Dynamically Annotated Visualizations (DAVs) in Improving Clinical Decision Making. *Human Factors*, **2015**, 57, 1002-14	3.8	15
122	Enhancing electronic health record usability in pediatric patient care: a scenario-based approach. *Joint Commission Journal on Quality and Patient Safety*, **2013**, 39, 129-35	1.4	14
121	Integrating Electronic Health Records into Clinical Workflow: An Application of Human Factors Modeling Methods to Ambulatory Care. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2014**, 3, 170-177	0.5	13
120	Collaborating-or "Selling" Patients? A Conceptual Framework for Emergency Department-to-Inpatient Handoff Negotiations. *Joint Commission Journal on Quality and Patient Safety*, **2015**, 41, 134-43	1.4	13
119	Elicitation by critiquing as a cognitive task analysis methodology. *Cognition, Technology and Work*, **2006**, 8, 90-102	2.9	13
118	A Survey Study of Benefits and Limitations of using CellaVision DM96 for Peripheral Blood Differentials. *Clinical Laboratory Science: Journal of the American Society for Medical Technology*, **2014**, 27, 32-39		12
117	The effects of health information technology change over time: a study of Tele-ICU functions. *Applied Clinical Informatics*, **2012**, 3, 239-47	3.1	11
116	Handoffs During Nursing Shift Changes in Acute Care. *Proceedings of the Human Factors and Ergonomics Society*, **2005**, 49, 1057-1061	0.4	11
115	Applying Human Factors Principles to Mitigate Usability Issues Related to Embedded Assumptions in Health Information Technology Design. *JMIR Human Factors*, **2014**, 1, e3	2.5	11
114	A simulation-based embedded probe technique for human-computer interaction evaluation. *Cognition, Technology and Work*, **2004**, 6, 197	2.9	10

113	Using Cognitive Task Analysis (CTA) to Seed Design Concepts for Intelligence Analysts Under Data Overload. *Proceedings of the Human Factors and Ergonomics Society*, **2001**, 45, 439-443	0.4	10
112	Using human factors methods to design a new interface for an electronic medical record **2007**, 640-4	0.7	10
111	Characterizing a Naturalistic Decision Making Phenomenon: Loss of System Resilience Associated with Implementation of New Technology. *Journal of Cognitive Engineering and Decision Making*, **2016**, 10, 229-243	2.5	9
110	Clinical Reminders: Why Don't they use them?. *Proceedings of the Human Factors and Ergonomics Society*, **2004**, 48, 1651-1655	0.4	9
109	Developing Evidence-Based Design Guidelines for Medical/Surgical Hospital Patient Rooms That Meet the Needs of Staff, Patients, and Visitors. *Herd*, **2020**, 13, 145-178	2.4	9
108	Macrocognition in the Healthcare Built Environment (mHCBE): A Focused Ethnographic Study of "Neighborhoods" in a Pediatric Intensive Care Unit. *Herd*, **2018**, 11, 104-123	2.4	8
107	Strategies for improving communication in the emergency department: mediums and messages in a noisy environment. *Joint Commission Journal on Quality and Patient Safety*, **2013**, 39, 279-86	1.4	8
106	Registered nurses' judgments of the classification and risk level of patient care errors. *Journal of Nursing Care Quality*, **2011**, 26, 302-10	1.7	8
105	The "New Look" approach to patient safety: a guide for clinical nurse specialist leadership. *Clinical Nurse Specialist*, **2002**, 16, 247-53; quiz, 254-5	0.6	8
104	Improving Clinical Workflow in Ambulatory Care: Implemented Recommendations in an Innovation Prototype for the Veteran's Health Administration. *EGEMS (Washington, DC)*, **2015**, 3, 1149	2.2	8
103	Perceived Effectiveness, Self-efficacy, and Social Support for Oral Appliance Therapy Among Older Veterans With Obstructive Sleep Apnea. *Clinical Therapeutics*, **2016**, 38, 2407-2415	3.5	8
102	Using timbre to improve performance of larger auditory alarm sets. *Ergonomics*, **2019**, 62, 1617-1629	2.9	8
101	Mixed Reality in Medical Education: A Narrative Literature Review. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2019**, 8, 28-32	0.5	7
100	Implementation science for ambulatory care safety: a novel method to develop context-sensitive interventions to reduce quality gaps in monitoring high-risk patients. *Implementation Science*, **2017**, 12, 79	8.4	6
99	Reducing delays to diagnosis in ambulatory care settings: A macrocognition perspective. *Applied Ergonomics*, **2020**, 82, 102965	4.2	6
98	Determining the rate of change in exposure to ionizing radiation from CT Scans: a database analysis from one hospital. *Journal of the American College of Radiology*, **2014**, 11, 703-8	3.5	5
97	Supporting the Cognitive Work of Information Analysis and Synthesis: A Study of the Military Intelligence Domain. *Proceedings of the Human Factors and Ergonomics Society*, **2007**, 51, 348-352	0.4	5
96	Integrating electronic health records into clinical workflow : an application of human factors modeling methods to ambulatory care		5

95	Differences in coder and physician perspectives on the transition to ICD-10-CM/PCS: A survey study. *Health Policy and Technology*, **2016**, 5, 251-259	4.8	5
94	Patients Are Knowledge Workers in the Clinical Information Space. *Applied Clinical Informatics*, **2021**, 12, 133-140	3.1	5
93	APPLYING HUMAN FACTORS ENGINEERING TO IMPROVE USABILITY AND WORKFLOW IN PATHOLOGY INFORMATICS. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2017**, 6, 23-27	0.5	4
92	Value and Usage of a Workaround Artifact: A Cognitive Work Analysis of "Brains" Use by Hospital Nurses. *Journal of Cognitive Engineering and Decision Making*, **2019**, 13, 67-80	2.5	4
91	CLUSTERING AND PRIORITIZING PATIENT SAFETY ISSUES DURING EHR IMPLEMENTATION AND UPGRADES IN HOSPITAL SETTINGS. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2017**, 6, 125-131	0.5	4
90	A Grounded Theoretical Analysis of Room Elements Desired by Family Members and Visitors of Hospitalized Patients: Implications for Medical/Surgical Hospital Patient Room Design. *Herd*, **2019**, 12, 124-144	2.4	4
89	Barriers to Infection Control due to Hospital Patient Room Factors: A Secondary Analysis of Focus Group and Interview Transcripts. *Proceedings of the Human Factors and Ergonomics Society*, **2014**, 58, 1266-1270	0.4	4
88	Barriers and Facilitators to Timely Admission and Transfer of Patients from an Emergency Department to an Intensive Care Unit. *Proceedings of the Human Factors and Ergonomics Society*, **2011**, 55, 763-767	0.4	4
87	The need for a broader view of human factors in the surgical domain. *Archives of Surgery*, **2011**, 146, 631-2		4
86	Technology support of the handover: promoting observability, flexibility and efficiency. *BMJ Quality and Safety*, **2012**, 21 Suppl 1, i19-21	5.4	4
85	Bridging the Gap between User-Centered Intentions and Actual Design Practice. *Proceedings of the Human Factors and Ergonomics Society*, **1996**, 40, 967-971	0.4	4
84	Shifts in Functions of a New Technology over Time: An Analysis of Logged Electronic Intensive Care Unit Interventions. *Proceedings of the Human Factors and Ergonomics Society*, **2008**, 52, 870-874	0.4	4
83	Judging Sufficiency: How Professional Intelligence Analysts Assess Analytical Rigor. *Proceedings of the Human Factors and Ergonomics Society*, **2007**, 51, 318-322	0.4	4
82	Collaborative Cross-Checking to Enhance Resilience. *Proceedings of the Human Factors and Ergonomics Society*, **2005**, 49, 512-516	0.4	4
81	Efficacy of a patient decision aid for improving person-centered decision-making by older adults with obstructive sleep apnea. *Journal of Clinical Sleep Medicine*, **2021**, 17, 121-128	3.1	4
80	Patient-Provider Communication With Older Adults About Sleep Apnea Diagnosis and Treatment. *Behavioral Sleep Medicine*, **2017**, 15, 423-437	4.2	3
79	Patient-Reported Usability of Positive Airway Pressure Equipment Is Associated With Adherence in Older Adults. *Sleep*, **2017**, 40,	1.1	3
78	USE PREFERENCES FOR CONTINUOUS CARDIAC AND RESPIRATORY MONITORING SYSTEMS IN HOSPITALS: A SURVEY OF PATIENTS AND FAMILY CAREGIVERS. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2018**, 7, 123-128	0.5	3

77	Towards computer-assisted coding: A case study of charge by documentation software at an endoscopy clinic. *Health Policy and Technology*, **2014**, 3, 208-214	4.8	3
76	Safe Practice Recommendations for the Use of Copy-Forward with Nursing Flow Sheets in Hospital Settings. *Joint Commission Journal on Quality and Patient Safety*, **2017**, 43, 375-385	1.4	3
75	Repeating Human Performance Themes in Five Health Care Adverse Events. *Proceedings of the Human Factors and Ergonomics Society*, **2002**, 46, 1418-1422	0.4	3
74	Architects and interior designers perspectives on hospital patient rooms designed by the people who work in these rooms. *Proceedings of the Human Factors and Ergonomics Society*, **2016**, 60, 588-592	0.4	3
73	Predicting mortality with applied machine learning: Can we get there?. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2019**, 8, 115-119	0.5	3
72	A Qualitative Analysis of Outpatient Medication Use in Community Settings: Observed Safety Vulnerabilities and Recommendations for Improved Patient Safety. *Journal of Patient Safety*, **2021**, 17, e335-e342	1.9	3
71	A Roundtable Discussion: Improving the 'Alarm Problem' Will Require Much More Than Just Reducing the Number of Alarms. *Biomedical Instrumentation and Technology*, **2018**, 52, 454-461	0.4	3
70	Identifying and Monitoring Respiratory Compromise: Report from the Rules and Algorithms Working Group. *Biomedical Instrumentation and Technology*, **2019**, 53, 110-123	0.4	2
69	Patient-Centered Handovers: Ethnographic Observations of Attending and Resident Physicians: Ethnographic Observations of Attending and Resident Physicians. *Quality Management in Health Care*, **2016**, 25, 225-230	1	2
68	Patterns in Cooperative Cognition. *Proceedings of the Human Factors and Ergonomics Society*, **1998**, 42, 263-266	0.4	2
67	Can We Ever Escape from Data Overload? A Cognitive Systems Diagnosis. *Proceedings of the Human Factors and Ergonomics Society*, **1999**, 43, 174-178	0.4	2
66	A Simulation Study of Computer-Supported Inferential Analysis Under Data Overload. *Proceedings of the Human Factors and Ergonomics Society*, **1999**, 43, 364-368	0.4	2
65	Descriptive Usability Study of CirrODS: Clinical Decision and Workflow Support Tool for Management of Patients With Cirrhosis. *JMIR Medical Informatics*, **2019**, 7, e13627	3.6	2
64	Comparative Effectiveness of Best Practice Alerts with Active and Passive Presentations: A Retrospective Study. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2020**, 9, 105-109	0.5	2
63	Applying Human Factors Engineering to Address the Telemetry Alarm Problem in a Large Medical Center. *Human Factors*, **2021**, 187208211018883	3.8	2
62	Lessons from the Glass Cockpit: Innovation in Alarm Systems to Support Cognitive Work. *Biomedical Instrumentation and Technology*, **2021**, 55, 29-40	0.4	2
61	Opportunities for Inpatient Room Designs That Facilitate Imaging Professionals in Providing Diagnostic Patient Care: A Mixed Methods Study. *Journal of Diagnostic Medical Sonography*, **2018**, 34, 329-340	0.4	2
60	HOW NURSES IDENTIFY HOSPITALIZED PATIENTS ON THEIR PERSONAL NOTES: FINDINGS FROM ANALYZING 'BRAINS' HEADERS WITH MULTIPLE RATERS. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2018**, 7, 205-209	0.5	2

59	A MIXED METHODS APPROACH TO TAILORING EVIDENCE-BASED GUIDANCE FOR ANTIBIOTIC STEWARDSHIP TO ONE MEDICAL SYSTEM. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2018**, 7, 224-231	0.5	2
58	The Environmental Services Perspective on Hospital Room Design: A Mixed-Methods Approach. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2017**, 6, 104-108	0.5	1
57	Promoting Patient Safety with Human Factors Methods: Practical Approaches to Current Medication Management Issues. *Proceedings of the Human Factors and Ergonomics Society*, **2016**, 60, 647-651	0.4	1
56	Development of a Program Promoting Person-Centered Care of Older Adults with Sleep Apnea. *Journal of the American Geriatrics Society*, **2019**, 67, 2204-2207	5.6	1
55	Detecting Differences in Communication During Two Types of Patient Handovers: A Linguistic Construct Categorization Approach. *Proceedings of the Human Factors and Ergonomics Society*, **2014** , 58, 1262-1265	0.4	1
54	The Human Factors of Intelligence Analysis. *Proceedings of the Human Factors and Ergonomics Society*, **2015**, 59, 130-134	0.4	1
53	Integrating Electronic Health Records Into Clinical Workflow: An Application of Human Factors Modeling Methods to Two Specialty Care Areas. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2015**, 4, 42-49	0.5	1
52	Barriers and Facilitators Affecting the Adoption of Ceiling Lift Interventions in Nursing Homes. *Proceedings of the Human Factors and Ergonomics Society*, **2014**, 58, 1405-1409	0.4	1
51	Identifying Emergent Thought Leaders. *Lecture Notes in Computer Science*, **2014**, 51-58	0.9	1
50	Differences in Macrocognition Strategies With Face to Face and Distributed Teams. *Proceedings of the Human Factors and Ergonomics Society*, **2012**, 56, 282-286	0.4	1
49	Insights from Applying Rigor Metric to Healthcare Incident Investigations. *Proceedings of the Human Factors and Ergonomics Society*, **2008**, 52, 1766-1770	0.4	1
48	Structured Interdisciplinary Communication Strategies in Four ICUs: An Observational Study. *Proceedings of the Human Factors and Ergonomics Society*, **2006**, 50, 929-933	0.4	1
47	Comparing Findings from Cognitive Engineering Evaluations. *Proceedings of the Human Factors and Ergonomics Society*, **2003**, 47, 483-487	0.4	1
46	New Arctic Air Crash Aftermath Role-Play Simulation□Orchestrating a Fundamental Surprise. *Proceedings of the Human Factors and Ergonomics Society*, **2001**, 45, 371-375	0.4	1
45	SCHEDULING DELAYED TREATMENT AND SURGERIES POST-PANDEMIC: A STAKEHOLDER ANALYSIS. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2020**, 9, 10-14	0.5	1
44	A Human Factors Perspective to Characterize Treatment and Surgery During the COVID-19 Pandemic. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2020**, 9, 1-5	0.5	1
43	ENHANCING USEFULNESS AND USABILITY OF A CLINICAL DECISION SUPPORT PROTOTYPE FOR ANTIBIOTIC STEWARDSHIP. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2020**, 9, 61-65	0.5	1
42	Uncovering the Value of a Historical Paper-Based Collaborative Artifact: The Nursing Unit's Kardex System. *Frontiers in Digital Health*, **2020**, 2, 12	2.3	1

41	Practical Optimal Scheduling for Surgery. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2020**, 9, 10-14	0.5	1
40	Use of Augmented Reality to Train Sensemaking in High-Stakes Medical Environments. *Journal of Cognitive Engineering and Decision Making*, **2021**, 15, 55-65	2.5	1
39	Nursing Handovers in Critical Care: A Retrospective Analysis of Information Content and Function. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2019**, 8, 4-8	0.5	1
38	Reducing Alert Fatigue for Comfort Care and Palliative Care Hospital Patients. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2019**, 8, 1-3	0.5	1
37	PARTICIPATORY BULLSEYE TOOLKIT INTERVIEW: IDENTIFYING PHYSICIANS' RELATIVE PRIORITIZATION OF DECISION FACTORS WHEN ORDERING RADIOLOGIC IMAGING IN A HOSPITAL SETTING. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2018**, 7, 1-7	0.5	1
36	Augmented Reality Adaptive Training Principles. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2019**, 8, 72-75	0.5	0
35	An Exploration of Contributing Factors to Patient Safety. *Journal of Nursing Care Quality*, **2018**, 33, 108-115	1.5	0
34	Usability in Health IT: Beyond Compliance to Meaningful Design and Assessment. *Proceedings of the Human Factors and Ergonomics Society*, **2016**, 60, 643-646	0.4	0
33	Assessing Whether Recognition Skill Development is Enhanced with Augmented Reality-Based Training as Compared to Traditional Training: A Laboratory Study. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2020**, 9, 51-55	0.5	0
32	0982 Decide2Rest: A Program for Promoting Person-centered Obstructive Sleep Apnea (OSA) Treatment. *Sleep*, **2019**, 42, A395-A395	1.1	
31	A Toolkit for Evaluating Interventions to Improve Decision Making: The Garden Path Approach. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2019**, 8, 130-134	0.5	
30	Identifying Unmet Patient Expectations via Critical Review of Five Simulated Hospital Rooms. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2017**, 6, 116-117	0.5	
29	Patterns in Patient Safety with Computerized Consult Management and Clinical Documentation. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2014**, 3, 134-141	0.5	
28	The Impact of Computerized Decision Support on the Ability to Supervise Resident Physician Sign-Outs. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2014**, 3, 178-185	0.5	
27	Human Factors Research and Design Trends for the Modern Exam and Hospital Room. *Proceedings of the Human Factors and Ergonomics Society*, **2015**, 59, 567-571	0.4	
26	Authors' reply. *Journal of the American College of Radiology*, **2015**, 12, 117	3.5	
25	Online Training for Resilient Communication during Shift Change Handovers. *Proceedings of the Human Factors and Ergonomics Society*, **2013**, 57, 1427-1431	0.4	
24	Social Norms on Deviations from Prescriptive Handoff Practices. *Proceedings of the Human Factors and Ergonomics Society*, **2010**, 54, 949-952	0.4	

23	Dynamics of Reciprocal Collaborative Trust in Sensitive Information Repositories. *Proceedings of the Human Factors and Ergonomics Society*, **2008**, 52, 314-318	0.4
22	Playback Technique using a Temporally Sequenced Cognitive Artifact for Knowledge Elicitation. *Proceedings of the Human Factors and Ergonomics Society*, **2008**, 52, 523-527	0.4
21	Towards a Functional Model of Quality Improvement Collaboratives. *Proceedings of the Human Factors and Ergonomics Society*, **2007**, 51, 707-711	0.4
20	Beyond See-One, Do-One, Teach-One: Applying HF to Clinical Training and Education. *Proceedings of the Human Factors and Ergonomics Society*, **2007**, 51, 755-759	0.4
19	Exploring Challenges of Information Dynamics Using an Animock. *Proceedings of the Human Factors and Ergonomics Society*, **2007**, 51, 323-327	0.4
18	Differences in the Use of Bar Code Medication Administration (BCMA) in Acute Care and Long-Term Care Settings. *Proceedings of the Human Factors and Ergonomics Society*, **2003**, 47, 1471-1475	0.4
17	Clinical Reminders: Explaining Variability in Adoption by Nurses and Physicians at Four Outpatient Clinics. *Proceedings of the Human Factors and Ergonomics Society*, **2005**, 49, 1079-1083	0.4
16	Critiquing as a Cognitive Task Analysis (CTA) Methodology. *Proceedings of the Human Factors and Ergonomics Society*, **2001**, 45, 518-522	0.4
15	Authors' reply. *Journal of Pathology Informatics*, **2011**, 2, 10	4.4
14	Predicting The Future: Diverse Perspectives on The Transformation of Healthcare Delivery over the Next 15 Years. *Proceedings of the Human Factors and Ergonomics Society*, **2020**, 64, 671-674	0.4
13	Patient Safety Learning Labs: What are we actually learning. *Proceedings of the Human Factors and Ergonomics Society*, **2020**, 64, 593-597	0.4
12	Fifteen Best Practice Recommendations for Bar-Code Medication Administration in the Veterans Health Administration **2013**, 313-336	
11	Healthcare and Aviation: Perspectives on Alerts, Machine Learning, and Future Directions. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2020**, 9, 113-115	0.5
10	Exploring the Use of Multimedia Resources in Online Medical Education: A Targeted Literature Review. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2020**, 9, 201-205	0.5
9	Maternal Mortality Litigation Review. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2021**, 10, 313-316	0.5
8	Using Incident Reports to Advance Patient Safety and System Resilience in Radiation Oncology Treatment Planning. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2021**, 10, 286-290	0.5
7	Implications for the Physical Design of the Postnatal Care Unit from a Targeted Analysis of Issues With Accessing the Bathroom at Night in the Acute Setting: A Secondary Analysis. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2021**, 10, 309-312	0.5
6	Comparing Traditional and Augmented Reality Training for Identifying Critical Symptoms for Diagnosing Airway Obstruction Cases: A Pilot Study. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2021**, 10, 137-141	0.5

List of Publications

5	Predicting Opportunities and Challenges Prior to Transitioning to Digital Pathology: An Interview Envisioning Study with 11 Pathologists. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2019**, 8, 9-12	0.5
4	EHR to EHR Transitions: Establishing and Growing a Knowledge Base. *Proceedings of the Human Factors and Ergonomics Society*, **2018**, 62, 513-517	0.4
3	A Systematic Method for Using Critical Decision Method Interviews to Generate a Garden Path Scenario for Human-in-the-Loop Simulations for Training and Evaluation of New Technologies. *Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare*, **2018**, 7, 69-74	0.5
2	Perceptually Discriminating the Highest Priority Alarms Reduces Response Time: A Retrospective Pre-Post Study at Four Hospitals. *Human Factors*, **2021**, 187208211032870	3.8
1	Cognitive Distractions During Sonographic Procedures: Reducing Noise-Based and Light-Based Interruptions in Hospital Rooms. *Journal of Diagnostic Medical Sonography*, **2022**, 38, 184-191	0.4