

Peter Leonard Titus Hoonakker

List of Publications by Year in descending order

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106
papers

4,715
citations

136740

32
h-index

110170

64
g-index

116
all docs

116
docs citations

116
times ranked

4425
citing authors

#	ARTICLE	IF	CITATIONS
1	Usability of a Human Factors-based Clinical Decision Support in the Emergency Department: Lessons Learned for Design and Implementation. <i>Human Factors</i> , 2024, 66, 647-657.	2.1	7
2	Team Cognition in Handoffs: Relating System Factors, Team Cognition Functions and Outcomes in Two Handoff Processes. <i>Human Factors</i> , 2024, 66, 271-293.	2.1	8
3	Care transition of trauma patients: Processes with articulation work before and after handoff. <i>Applied Ergonomics</i> , 2022, 98, 103606.	1.7	10
4	Usability barriers and facilitators of a human factors engineering-based clinical decision support technology for diagnosing pulmonary embolism. <i>International Journal of Medical Informatics</i> , 2022, 158, 104657.	1.6	3
5	Human-centered design of team health IT for pediatric trauma care transitions. <i>International Journal of Medical Informatics</i> , 2022, 162, 104727.	1.6	7
6	Medication Safety in Two Intensive Care Units of a Community Teaching Hospital After Electronic Health Record Implementation: Sociotechnical and Human Factors Engineering Considerations. <i>Journal of Patient Safety</i> , 2021, 17, e429-e439.	0.7	18
7	Stakeholder Perspectives in Anticipation of Sharing Physicians' Notes With Parents of Hospitalized Children. <i>Academic Pediatrics</i> , 2021, 21, 259-264.	1.0	10
8	BedsideNotes: Sharing Physicians' Notes With Parents During Hospitalization. <i>Hospital Pediatrics</i> , 2021, 11, 503-508.	0.6	9
9	Disparate perspectives: Exploring healthcare professionals' misaligned mental models of older adults' transitions of care between the emergency department and skilled nursing facility. <i>Applied Ergonomics</i> , 2021, 96, 103509.	1.7	4
10	Workflow integration analysis of a human factors-based clinical decision support in the emergency department. <i>Applied Ergonomics</i> , 2021, 97, 103498.	1.7	27
11	The desktop, or the top of the desk? The relative usefulness of household features for personal health information management. <i>Applied Ergonomics</i> , 2020, 82, 102912.	1.7	4
12	Application of human factors to improve usability of clinical decision support for diagnostic decision-making: a scenario-based simulation study. <i>BMJ Quality and Safety</i> , 2020, 29, 329-340.	1.8	35
13	Work system barriers and facilitators in inpatient care transitions of pediatric trauma patients. <i>Applied Ergonomics</i> , 2020, 85, 103059.	1.7	31
14	SEIPS 3.0: Human-centered design of the patient journey for patient safety. <i>Applied Ergonomics</i> , 2020, 84, 103033.	1.7	193
15	Physician Perceptions of Disposition Decision-making for Older Adults in the Emergency Department: A Preliminary Analysis. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2020, 64, 648-652.	0.2	2
16	Identifying roles in older adults' emergency department transitions. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2020, 64, 685-689.	0.2	0
17	A sociotechnical systems approach toward tailored design for personal health information management. <i>Patient Experience Journal</i> , 2020, 7, 75-83.	0.3	3
18	Human Factors and Usability for Health Information Technology: Old and New Challenges. <i>Yearbook of Medical Informatics</i> , 2019, 28, 071-077.	0.8	96

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19	Care coordination for chronically ill patients: Identifying coordination activities and interdependencies. <i>Applied Ergonomics</i> , 2019, 80, 9-16.	1.7	9
20	Role network measures to assess healthcare team adaptation to complex situations: the case of venous thromboembolism prophylaxis. <i>Ergonomics</i> , 2019, 62, 864-879.	1.1	11
21	Information flow during pediatric trauma care transitions: things falling through the cracks. <i>Internal and Emergency Medicine</i> , 2019, 14, 797-805.	1.0	13
22	Parent Perceptions of Real-time Access to Their Hospitalized Child's Medical Records Using an Inpatient Portal: A Qualitative Study. <i>Hospital Pediatrics</i> , 2019, 9, 273-280.	0.6	19
23	Technology barriers and strategies in coordinating care for chronically ill patients. <i>Applied Ergonomics</i> , 2019, 78, 240-247.	1.7	21
24	Physician Perceptions of the Electronic Problem List in Pediatric Trauma Care. <i>Applied Clinical Informatics</i> , 2019, 10, 113-122.	0.8	8
25	Team Cognition as a Barrier and Facilitator in Care Transitions: Implications for Work System Design. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2019, 63, 648-652.	0.2	3
26	Nurses' Expectations of an Inpatient Portal for Hospitalized Patients and Caregivers. <i>Applied Clinical Informatics</i> , 2019, 10, 625-633.	0.8	4
27	Assessing workflow of emergency physicians in the use of clinical decision support. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2019, 63, 772-776.	0.2	5
28	Scope and Influence of Electronic Health Record-Integrated Clinical Decision Support in the Emergency Department: A Systematic Review. <i>Annals of Emergency Medicine</i> , 2019, 74, 285-296.	0.3	53
29	Complexity of the pediatric trauma care process: implications for multi-level awareness. <i>Cognition, Technology and Work</i> , 2019, 21, 397-416.	1.7	31
30	Challenges of Disposition Decision Making for Pediatric Trauma Patients in the Emergency Department. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 339-345.	0.5	2
31	Inpatients Sign On. <i>Medical Care</i> , 2019, 57, 98-100.	1.1	11
32	Healthcare in a Virtual Environment: Workload and Simulation Sickness in a 3D CAVE. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 281-289.	0.5	0
33	Things Falling Through the Cracks: Information Loss During Pediatric Trauma Care Transitions. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 479-488.	0.5	0
34	Team Adaptation to Complex Clinical Situations: The Case of VTE Prophylaxis in Hospitalized Patients. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 248-254.	0.5	0
35	Effectiveness of Interventions for Preventing Injuries in the Construction Industry: Results of an Updated Cochrane Systematic Review. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 438-440.	0.5	0
36	Proactive Risk Assessment of Team Health IT for Pediatric Trauma Care Transitions (T3). <i>Advances in Intelligent Systems and Computing</i> , 2019, , 213-221.	0.5	0

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37	Interventions to prevent injuries in construction workers. The Cochrane Library, 2018, 2018, CD006251.	1.5	29
38	The impact of e-visits on patient access to primary care. Health Care Management Science, 2018, 21, 475-491.	1.5	21
39	Work System Barriers and Strategies Reported by Tele-Intensive Care Unit Nurses. Critical Care Nursing Clinics of North America, 2018, 30, 259-271.	0.4	8
40	Mapping the Flow of Pediatric Trauma Patients Using Process Mining. Applied Clinical Informatics, 2018, 09, 654-666.	0.8	26
41	Inpatient Portals for Hospitalized Patients and Caregivers: A Systematic Review. Journal of Hospital Medicine, 2018, 13, 405-412.	0.7	72
42	Using an inpatient portal to engage families in pediatric hospital care. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 153-161.	2.2	97
43	Obstacles Experienced by Care Managers in Managing Information for the Care of Chronically Ill Patients. International Journal of Human-Computer Interaction, 2017, 33, 313-321.	3.3	9
44	The impact of secure messaging on workflow in primary care: Results of a multiple-case, multiple-method study. International Journal of Medical Informatics, 2017, 100, 63-76.	1.6	41
45	SEIPS-based process modeling in primary care. Applied Ergonomics, 2017, 60, 240-254.	1.7	60
46	Getting on the Same Page: Opportunities to Improve Parent-Provider Communication. Hospital Pediatrics, 2017, 7, 562-563.	0.6	4
47	Virtual collaboration, satisfaction, and trust between nurses in the tele-ICU and ICUs: Results of a multilevel analysis. Journal of Critical Care, 2017, 37, 224-229.	1.0	21
48	Healthcare Team Perceptions of a Portal for Parents of Hospitalized Children Before and After Implementation. Applied Clinical Informatics, 2017, 26, 265-278.	0.8	36
49	Role Network Analysis of Team Interactions and Individual Activities: Application to VTE Prophylaxis. Proceedings of the Human Factors and Ergonomics Society, 2017, 61, 896-900.	0.2	4
50	Team Interactions and Health IT Use during Hospital Multidisciplinary Rounds. Proceedings of the Human Factors and Ergonomics Society, 2016, 60, 513-517.	0.2	1
51	Technology-Mediated Communication between Patients and Primary Care Clinicians and Staff. Proceedings of the Human Factors and Ergonomics Society, 2016, 60, 556-560.	0.2	7
52	Medication Error Propagation In Intensive Care Units. Proceedings of the Human Factors and Ergonomics Society, 2015, 59, 518-521.	0.2	3
53	Data collection challenges in community settings: insights from two field studies of patients with chronic disease. Quality of Life Research, 2015, 24, 1043-1055.	1.5	53
54	Impact of electronic health record technology on the work and workflow of physicians in the intensive care unit. International Journal of Medical Informatics, 2015, 84, 578-594.	1.6	124

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55	PERCEIVED IMPACT OF CARE MANAGERSâ€™™ WORK ON PATIENT AND CLINICIAN OUTCOMES. European Journal for Person Centered Healthcare, 2015, 3, 158.	0.3	10
56	Macroergonomics and Sociotechnical Methods Current and Future Directions. Proceedings of the Human Factors and Ergonomics Society, 2014, 58, 1536-1540.	0.2	4
57	Human factors systems approach to healthcare quality and patient safety. Applied Ergonomics, 2014, 45, 14-25.	1.7	478
58	Improving Quality and Safety through Human Factors Collaborations with Healthcare. Proceedings of the Human Factors and Ergonomics Society, 2014, 58, 728-732.	0.2	3
59	Understanding Care Coordination for Chronically ill Patients. Proceedings of the Human Factors and Ergonomics Society, 2014, 58, 170-174.	0.2	2
60	The Future of ICT and Quality of Working Life: Challenges, Benefits, and Risks. , 2014, , 205-219.		7
61	The effects of Computerized Provider Order Entry implementation on communication in Intensive Care Units. International Journal of Medical Informatics, 2013, 82, e107-e117.	1.6	14
62	Special issue on human factors and the implementation of health information technology (HIT): Comparing approaches across nations. International Journal of Medical Informatics, 2013, 82, 277-280.	1.6	19
63	Motivation and job satisfaction of Tele-ICU nurses. Journal of Critical Care, 2013, 28, 315.e13-315.e21.	1.0	37
64	Changes in end-user satisfaction with Computerized Provider Order Entry over time among nurses and providers in intensive care units. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 252-259.	2.2	39
65	The Work of Adult and Pediatric Intensive Care Unit Nurses. Nursing Research, 2013, 62, 50-58.	0.8	45
66	Macroergonomics in Health Care Quality and Patient Safety. Reviews of Human Factors and Ergonomics, 2013, 8, 4-54.	0.5	61
67	SEIPS 2.0: a human factors framework for studying and improving the work of healthcare professionals and patients. Ergonomics, 2013, 56, 1669-1686.	1.1	788
68	Organizational Design and Cognitive Work. , 2013, , .		2
69	Development and Psychometric Qualities of the SEIPS Survey to Evaluate CPOE/EHR Implementation in ICUs. , 2013, , 161-179.		0
70	Organizational Learning in a Large-scale Complex Health IT Project. Proceedings of the Human Factors and Ergonomics Society, 2012, 56, 1288-1292.	0.2	1
71	Care Managersâ€™™ Challenges in Using Multiple Health IT Applications. Proceedings of the Human Factors and Ergonomics Society, 2012, 56, 1748-1752.	0.2	6
72	Macroergonomics in Healthcare: Principles, Progress, and Prospects. Proceedings of the Human Factors and Ergonomics Society, 2012, 56, 1293-1297.	0.2	1

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73	Interventions to prevent injuries in construction workers. The Cochrane Library, 2012, 12, CD006251.	1.5	27
74	Challenges to care coordination posed by the use of multiple health IT applications. Work, 2012, 41, 4468-4473.	0.6	25
75	Computer decision support tools in primary care. Work, 2012, 41, 4474-4478.	0.6	13
76	Predicting long-term absenteeism from work in construction industry: a longitudinal study. Work, 2012, 41, 3765-3770.	0.6	1
77	Development and Psychometric Qualities of the SEIPS Survey to Evaluate CPOE/EHR Implementation in ICUs. International Journal of Healthcare Information Systems and Informatics, 2011, 6, 51-69.	1.0	25
78	Psychological well-being in retirement: The effects of personal and gendered contextual resources.. Journal of Occupational Health Psychology, 2011, 16, 230-246.	2.3	63
79	Measuring workload of ICU nurses with a questionnaire survey: the NASA Task Load Index (TLX). IIE Transactions on Healthcare Systems Engineering, 2011, 1, 131-143.	0.8	225
80	Factors contributing to an increase in duplicate medication order errors after CPOE implementation. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 774-782.	2.2	99
81	ICU nurses' acceptance of electronic health records. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 812-819.	2.2	98
82	Sociotechnical Issues of Tele-ICU Technology. , 2011, , 225-240.		1
83	Monitoring working conditions and health of older workers in Dutch construction industry. American Journal of Industrial Medicine, 2010, 53, 641-653.	1.0	30
84	Predictors of a successful implementation of an ergonomic training program. Applied Ergonomics, 2010, 42, 98-105.	1.7	22
85	Measurement of CPOE end-user satisfaction among ICU physicians and nurses. Applied Clinical Informatics, 2010, 01, 268-285.	0.8	32
86	Work and Family Characteristics as Predictors of Early Retirement in Married Men and Women. Research on Aging, 2010, 32, 467-498.	0.9	100
87	Barriers and benefits of quality management in the construction industry: An empirical study. Total Quality Management and Business Excellence, 2010, 21, 953-969.	2.4	124
88	Questionnaire Survey Nonresponse: A Comparison of Postal Mail and Internet Surveys. International Journal of Human-Computer Interaction, 2009, 25, 348-373.	3.3	110
89	Work engagement and burnout: testing the robustness of the Job Demands-Resources model. Journal of Positive Psychology, 2009, 4, 243-255.	2.6	104
90	Quality of working life and turnover intention in information technology work. Human Factors and Ergonomics in Manufacturing, 2008, 18, 409-423.	1.4	55

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91	The Effectiveness of Interventions for Preventing Injuries in the Construction Industry. American Journal of Preventive Medicine, 2008, 35, 77-85.	1.6	246
92	Changes in Health Between Ages 54 and 65. Research on Aging, 2008, 30, 672-700.	0.9	13
93	Interventions for preventing injuries in the construction industry. , 2007, , CD006251.		25
94	Customer orientation among employees in public administration: A transnational, longitudinal study. Applied Ergonomics, 2007, 38, 307-315.	1.7	40
95	Do job characteristics mediate the relationship between SES and health? Evidence from sibling models. Social Science Research, 2007, 36, 222-253.	1.1	39
96	Evaluating causes and consequences of turnover intention among IT workers: the development of a questionnaire survey. Behaviour and Information Technology, 2006, 25, 381-397.	2.5	39
97	Quality and Safety Management in Construction. Total Quality Management and Business Excellence, 2006, 17, 1171-1212.	2.4	67
98	Teamwork and musculoskeletal health in the context of work organization interventions in office and computer work. Theoretical Issues in Ergonomics Science, 2006, 7, 39-69.	1.0	13
99	The effect of safety initiatives on safety performance: A longitudinal study. Applied Ergonomics, 2005, 36, 461-469.	1.7	59
100	The Relation between Job Characteristics and Quality of Working Life: The Role of Task Identity to Explain Gender and Job Type Differences. Proceedings of the Human Factors and Ergonomics Society, 2004, 48, 1571-1575.	0.2	9
101	The Relationship between Safety and Quality Management in Construction. Proceedings of the Human Factors and Ergonomics Society, 2004, 48, 2060-2064.	0.2	5
102	Job characteristics as mediators in SESâ€“health relationships. Social Science and Medicine, 2004, 59, 1367-1378.	1.8	115
103	Quality in the public sector from an employee's perspective: Results from a transnational comparison. Total Quality Management and Business Excellence, 2003, 14, 541-552.	2.4	1
104	The Development and Application of an Instrument for Measurement of Quality Institutionalization. Proceedings of the Human Factors and Ergonomics Society, 2000, 44, 253-256.	0.2	3
105	Total Quality Management and Teamwork in the Public Sector: The Wisconsin Department of Revenue Study. Proceedings of the Human Factors and Ergonomics Society, 2000, 44, 257-260.	0.2	3
106	Using the Job-Demands-Resources model to predict turnover in the information technology workforce â€“ General effects and gender. Psiholoska Obzorja, 0, 22, 51-65.	0.1	10