

Kapil Chalil Madathil

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

1,806
citations

516710

16
h-index

302126

39
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71
all docs

71
docs citations

71
times ranked

1839
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparing future health care workers for interactions with people with dementia: A mixed methods study. <i>Gerontology and Geriatrics Education</i> , 2023, 44, 223-242.	0.8	2
2	Comparing Sources of Disruptions to Telemedicine-Enabled Stroke Care in an Ambulance. <i>Herd</i> , 2022, 15, 96-115.	1.5	1
3	Sensemaking perspective on infrastructure risk-related mental model development of windstorm loss prevention engineers. <i>Journal of Building Engineering</i> , 2022, 52, 104314.	3.4	2
4	Applying the uses and gratifications theory to identify motivational factors behind young adult's participation in viral social media challenges on TikTok. <i>Human Factors in Healthcare</i> , 2022, 2, 100014.	1.5	28
5	Factors affecting the choice of a dental care provider by older adults based on online consumer reviews. <i>IJSE Transactions on Healthcare Systems Engineering</i> , 2021, 11, 51-69.	1.7	8
6	Understanding Key Home and Community Environment Challenges Encountered by Older Adults Undergoing Total Knee or Hip Arthroplasty. <i>Gerontologist</i> , The, 2021, 61, 1071-1084.	3.9	2
7	Factors Contributing to Adolescents's™ and Young Adults's™ Participation in Web-Based Challenges: Survey Study. <i>JMIR Pediatrics and Parenting</i> , 2021, 4, e24988.	1.6	10
8	An Investigation of the Portrayal of Social Media Challenges on YouTube and Twitter. <i>ACM Transactions on Social Computing</i> , 2021, 4, 1-23.	2.5	12
9	Evaluation of the Content Quality of YouTube Videos on Alternate Therapies for Prevention or Treatment of COVID-19. <i>Journal of Consumer Health on the Internet</i> , 2021, 25, 133-155.	0.4	2
10	Context enabled decision aids to support the situation awareness and performance of risk engineers carrying out loss prevention surveys. <i>International Journal of Industrial Ergonomics</i> , 2021, 83, 103108.	2.6	1
11	Examining Rural and Racial Disparities in the Relationship Between Loneliness and Social Technology Use Among Older Adults. <i>Frontiers in Public Health</i> , 2021, 9, 723925.	2.7	15
12	Does construction service provider's response matter? Understanding the influence of anecdotal information on online consumer decisions. <i>Developments in the Built Environment</i> , 2021, 8, 100061.	4.0	1
13	Designing comprehensible healthcare public reports: An investigation of the use of narratives and tests of quality metrics to support healthcare public report sensemaking. <i>Applied Ergonomics</i> , 2021, 95, 103452.	3.1	4
14	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.	3.1	5
15	Identifying Key Components of Paper-Based and Technology-Based Home Assessment Tools Using a Narrative Literature Review. <i>Journal of Aging and Environment</i> , 2021, 35, 406-432.	1.1	4
16	YouTube Videos as a Source of Information on Alternate Therapies for Prevention or Treatment of SARS-CoV-2 (COVID-19) Infection. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2021, 65, 1572-1573.	0.3	0
17	An empirical study investigating the user acceptance of a virtual conversational agent interface for family health history collection among the geriatric population. <i>Health Informatics Journal</i> , 2020, 26, 2946-2966.	2.1	9
18	Family health history collected by virtual conversational agents: An empirical study to investigate the efficacy of this approach. <i>Journal of Genetic Counseling</i> , 2020, 29, 1081-1092.	1.6	30

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19	Evaluating News Media Reports on the 'Blue Whale Challenge' for Adherence to Suicide Prevention Safe Messaging Guidelines. Proceedings of the ACM on Human-Computer Interaction, 2020, 4, 1-27.	3.3	13
20	Decision Aids in Online Review Portals: An Empirical Study Investigating Their Effectiveness in the Sensemaking Process of Online Information Consumers. Multimodal Technologies and Interaction, 2020, 4, 32.	2.5	7
21	A Preliminary Study of Elements Impacting the Choice of an Online Contractor. Proceedings of the Human Factors and Ergonomics Society, 2020, 64, 1870-1871.	0.3	1
22	Examining the Self-Harm and Suicide Contagion Effects of the Blue Whale Challenge on YouTube and Twitter: Qualitative Study. JMIR Mental Health, 2020, 7, e15973.	3.3	31
23	Understanding the barriers and facilitators associated with the implementation of Continuous Virtual Monitoring system for fall risk reduction in a tertiary healthcare system. Proceedings of the Human Factors and Ergonomics Society, 2020, 64, 1896-1897.	0.3	0
24	An Investigation of the Factors Predicting Participation in Social Media Challenge. Proceedings of the Human Factors and Ergonomics Society, 2020, 64, 810-811.	0.3	2
25	An Investigation of the Usability of a Teleconsent System. Proceedings of the Human Factors and Ergonomics Society, 2020, 64, 1851-1855.	0.3	0
26	An empirical study to investigate the efficacy of collaborative immersive virtual reality systems for designing information architecture of software systems. Applied Ergonomics, 2019, 80, 175-186.	3.1	23
27	An Investigation of the Interaction Patterns of Peer Patrons on an Online Peer-Support Portal for Informal Caregivers of Alzheimer's™ Patients. Journal of Consumer Health on the Internet, 2019, 23, 313-342.	0.4	7
28	An Investigation on the Portrayal of Blue Whale Challenge on YouTube and Twitter. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 887-888.	0.3	12
29	Context-Based Visual Aids to Support the Situation Awareness of Field Engineers Conducting Windstorm Risk Surveys. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 1898-1902.	0.3	1
30	A Preliminary Study Investigating Patients'™ Perceptions of Research Consenting Methods. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 1931-1935.	0.3	4
31	Human adaptation to latency in teleoperated multi-robot human-agent search and rescue teams. Automation in Construction, 2019, 99, 265-277.	9.8	43
32	A survey of automation-enabled human-in-the-loop systems for infrastructure visual inspection. Automation in Construction, 2019, 97, 52-76.	9.8	101
33	Empirical studies to investigate the usability of text- and image-based CAPTCHAs. International Journal of Industrial Ergonomics, 2019, 69, 200-208.	2.6	5
34	Comparing Usability of User Interfaces to Collect Family Health History. Studies in Health Technology and Informatics, 2019, 264, 2005-2006.	0.3	2
35	An investigation of consumer's choice of a healthcare facility when user-generated anecdotal information is integrated into healthcare public reports. International Journal of Industrial Ergonomics, 2018, 66, 206-220.	2.6	20
36	An investigation of the effect of anecdotal information on the choice of a healthcare facility. Applied Ergonomics, 2018, 70, 269-278.	3.1	17

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37	Designing Home-Based Telemedicine Systems for the Geriatric Population: An Empirical Study. <i>Telemedicine Journal and E-Health</i> , 2018, 24, 94-110.	2.8	24
38	An Empirical Study Investigating the Effectiveness of Integrating Anecdotal Patient Experiences into Healthcare Public Reports. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018, 62, 533-537.	0.3	2
39	New Approaches to Collecting Family Health History – A Preliminary Study Investigating the Efficacy of Conversational Systems to Collect Family Health History. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018, 62, 277-281.	0.3	7
40	An Investigation of the Usability Issues of a Family Health History Compiling Application. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018, 62, 1699-1703.	0.3	5
41	Informational Needs of Urinary Incontinent Patients on Online Peer Support Groups-A Pilot Study. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018, 62, 1689-1693.	0.3	0
42	How Should I Choose My Dentist? A Preliminary Study Investigating the Effectiveness of Decision Aids on Healthcare Online Review Portals. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018, 62, 1694-1698.	0.3	15
43	WeRSort: Preliminary Results from a New Method of Remote Collaboration Facilitated by Fully Immersive Virtual Reality. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2018, 62, 2084-2088.	0.3	5
44	A survey of empirical studies on persuasive technologies to promote sustainable living. <i>Sustainable Computing: Informatics and Systems</i> , 2018, 19, 112-122.	2.2	6
45	An investigation of the efficacy of collaborative virtual reality systems for moderated remote usability testing. <i>Applied Ergonomics</i> , 2017, 65, 501-514.	3.1	46
46	A Systematic Review of the Implementation Challenges of Telemedicine Systems in Ambulances. <i>Telemedicine Journal and E-Health</i> , 2017, 23, 707-717.	2.8	69
47	An Investigation of the Information Sought by Caregivers of Alzheimer's Patients on Online Peer Support Groups. <i>Cyberpsychology, Behavior, and Social Networking</i> , 2017, 20, 640-657.	3.9	34
48	Lessons learned from the usability assessment of home-based telemedicine systems. <i>Applied Ergonomics</i> , 2017, 58, 424-434.	3.1	80
49	Designing Telemedicine Systems for Geriatric Patients: A Review of the Usability Studies. <i>Telemedicine Journal and E-Health</i> , 2017, 23, 459-472.	2.8	125
50	An Investigation of the Effect of Latency on the Operator's Trust and Performance for Manual Multi-robot Teleoperated Tasks. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2017, 61, 390-394.	0.3	7
51	An Empirical Study Investigating the Effectiveness of Decision Aids in Supporting the Sensemaking Process on Anonymous Social Media. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2017, 61, 798-802.	0.3	11
52	Toward a More Usable Home-Based Video Telemedicine System: A Heuristic Evaluation of the Clinician User Interfaces of Home-Based Video Telemedicine Systems. <i>JMIR Human Factors</i> , 2017, 4, e11.	2.0	28
53	An Investigation of the Usability Issues of Home-based Video Telemedicine Systems with Geriatric Patients. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2016, 60, 1804-1808.	0.3	17
54	Healthcare information on YouTube: A systematic review. <i>Health Informatics Journal</i> , 2015, 21, 173-194.	2.1	741

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55	An Investigation of the Factors that Predict a Healthcare Consumer's Use of Anecdotal Healthcare Information Available on the Internet. Proceedings of the Human Factors and Ergonomics Society, 2014, 58, 604-608.	0.3	7
56	An investigation of the efficacy of electronic consenting interfaces of research permissions management system in a hospital setting. International Journal of Medical Informatics, 2013, 82, 854-863.	3.3	65
57	Employing User-Created Pictures to Enhance the Recall of System-Generated Mnemonic Phrases and the Security of Passwords. Proceedings of the Human Factors and Ergonomics Society, 2013, 57, 419-423.	0.3	4
58	An Investigation of the Informational Needs of Ovarian Cancer Patients and Their Supporters. Proceedings of the Human Factors and Ergonomics Society, 2013, 57, 748-752.	0.3	12
59	Development of an electronic research permissions management system to enhance informed consents and capture research authorizations data. AMIA Summits on Translational Science Proceedings, 2013, 2013, 189-93.	0.4	9
60	An Empirical Study of the Usability of Consenting Systems: iPad, Touchscreen and Paper-based Systems. Proceedings of the Human Factors and Ergonomics Society, 2011, 55, 813-817.	0.3	9
61	Synchronous remote usability testing. , 2011, , .		37
62	An Investigation of the Usability of Image-based CAPTCHAs. Proceedings of the Human Factors and Ergonomics Society, 2010, 54, 1249-1253.	0.3	7
63	Task, usability, and error analyses of ambulance-based telemedicine for stroke care. IISE Transactions on Healthcare Systems Engineering, 0, , 1-17.	1.7	5
64	Integrating Case Studies in an Online Asynchronous Learning Environment: An Empirical Study to Evaluate the Effect on Community College Student Learning Outcomes and Engagement when Case Studies are Presented Using Virtual Reality. , 0, , .		1
65	An investigation of the Information-Seeking Behaviors of Two-Year College Students Enrolled in Technology Programs. , 0, , .		0
66	Interactive Three Dimensional Visualization Based Engineering Technology Education " Modeling and Animation. , 0, , .		0
67	Use of Virtual Reality Tools in an Undergraduate Mechanical Engineering Manufacturing Course. , 0, , .		1
68	Connecting 2-Year Faculty Professional Development with Technology and Student Learning Perceptions in Online Environments. , 0, , .		0