

# Kapil Chalil Madathil

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1887364/publications.pdf>

Version: 2024-02-01

68  
papers

1,806  
citations

516710

16  
h-index

302126

39  
g-index

71  
all docs

71  
docs citations

71  
times ranked

1839  
citing authors

#	ARTICLE	IF	CITATIONS
1	Healthcare information on YouTube: A systematic review. Health Informatics Journal, 2015, 21, 173-194.	2.1	741
2	Designing Telemedicine Systems for Geriatric Patients: A Review of the Usability Studies. Telemedicine Journal and E-Health, 2017, 23, 459-472.	2.8	125
3	A survey of automation-enabled human-in-the-loop systems for infrastructure visual inspection. Automation in Construction, 2019, 97, 52-76.	9.8	101
4	Lessons learned from the usability assessment of home-based telemedicine systems. Applied Ergonomics, 2017, 58, 424-434.	3.1	80
5	A Systematic Review of the Implementation Challenges of Telemedicine Systems in Ambulances. Telemedicine Journal and E-Health, 2017, 23, 707-717.	2.8	69
6	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
7	An investigation of the efficacy of collaborative virtual reality systems for moderated remote usability testing. Applied Ergonomics, 2017, 65, 501-514.	3.1	46
8	Human adaptation to latency in teleoperated multi-robot human-agent search and rescue teams. Automation in Construction, 2019, 99, 265-277.	9.8	43
9	Synchronous remote usability testing. , 2011, , .		37
10	An Investigation of the Information Sought by Caregivers of Alzheimer's Patients on Online Peer Support Groups. Cyberpsychology, Behavior, and Social Networking, 2017, 20, 640-657.	3.9	34
11	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
12	Family health history collected by virtual conversational agents: An empirical study to investigate the efficacy of this approach. Journal of Genetic Counseling, 2020, 29, 1081-1092.	1.6	30
13	Toward a More Usable Home-Based Video Telemedicine System: A Heuristic Evaluation of the Clinician User Interfaces of Home-Based Video Telemedicine Systems. JMIR Human Factors, 2017, 4, e11.	2.0	28
14	Applying the uses and gratifications theory to identify motivational factors behind young adult's participation in viral social media challenges on TikTok. Human Factors in Healthcare, 2022, 2, 100014.	1.5	28
15	Designing Home-Based Telemedicine Systems for the Geriatric Population: An Empirical Study. Telemedicine Journal and E-Health, 2018, 24, 94-110.	2.8	24
16	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
17	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
18	An Investigation of the Usability Issues of Home-based Video Telemedicine Systems with Geriatric Patients. Proceedings of the Human Factors and Ergonomics Society, 2016, 60, 1804-1808.	0.3	17

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19	An investigation of the effect of anecdotal information on the choice of a healthcare facility. <i>Applied Ergonomics</i> , 2018, 70, 269-278.	3.1	17
20	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
21	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
22	Evaluating News Media Reports on the 'Blue Whale Challenge' for Adherence to Suicide Prevention Safe Messaging Guidelines. <i>Proceedings of the ACM on Human-Computer Interaction</i> , 2020, 4, 1-27.	3.3	13
23	An Investigation of the Informational Needs of Ovarian Cancer Patients and Their Supporters. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2013, 57, 748-752.	0.3	12
24	An Investigation on the Portrayal of Blue Whale Challenge on YouTube and Twitter. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2019, 63, 887-888.	0.3	12
25	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
26	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
27	Factors Contributing to Adolescents'™ and Young Adults'™ Participation in Web-Based Challenges: Survey Study. <i>JMIR Pediatrics and Parenting</i> , 2021, 4, e24988.	1.6	10
28	An Empirical Study of the Usability of Consenting Systems: iPad, Touchscreen and Paper-based Systems. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2011, 55, 813-817.	0.3	9
29	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
30	Development of an electronic research permissions management system to enhance informed consents and capture research authorizations data. <i>AMIA Summits on Translational Science Proceedings</i> , 2013, 2013, 189-93.	0.4	9
31	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
32	An Investigation of the Usability of Image-based CAPTCHAs. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2010, 54, 1249-1253.	0.3	7
33	An Investigation of the Factors that Predict a Healthcare Consumer's™ Use of Anecdotal Healthcare Information Available on the Internet. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2014, 58, 604-608.	0.3	7
34	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
35	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
36	An Investigation of the Interaction Patterns of Peer Patrons on an Online Peer-Support Portal for Informal Caregivers of Alzheimer's™ Patients. <i>Journal of Consumer Health on the Internet</i> , 2019, 23, 313-342.	0.4	7

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37	Decision Aids in Online Review Portals: An Empirical Study Investigating Their Effectiveness in the Sensemaking Process of Online Information Consumers. <i>Multimodal Technologies and Interaction</i> , 2020, 4, 32.	2.5	7
38	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
39	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
40	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
41	Empirical studies to investigate the usability of text- and image-based CAPTCHAs. <i>International Journal of Industrial Ergonomics</i> , 2019, 69, 200-208.	2.6	5
42	Task, usability, and error analyses of ambulance-based telemedicine for stroke care. <i>IISE Transactions on Healthcare Systems Engineering</i> , 0, , 1-17.	1.7	5
43	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
44	Employing User-Created Pictures to Enhance the Recall of System-Generated Mnemonic Phrases and the Security of Passwords. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2013, 57, 419-423.	0.3	4
45	A Preliminary Study Investigating Patients' Perceptions of Research Consenting Methods. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2019, 63, 1931-1935.	0.3	4
46	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
47	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
48	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
49	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
50	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
51	An Investigation of the Factors Predicting Participation in Social Media Challenge. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2020, 64, 810-811.	0.3	2
52	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
53	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
54	Comparing Usability of User Interfaces to Collect Family Health History. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 2005-2006.	0.3	2

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55	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
56	Context enabled decision aids to support the situation awareness and performance of risk engineers carrying out loss prevention surveys. International Journal of Industrial Ergonomics, 2021, 83, 103108.	2.6	1
57	Does construction service provider's response matter? Understanding the influence of anecdotal information on online consumer decisions. Developments in the Built Environment, 2021, 8, 100061.	4.0	1
58	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
59	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
60	Comparing Sources of Disruptions to Telemedicine-Enabled Stroke Care in an Ambulance. Herd, 2022, 15, 96-115.	1.5	1
61	Use of Virtual Reality Tools in an Undergraduate Mechanical Engineering Manufacturing Course. , 0, , .		1
62	Informational Needs of Urinary Incontinent Patients on Online Peer Support Groups-A Pilot Study. Proceedings of the Human Factors and Ergonomics Society, 2018, 62, 1689-1693.	0.3	0
63	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
64	An Investigation of the Usability of a Teleconsent System. Proceedings of the Human Factors and Ergonomics Society, 2020, 64, 1851-1855.	0.3	0
65	YouTube Videos as a Source of Information on Alternate Therapies for Prevention or Treatment of SARS-CoV-2 (COVID-19) Infection. Proceedings of the Human Factors and Ergonomics Society, 2021, 65, 1572-1573.	0.3	0
66	An investigation of the Information-Seeking Behaviors of Two-Year College Students Enrolled in Technology Programs. , 0, , .		0
67	Interactive Three Dimensional Visualization Based Engineering Technology Education " Modeling and Animation. , 0, , .		0
68	Connecting 2-Year Faculty Professional Development with Technology and Student Learning Perceptions in Online Environments. , 0, , .		0