Lex S Van Velsen

List of Publications by Year
in descending order

59 papers	1,670 citations	361296 20 h-index	345118 36 g-index
73 all docs	73 docs citations	73 times ranked	2440 citing authors

#	ARTICLE	IF	CITATIONS
1	What to Discuss?â€"A Blueprint Topic Model for Health Coaching Dialogues With Conversational Agents. International Journal of Human-Computer Interaction, 2023, 39, 164-182.	3.3	6
2	Contextual Health Information Behavior in the Daily Lives of People with Type 2 Diabetes: A Diary Study in Scotland. Health Communication, 2022, 37, 272-284.	1.8	3
3	Best Practices and Lessons Learned for Action Research in eHealth Design and Implementation: Literature Review. Journal of Medical Internet Research, 2022, 24, e31795.	2.1	16
4	Improving usability benchmarking for the eHealth domain: The development of the eHealth UsaBility Benchmarking instrument (HUBBI). PLoS ONE, 2022, 17, e0262036.	1.1	5
5	Consulting the Oracle: A Delphi study for determining parameters for a mental health user profile and personalization strategy for an online service to aid grieving older adults. Internet Interventions, 2022, 28, 100534.	1.4	4
6	Use and Effect of Embodied Conversational Agents for Improving Eating Behavior and Decreasing Loneliness Among Community-Dwelling Older Adults: Randomized Controlled Trial. JMIR Formative Research, 2022, 6, e33974.	0.7	3
7	Game not over: Explaining older adultsâ€™ use and intention to continue using a gamified eHealth service. Health Informatics Journal, 2022, 28, 146045822211060.	1.1	3
8	Time to act matureâ€"Gearing eHealth evaluations towards technology readiness levels. Digital Health, 2022, 8, 205520762211133.	0.9	9
9	Use and Effect of Web-Based Embodied Conversational Agents for Improving Eating Behavior and Decreasing Loneliness Among Community-Dwelling Older Adults: Protocol for a Randomized Controlled Trial. JMIR Research Protocols, 2021, 10, e22186.	0.5	9
10	Supporting eating behaviour of community-dwelling older adults: co-design of an embodied conversational agent. Design for Health, 2021, 5, 120-139.	0.4	11
11	The formation of patient trust and its transference to online health services: the case of a Dutch online patient portal for rehabilitation care. BMC Medical Informatics and Decision Making, 2021, 21, 188.	1.5	9
12	Conceptualizing Usability for the eHealth Context: Content Analysis of Usability Problems of eHealth Applications. JMIR Formative Research, 2021, 5, e18198.	0.7	15
13	Designing a stakeholder-inclusive service model for an eHealth service to support older adults in an active and social life. BMC Health Services Research, 2021, 21, 654.	0.9	6
14	Tailoring coaching strategies to usersâ€™ motivation in a multi-agent health coaching application. Computers in Human Behavior, 2021, 121, 106787.	5.1	13
15	Predictors to Use Mobile Apps for Monitoring COVID-19 Symptoms and Contact Tracing: Survey Among Dutch Citizens. JMIR Formative Research, 2021, 5, e28416.	0.7	29
16	Acceptance and Potential Impact of the eWALL Platform for Health Monitoring and Promotion in Persons with a Chronic Disease or Age-Related Impairment. International Journal of Environmental Research and Public Health, 2020, 17, 7893.	1.2	10
17	Pattern measures of sedentary behaviour in adults: A literature review. Digital Health, 2020, 6, 205520762090541.	0.9	28
18	Developing Embodied Conversational Agents for Coaching People in a Healthy Lifestyle: Scoping Review. Journal of Medical Internet Research, 2020, 22, e14058.	2.1	73

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19	Identifying the Value of an eHealth Intervention Aimed at Cognitive Impairments: Observational Study in Different Contexts and Service Models. Journal of Medical Internet Research, 2020, 22, e17720.	2.1	7
20	LEAVES (optimizing the mentaL health and resiliencE of older Adults that haVe lost thEir spouSe via) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Protocols, 2020, 9, e19344.	0.5	13
21	Embodied Conversational Agent Appearance for Health Assessment of Older Adults: Explorative Study. JMIR Human Factors, 2020, 7, e19987.	1.0	17
22	The Results of an Iterative Evaluation Process of an Mhealth Application for Rewarding Healthy Behaviour Among Older Adults. Communications in Computer and Information Science, 2020, , 62-78.	0.4	0
23	Using socially assistive robots for monitoring and preventing frailty among older adults: a study on usability and user experience challenges. Health and Technology, 2019, 9, 595-605.	2.1	27
24	The use of technology in the context of frailty screening and management interventions: a study of stakeholdersâ€™ perspectives. BMC Medical Informatics and Decision Making, 2019, 19, 110.	1.5	8
25	Assessing usability of eHealth technology: A comparison of usability benchmarking instruments. International Journal of Medical Informatics, 2019, 128, 24-31.	1.6	74
26	Identification of community-dwelling older adults at risk of frailty using the PERSSILAA screening pathway: a methodological guide and results of a large-scale deployment in the Netherlands. BMC Public Health, 2019, 19, 504.	1.2	16
27	Patient acceptance of a telemedicine service for rehabilitation care: A focus group study. International Journal of Medical Informatics, 2019, 125, 22-29.	1.6	56
28	An intervention study to assess potential effect and user experience of an mHealth intervention to reduce sedentary behaviour among older office workers. BMJ Health and Care Informatics, 2019, 26, e100014.	1.4	5
29	Tailoring Persuasive Electronic Health Strategies for Older Adults on the Basis of Personal Motivation: Web-Based Survey Study. Journal of Medical Internet Research, 2019, 21, e11759.	2.1	39
30	Evaluation of three machine learning models for self-referral decision support on low back pain in primary care. International Journal of Medical Informatics, 2018, 110, 31-41.	1.6	46
31	Understanding the Acceptance of an eHealth Technology in the Early Stages of Development: An End-User Walkthrough Approach and Two Case Studies. JMIR Formative Research, 2018, 2, e10474.	0.7	25
32	Lessons Learned From a Living Lab on the Broad Adoption of eHealth in Primary Health Care. Journal of Medical Internet Research, 2018, 20, e83.	2.1	59
33	The Reliability of Using Tablet Technology for Screening the Health of Older Adults. Studies in Health Technology and Informatics, 2018, 247, 651-655.	0.2	4
34	â€œThere Is Something We Need to Tell Youâ€¦â€• Communicating Health-Screening Results to Older Adults via the Internet. Telemedicine Journal and E-Health, 2017, 23, 741-746.	1.6	8
35	Measuring patient trust in telemedicine services: Development of a survey instrument and its validation for an anticoagulation web-service. International Journal of Medical Informatics, 2017, 97, 52-58.	1.6	41
36	Value-based design for the elderly: An application in the field of mobility aids. Assistive Technology, 2017, 29, 76-84.	1.2	12

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37	Exploring Determinants of Patient Adherence to a Portal-Supported Oncology Rehabilitation Program: Interview and Data Log Analyses. JMIR Rehabilitation and Assistive Technologies, 2017, 4, e12.	1.1	10
38	Sedentary Behaviour Profiling of Office Workers: A Sensitivity Analysis of Sedentary Cut-Points. Sensors, 2016, 16, 22.	2.1	11
39	Trust in telemedicine portals for rehabilitation care: an exploratory focus group study with patients and healthcare professionals. BMC Medical Informatics and Decision Making, 2015, 16, 11.	1.5	33
40	A Community-Based, Technology-Supported Health Service for Detecting and Preventing Frailty among Older Adults: A Participatory Design Development Process. Journal of Aging Research, 2015, 2015, 1-9.	0.4	45
41	Developing requirements for a mobile app to support citizens in dealing with ticks and tick bites via end-user profiling. Health Informatics Journal, 2015, 21, 24-35.	1.1	20
42	Requirements for and Barriers towards Interoperable eHealth Technology in Primary Care. IEEE Internet Computing, 2015, 19, 10-19.	3.2	21
43	Personalization has a Price, Controllability is the Currency: Predictors for the Intention to use Personalized eGovernment Websites. Journal of Organizational Computing and Electronic Commerce, 2015, 25, 76-97.	1.0	26
44	Optimal Sensor Placement for Measuring Physical Activity with a 3D Accelerometer. Sensors, 2014, 14, 3188-3206.	2.1	54
45	Public knowledge and preventive behavior during a large-scale Salmonella outbreak: results from an online survey in the Netherlands. BMC Public Health, 2014, 14, 100.	1.2	27
46	Participatory eHealth development to support nurses in antimicrobial stewardship. BMC Medical Informatics and Decision Making, 2014, 14, 45.	1.5	47
47	Why mobile health app overload drives us crazy, and how to restore the sanity. BMC Medical Informatics and Decision Making, 2013, 13, 23.	1.5	117
48	Introduction to the Special Section: Designing a Better User Experience for Self-Service Systems. IEEE Transactions on Professional Communication, 2013, 56, 92-96.	0.6	7
49	Designing eHealth that Matters via a Multidisciplinary Requirements Development Approach. JMIR Research Protocols, 2013, 2, e21.	0.5	200
50	Using Risk Group Profiles as a Lightweight Qualitative Approach for Intervention Development: An Example of Prevention of Tick Bites and Lyme Disease. JMIR Research Protocols, 2013, 2, e45.	0.5	12
51	Should Health Organizations Use Web 2.0 Media in Times of an Infectious Disease Crisis? An In-depth Qualitative Study of Citizens' Information Behavior During an EHEC Outbreak. Journal of Medical Internet Research, 2012, 14, e181.	2.1	40
52	Identifying Usability Issues for Personalization During Formative Evaluations: A Comparison of Three Methods. International Journal of Human-Computer Interaction, 2011, 27, 670-698.	3.3	9
53	Requirements engineering for e-Government services: A citizen-centric approach and case study. Government Information Quarterly, 2009, 26, 477-486.	4.0	97
54	Incorporating user motivations to design for video tagging. Interacting With Computers, 2009, 21, 221-232.	1.0	17

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55	User-centered evaluation of adaptive and adaptable systems: a literature review. Knowledge Engineering Review, 2008, 23, 261-281.	2.1	112
56	Eliciting User Input for Requirements on Personalization. International Journal of Enterprise Information Systems, 2008, 4, 34-46.	0.6	17
57	Testing the usability of a personalized system: comparing the use of interviews, questionnaires and thinking-aloud. , 2007, , .		2
58	Evaluation of User Support: Factors That Affect User Satisfaction With Helpdesks and Helplines. IEEE Transactions on Professional Communication, 2007, 50, 219-231.	0.6	15
59	International eHealth ecosystems and the quest for the winning value proposition: findings from a survey study. Open Research Europe, 0, 2, 56.	2.0	0