

Eirik Årsand

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

2,554
citations

331670

21
h-index

223800

46
g-index

87
all docs

87
docs citations

87
times ranked

3771
citing authors

#	ARTICLE	IF	CITATIONS
1	Features of Mobile Diabetes Applications: Review of the Literature and Analysis of Current Applications Compared Against Evidence-Based Guidelines. <i>Journal of Medical Internet Research</i> , 2011, 13, e65.	4.3	397
2	A Mobile Health Intervention for Self-Management and Lifestyle Change for Persons With Type 2 Diabetes, Part 2: One-Year Results From the Norwegian Randomized Controlled Trial RENEWING HEALTH. <i>JMIR MHealth and UHealth</i> , 2014, 2, e57.	3.7	219
3	Mobile Health Applications to Assist Patients with Diabetes: Lessons Learned and Design Implications. <i>Journal of Diabetes Science and Technology</i> , 2012, 6, 1197-1206.	2.2	175
4	Data-driven modeling and prediction of blood glucose dynamics: Machine learning applications in type 1 diabetes. <i>Artificial Intelligence in Medicine</i> , 2019, 98, 109-134.	6.5	169
5	Mobile Phone-Based Self-Management Tools for Type 2 Diabetes: The Few Touch Application. <i>Journal of Diabetes Science and Technology</i> , 2010, 4, 328-336.	2.2	140
6	Performance of the First Combined Smartwatch and Smartphone Diabetes Diary Application Study. <i>Journal of Diabetes Science and Technology</i> , 2015, 9, 556-563.	2.2	116
7	A Low-Intensity Mobile Health Intervention With and Without Health Counseling for Persons With Type 2 Diabetes, Part 1: Baseline and Short-Term Results From a Randomized Controlled Trial in the Norwegian Part of RENEWING HEALTH. <i>JMIR MHealth and UHealth</i> , 2014, 2, e52.	3.7	96
8	User-centered methods for designing patient-centric self-help tools. <i>Informatics for Health and Social Care</i> , 2008, 33, 158-169.	2.6	94
9	Data-Driven Blood Glucose Pattern Classification and Anomalies Detection: Machine-Learning Applications in Type 1 Diabetes. <i>Journal of Medical Internet Research</i> , 2019, 21, e11030.	4.3	92
10	Social Media Use in Interventions for Diabetes: Rapid Evidence-Based Review. <i>Journal of Medical Internet Research</i> , 2018, 20, e10303.	4.3	80
11	Designing mobile dietary management support technologies for people with diabetes. <i>Journal of Telemedicine and Telecare</i> , 2008, 14, 329-332.	2.7	77
12	Functionalities and input methods for recording food intake: A systematic review. <i>International Journal of Medical Informatics</i> , 2013, 82, 653-664.	3.3	61
13	Integrating Visual Dietary Documentation in Mobile-Phone-Based Self-Management Application for Adolescents With Type 1 Diabetes. <i>Journal of Diabetes Science and Technology</i> , 2015, 9, 541-548.	2.2	52
14	Wearable sensors with possibilities for data exchange: Analyzing status and needs of different actors in mobile health monitoring systems. <i>International Journal of Medical Informatics</i> , 2020, 133, 104017.	3.3	51
15	Methods and Evaluation Criteria for Apps and Digital Interventions for Diabetes Self-Management: Systematic Review. <i>Journal of Medical Internet Research</i> , 2020, 22, e18480.	4.3	44
16	Low-Intensity Self-Management Intervention for Persons With Type 2 Diabetes Using a Mobile Phone-Based Diabetes Diary, With and Without Health Counseling and Motivational Interviewing: Protocol for a Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2013, 2, e34.	1.0	44
17	Mobile Phone-Based Pattern Recognition and Data Analysis for Patients with Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2012, 14, 1098-1104.	4.4	39
18	Data-Driven Personalized Feedback to Patients with Type 1 Diabetes: A Randomized Trial. <i>Diabetes Technology and Therapeutics</i> , 2015, 17, 482-489.	4.4	38

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19	Mobile Health: empowering patients and driving change. Trends in Endocrinology and Metabolism, 2015, 26, 114-117.	7.1	36
20	Acceptability of an mHealth App Intervention for Persons With Type 2 Diabetes and its Associations With Initial Self-Management: Randomized Controlled Trial. JMIR MHealth and UHealth, 2018, 6, e125.	3.7	36
21	Employing a user-centered cognitive walkthrough to evaluate a mHealth diabetes self-management application: A case study and beginning method validation. Journal of Biomedical Informatics, 2019, 91, 103110.	4.3	34
22	Methods and Measures Used to Evaluate Patient-Operated Mobile Health Interventions: Scoping Literature Review. JMIR MHealth and UHealth, 2020, 8, e16814.	3.7	29
23	Challenges in telemedicine and eHealth: lessons learned from 20 years with telemedicine in TromsÅ, Studies in Health Technology and Informatics, 2007, 129, 82-6.	0.3	29
24	A Review of Mobile Terminal-Based Applications for Self-Management of Patients with Diabetes. , 2009, , .		26
25	What Are Diabetes Patients Versus Health Care Personnel Discussing on Social Media?. Journal of Diabetes Science and Technology, 2019, 13, 198-205.	2.2	26
26	Factors Engaging Users of Diabetes Social Media Channels on Facebook, Twitter, and Instagram: Observational Study. Journal of Medical Internet Research, 2020, 22, e21204.	4.3	25
27	Analysing mHealth usage logs in RCTs: Explaining participantsâ€™ interactions with type 2 diabetes self-management tools. PLoS ONE, 2018, 13, e0203202.	2.5	24
28	Inequalities in the Use of eHealth Between Socioeconomic Groups Among Patients With Type 1 and Type 2 Diabetes: Cross-Sectional Study. Journal of Medical Internet Research, 2019, 21, e13615.	4.3	23
29	Relations Between the Use of Electronic Health and the Use of General Practitioner and Somatic Specialist Visits in Patients With Type 1 Diabetes: Cross-Sectional Study. Journal of Medical Internet Research, 2018, 20, e11322.	4.3	22
30	What Do We Know About the Use of Chatbots for Public Health?. Studies in Health Technology and Informatics, 2020, 270, 796-800.	0.3	22
31	The Service User Technology Acceptability Questionnaire: Psychometric Evaluation of the Norwegian Version. JMIR Human Factors, 2018, 5, e10255.	2.0	20
32	Usability of a Mobile Self-Help Tool for People with Diabetes: the Easy Health Diary. , 2007, , .		15
33	How mHealth can facilitate collaboration in diabetes care: qualitative analysis of co-design workshops. BMC Health Services Research, 2020, 20, 1104.	2.2	15
34	Preferences and interests of diabetes social media users regarding a health-promotion intervention. Patient Preference and Adherence, 2018, Volume 12, 2499-2506.	1.8	13
35	Design and Prestudy Assessment of a Dashboard for Presenting Self-Collected Health Data of Patients With Diabetes to Clinicians: Iterative Approach and Qualitative Case Study. JMIR Diabetes, 2019, 4, e14002.	1.9	12
36	Model-driven diabetes care: study protocol for a randomized controlled trial. Trials, 2013, 14, 139.	1.6	10

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37	Mobile applications for people with diabetes published between 2010 and 2015. <i>Diabetes Management</i> , 2015, 5, 539-550.	0.5	9
38	Design and Development of a Context-Aware Knowledge-Based Module for Identifying Relevant Information and Information Gaps in Patients With Type 1 Diabetes Self-Collected Health Data. <i>JMIR Diabetes</i> , 2018, 3, e10431.	1.9	9
39	Use of Electronic Health and Its Impact on Doctor-Visiting Decisions Among People With Diabetes: Cross-Sectional Study. <i>Journal of Medical Internet Research</i> , 2019, 21, e13678.	4.3	9
40	Characterizing development patterns of health-care social networks. <i>Network Modeling Analysis in Health Informatics and Bioinformatics</i> , 2013, 2, 147-157.	2.1	7
41	Measuring the Effects of Sharing Mobile Health Data During Diabetes Consultations: Protocol for a Mixed Method Study. <i>JMIR Research Protocols</i> , 2020, 9, e16657.	1.0	7
42	What are diabetes patients discussing on social media?. <i>International Journal of Integrated Care</i> , 2016, 16, 14.	0.2	7
43	A system for monitoring physical activity data among people with type 2 diabetes. <i>Studies in Health Technology and Informatics</i> , 2008, 136, 113-8.	0.3	7
44	The Use of eHealth and Provider-Based Health Services by Patients with Diabetes Mellitus: Protocol for a Cross-Sectional Study. <i>JMIR Research Protocols</i> , 2016, 5, e207.	1.0	6
45	Review of Serious Games for People with Diabetes. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2016, , 412-447.	0.3	6
46	Temporal Community Structure Patterns in Diabetes Social Networks. , 2012, , .		5
47	Lifestyle changes among people with type 2 diabetes are associated with participation in online groups and time since diagnosis. <i>BMC Health Services Research</i> , 2021, 21, 688.	2.2	5
48	Integrating data from apps, wearables and personal Electronic Health Record (pEHR) systems with clinicians'™ Electronic Health Records (EHR) systems. <i>International Journal of Integrated Care</i> , 2016, 16, 16.	0.2	5
49	Associations Between the Use of eHealth and Out-of-Hours Services in People With Type 1 Diabetes: Cross-Sectional Study. <i>Journal of Medical Internet Research</i> , 2019, 21, e13465.	4.3	5
50	Using blood glucose data as an indicator for epidemic disease outbreaks. <i>Studies in Health Technology and Informatics</i> , 2005, 116, 217-22.	0.3	5
51	Information and communication technology-based interventions for chronic diseases consultation: Scoping review. <i>International Journal of Medical Informatics</i> , 2022, 163, 104784.	3.3	5
52	Towards a mobile solution for predicting illness in Type 1 Diabetes Mellitus: Development of a prediction model for detecting risk of illness in Type 1 Diabetes prior to symptom onset. , 2011, , .		4
53	User Expectations and Willingness to Share Self-Collected Health Data. <i>Studies in Health Technology and Informatics</i> , 2020, 270, 894-898.	0.3	4
54	Play and Learn: Developing a Social Game for Children with Diabetes. <i>Studies in Health Technology and Informatics</i> , 2016, 226, 55-8.	0.3	4

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55	mHealth: Where Is the Potential for Aiding Informal Caregivers?. Studies in Health Technology and Informatics, 2021, 281, 885-890.	0.3	3
56	A Novel Approach for Continuous Health Status Monitoring and Automatic Detection of Infection Incidences in People With Type 1 Diabetes Using Machine Learning Algorithms (Part 2): A Personalized Digital Infectious Disease Detection Mechanism. Journal of Medical Internet Research, 2020, 22, e18912.	4.3	3
57	Toward Detecting Infection Incidence in People With Type 1 Diabetes Using Self-Recorded Data (Part 1): A Novel Framework for a Personalized Digital Infectious Disease Detection System. Journal of Medical Internet Research, 2020, 22, e18911.	4.3	3
58	Social media for adults. , 2020, , 119-129.		3
59	Mobile patient applications within diabetes - from few and easy to advanced functionalities. Studies in Health Technology and Informatics, 2013, 192, 1010.	0.3	3
60	Assessing the Potential Use of Eye-Tracking Triangulation for Evaluating the Usability of an Online Diabetes Exercise System. Studies in Health Technology and Informatics, 2015, 216, 84-8.	0.3	3
61	Mining Symptoms of Severe Mood Disorders in Large Internet Communities. , 2015, , .		2
62	mHealth data-sharing system to improve communication during consultations: Type 1 diabetes patientsâ€™ perspective during the FI-STAR study. International Journal of Integrated Care, 2016, 16, 7.	0.2	2
63	Wireless transfer of sensor data into electronic health records. Studies in Health Technology and Informatics, 2005, 116, 334-9.	0.3	2
64	Effectiveness of an Internet Community for Severely Obese Women. Studies in Health Technology and Informatics, 2016, 225, 597-601.	0.3	2
65	Serious Game Co-Design for Children with Type 1 Diabetes. Studies in Health Technology and Informatics, 2016, 226, 83-6.	0.3	2
66	An Early Infectious Disease Outbreak Detection Mechanism Based on Self-Recorded Data from People with Diabetes. Studies in Health Technology and Informatics, 2017, 245, 619-623.	0.3	2
67	Qualitative Evaluations of mHealth Interventions: Current Gaps and Future Directions. Studies in Health Technology and Informatics, 2020, 270, 1041-1045.	0.3	2
68	Automatic infection detection system. Studies in Health Technology and Informatics, 2007, 129, 566-70.	0.3	1
69	Diverse Recruitment Strategies Are Needed to Reduce Digital Divide: Results from a Workshop Addressing Digital Divide and Effects of Pandemic Restrictions. Studies in Health Technology and Informatics, 2022, , .	0.3	1
70	An online source of information for diabetes mellitus patientsâ€™ a neglected opportunity for a developing region like Sub-Saharan Africa. International Journal of Diabetes in Developing Countries, 2018, 38, 249-250.	0.8	0
71	The COVID-19 Pandemic Revealed the Importance and Shortcomings of Technologies for Diabetes Support. Journal of Diabetes Science and Technology, 2020, 14, 712-713.	2.2	0
72	Exploring Real-World mHealth Use for Diabetes Consultations: Pros and Pitfalls of a Pragmatic Mixed-Methods Approach. Studies in Health Technology and Informatics, 2021, 281, 875-879.	0.3	0

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73	The House of Carbs: Personalized Carbohydrate Dispenser for People with Diabetes. Studies in Health Technology and Informatics, 2020, 270, 693-697.	0.3	0