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List of Publications by Year
in descending order

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44 papers	1,700 citations	394421 19 h-index	315739 38 g-index
62 all docs	62 docs citations	62 times ranked	3560 citing authors

#	Article	IF	Citations
1	Neural Networkâ€“Based Algorithm for Adjusting Activity Targets to Sustain Exercise Engagement Among People Using Activity Trackers: Retrospective Observation and Algorithm Development Study. JMIR MHealth and UHealth, 2020, 8, e18142.	3.7	2
2	Measuring instrumental activities of daily living in non-demented elderly: a comparison of the new performance-based Harvard Automated Phone Task with other functional assessments. Alzheimer's Research and Therapy, 2019, 11, 4.	6.2	9
3	Use of Electronic Health Records to Develop and Implement a Silent Best Practice Alert Notification System for Patient Recruitment in Clinical Research: Quality Improvement Initiative. JMIR Medical Informatics, 2019, 7, e10020.	2.6	12
4	Provider- and Patient-Related Barriers to and Facilitators of Digital Health Technology Adoption for Hypertension Management: Scoping Review. JMIR Cardio, 2019, 3, e11951.	1.7	74
5	A Reinforcement Learningâ€“Based Method for Management of Type 1 Diabetes: Exploratory Study. JMIR Diabetes, 2019, 4, e12905.	1.9	16
6	Factors Influencing Exercise Engagement When Using Activity Trackers: Nonrandomized Pilot Study. JMIR MHealth and UHealth, 2019, 7, e11603.	3.7	4
7	A machine learning model to predict the risk of 30-day readmissions in patients with heart failure: a retrospective analysis of electronic medical records data. BMC Medical Informatics and Decision Making, 2018, 18, 44.	3.0	165
8	Evaluating the Impact of a Web-Based Risk Assessment System (CareSage) and Tailored Interventions on Health Care Utilization: Protocol for a Randomized Controlled Trial. JMIR Research Protocols, 2018, 7, e10045.	1.0	7
9	Health Care Cost Analyses for Exploring Cost Savings Opportunities in Older Patients: Longitudinal Retrospective Study. JMIR Aging, 2018, 1, e10254.	3.0	7
10	Assessing the Usability of an Automated Continuous Temperature Monitoring Device (iThermonitor) in Pediatric Patients: Non-Randomized Pilot Study. JMIR Pediatrics and Parenting, 2018, 1, e10804.	1.6	7
11	Evaluating the Usability and Usefulness of a Mobile App for Atrial Fibrillation Using Qualitative Methods: Exploratory Pilot Study. JMIR Human Factors, 2018, 5, e13.	2.0	18
12	Predictive Modeling of 30-Day Emergency Hospital Transport of Patients Using a Personal Emergency Response System: Prognostic Retrospective Study. JMIR Medical Informatics, 2018, 6, e49.	2.6	10
13	Validating a Machine Learning Algorithm to Predict 30-Day Re-Admissions in Patients With Heart Failure: Protocol for a Prospective Cohort Study. JMIR Research Protocols, 2018, 7, e176.	1.0	8
14	Use of Featforward Mobile Phone App Associated with Decreased Cardiometabolic Risk Factors in Patients with Chronic Conditions. Iproceedings, 2018, 4, e11882.	0.1	0
15	Pilot Study Evaluating the Usability and Acceptability of a Mobile App for Overactive Bladder Disease Management. Iproceedings, 2018, 4, e11881.	0.1	1
16	Participant Engagement with a Hyper-Personalized Activity Tracking Smartphone App. Iproceedings, 2018, 4, e11876.	0.1	0
17	Healthcare utilization in older patients using personal emergency response systems: an analysis of electronic health records and medical alert data. BMC Health Services Research, 2017, 17, 282.	2.2	26
18	Designing Patient-Centered Text Messaging Interventions for Increasing Physical Activity Among Participants With Type 2 Diabetes: Qualitative Results From the Text to Move Intervention. JMIR MHealth and UHealth, 2017, 5, e54.	3.7	37

#	Article	IF	Citations
19	Mobile Application to Promote Adherence to Oral Chemotherapy and Symptom Management: A Protocol for Design and Development. JMIR Research Protocols, 2017, 6, e62.	1.0	80
20	Activities of daily living measured by the Harvard Automated Phone Task track with cognitive decline over time in non-demented elderly. journal of prevention of Alzheimer's disease, The, 2017, 4, 81-86.	2.7	8
21	F5-05-02: The Harvard Automated Phone Task (APT): A Novel Performance-Based ADL Instrument for Early Alzheimerâ€™s Disease. , 2016, 12, P373-P373.		1
22	A Remote Medication Monitoring System for Chronic Heart Failure Patients to Reduce Readmissions: A Two-Arm Randomized Pilot Study. Journal of Medical Internet Research, 2016, 18, e91.	4.3	57
23	Personalized Telehealth in the Future: A Global Research Agenda. Journal of Medical Internet Research, 2016, 18, e53.	4.3	212
24	Telemedical Education: Training Digital Natives in Telemedicine. Journal of Medical Internet Research, 2016, 18, e193.	4.3	92
25	Text to Move: A Randomized Controlled Trial of a Text-Messaging Program to Improve Physical Activity Behaviors in Patients With Type 2 Diabetes Mellitus. Journal of Medical Internet Research, 2016, 18, e307.	4.3	64
26	A Multimodal mHealth Intervention (FeatForward) to Improve Physical Activity Behavior in Patients with High Cardiometabolic Risk Factors: Rationale and Protocol for a Randomized Controlled Trial. JMIR Research Protocols, 2016, 5, e84.	1.0	11
27	Reinforcement Learning Algorithm for Blood Glucose Control in Diabetic Patients. , 2015, , .		4
28	â€œFriendingâ€•Teens: Systematic Review of Social Media in Adolescent and Young Adult Health Care. Journal of Medical Internet Research, 2015, 17, e4.	4.3	160
29	The Effect of Technology-Based Interventions on Pain, Depression, and Quality of Life in Patients With Cancer: A Systematic Review of Randomized Controlled Trials. Journal of Medical Internet Research, 2015, 17, e65.	4.3	120
30	Heart Failure Remote Monitoring: Evidence From the Retrospective Evaluation of a Real-World Remote Monitoring Program. Journal of Medical Internet Research, 2015, 17, e101.	4.3	26
31	Patient Engagement With a Mobile Web-Based Telemonitoring System for Heart Failure Self-Management: A Pilot Study. JMIR MHealth and UHealth, 2015, 3, e33.	3.7	82
32	Prescription Tablets in the Digital Age: A Cross-Sectional Study Exploring Patient and Physician Attitudes Toward the Use of Tablets for Clinic-Based Personalized Health Care Information Exchange. JMIR Research Protocols, 2015, 4, e116.	1.0	22
33	The Harvard Automated Phone Task: new performance-based activities of daily living tests for early Alzheimer's disease. journal of prevention of Alzheimer's disease, The, 2015, 2, 242-253.	2.7	14
34	Academic Medical Centers as digital health catalysts. Healthcare, 2014, 2, 173-176.	1.3	35
35	Representation of Health Conditions on Facebook: Content Analysis and Evaluation of User Engagement. Journal of Medical Internet Research, 2014, 16, e182.	4.3	90
36	â€œReal-Worldâ€•Practical Evaluation Strategies: A Review of Telehealth Evaluation. JMIR Research Protocols, 2014, 3, e75.	1.0	38

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37	Pain Management in Cancer Patients Using a Mobile App: Study Design of a Randomized Controlled Trial. JMIR Research Protocols, 2014, 3, e76.	1.0	23
38	Improving Outcomes in Cancer Patients on Oral Anti-Cancer Medications Using a Novel Mobile Phone-Based Intervention: Study Design of a Randomized Controlled Trial. JMIR Research Protocols, 2014, 3, e79.	1.0	33
39	The Impact of Using Mobile-Enabled Devices on Patient Engagement in Remote Monitoring Programs. Journal of Diabetes Science and Technology, 2013, 7, 623-629.	2.2	20
40	TEXT TO MOVE â€“ Randomized Controlled Trial of Personalized Text Messaging to Improve Physical Activity in a Diverse Patient Population with Type 2 Diabetes Mellitus. Journal of Mobile Technology in Medicine, 2013, 2, 8-8.	0.5	11
41	Diabetes Connect: An Evaluation of Patient Adoption and Engagement in a Web-Based Remote Glucose Monitoring Program. Journal of Diabetes Science and Technology, 2012, 6, 1328-1336.	2.2	27
42	Evaluating a web-based self-management program for employees with hypertension and prehypertension: A randomized clinical trial. American Heart Journal, 2012, 164, 625-631.	2.7	46
43	Implementing a Web-Based Home Monitoring System within an Academic Health Care Network: Barriers and Facilitators to Innovation Diffusion. Journal of Diabetes Science and Technology, 2011, 5, 32-38.	2.2	8
44	Behavioral phenotyping: a tool for personalized medicine. Personalized Medicine, 2010, 7, 689-693.	1.5	10