Joseph C Kvedar

List of Publications by Year
in descending order

87	3,566	236833 25	155592 55
papers	citations	h-index	g-index

106	106	106	5956
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Video-based physiologic monitoring: promising applications for the ICU and beyond. Npj Digital Medicine, 2022, 5, 26.	5.7	5
2	Crossing the chasm from model performance to clinical impact: the need to improve implementation and evaluation of AI. Npj Digital Medicine, 2022, 5, 25.	5.7	17
3	Computational drug repurposing in the age of COVID-19: mixing antiviral cocktails in silico. Npj Digital Medicine, 2022, 5, 52.	5.7	0
4	Multinational landscape of health app policy: toward regulatory consensus on digital health. Npj Digital Medicine, 2022, 5, 61.	5.7	5
5	Watching Parkinsonâ€™s disease with wrist-based sensors. Npj Digital Medicine, 2022, 5, .	5.7	5
6	Use of teledermatology by dermatology hospitalists is effective in the diagnosis and management of inpatient disease. Journal of the American Academy of Dermatology, 2021, 84, 1547-1553.	0.6	27
7	Asynchronous telemedicine for isotretinoin management: A direct care pilot. Journal of the American Academy of Dermatology, 2021, , .	0.6	12
8	Potential Benefits of Remote Continuous Care for Depression. International Journal of Digital Health, 2021, 1, 15.	0.4	5
9	Habits Heart App for Patient Engagement in Heart Failure Management: Pilot Feasibility Randomized Trial. JMIR MHealth and UHealth, 2021, 9, e19465.	1.8	17
10	eConsult teletriage for the evaluation of suspected skin cancers: A 3-year retrospective assessment. Journal of the American Academy of Dermatology, 2021, , .	0.6	0
11	Wearables as a tool for measuring therapeutic adherence in behavioral health. Npj Digital Medicine, 2021, 4, 79.	5.7	2
12	Skin Cancer Telemedicine Medical Malpractice Risk. JAMA Dermatology, 2021, 157, 870-871.	2.0	8
13	A randomized trial examining the effect of predictive analytics and tailored interventions on the cost of care. Npj Digital Medicine, 2021, 4, 92.	5.7	3
14	Predictive analytics and tailored interventions improve clinical outcomes in older adults: a randomized controlled trial. Npj Digital Medicine, 2021, 4, 97.	5.7	10
15	Simulated trials: in silico approach adds depth and nuance to the RCT gold-standard. Npj Digital Medicine, 2021, 4, 121.	5.7	8
16	Innovative new model predicts glucose levels without poking or prodding. Npj Digital Medicine, 2021, 4, 126.	5.7	2
17	Beyond performance metrics: modeling outcomes and cost for clinical machine learning. Npj Digital Medicine, 2021, 4, 119.	5.7	2
18	Mobile health technology for diverse populations: challenges and opportunities. Npj Digital Medicine, 2021, 4, 130.	5.7	3

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19	Cultural adaptation: a framework for addressing an often-overlooked dimension of digital health accessibility. Npj Digital Medicine, 2021, 4, 143.	5.7	14
20	The Difference in Practice Expense Costs Between Telehealth and In-Office Care Could Serve as the Basis for Differential Reimbursement Structures. Telemedicine Journal and E-Health, 2021, , .	1.6	5
21	Patient Generated Health Data Earn a Seat at the Table:Clinical Adoption During the Covid-19 Transition to Telemedicine. JAMIA Open, 2021, 4, ooab097.	1.0	2
22	Efficient cellular annotation of histopathology slides with real-time AI augmentation. Npj Digital Medicine, 2021, 4, 161.	5.7	3
23	Combining teledermatology with nonphysician members of the health care team to address access and compliance barriers in pediatric atopic dermatitis: A needs assessment. Journal of the American Academy of Dermatology, 2020, 83, 237-239.	0.6	5
24	Best practices for authors of healthcare-related artificial intelligence manuscripts. Npj Digital Medicine, 2020, 3, 134.	5.7	32
25	Agile analytics to support rapid knowledge pipelines. Npj Digital Medicine, 2020, 3, 108.	5.7	5
26	Anticipating and treating dementia: lessons hidden in plain sight. Npj Digital Medicine, 2020, 3, 153.	5.7	1
27	A feasibility study of the burden of disease of atopic dermatitis using a smartphone research application, myEczema. International Journal of Women's Dermatology, 2020, 6, 424-428.	1.1	3
28	Pediatric dermatology eConsults: Reduced wait times and dermatology office visits. Pediatric Dermatology, 2020, 37, 804-810.	0.5	19
29	Evidence for the effectiveness of digital health. Npj Digital Medicine, 2020, 3, 34.	5.7	9
30	Telemedicine and the COVID-19 Pandemic, Lessons for the Future. Telemedicine Journal and E-Health, 2020, 26, 571-573.	1.6	423
31	A Case of Fever and Erythema Nodosum-Like Lesions Leading to a New Diagnosis of Gamma-Delta T-Cell Lymphoma Complicated by Hemophagocytic Lymphohistiocytosis. Dermatopathology (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.7	2
32	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.	1.8	2
33	Reported Cases of Medical Malpractice in Direct-to-Consumer Telemedicine. JAMA - Journal of the American Medical Association, 2019, 321, 1309.	3.8	33
34	Telemedicine for infectious disease careâ€”how do we measure the true value?. Annals of Translational Medicine, 2019, 7, S178-S178.	0.7	2
35	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.	1.3	12
36	Factors Influencing Exercise Engagement When Using Activity Trackers: Nonrandomized Pilot Study. JMIR MHealth and UHealth, 2019, 7, e11603.	1.8	4

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37	Artificial intelligence powers digital medicine. Npj Digital Medicine, 2018, 1, 5.	5.7	224
38	Retail Outlets Using Telehealth Pose Significant Policy Questions For Health Care. Health Affairs, 2018, 37, 2069-2075.	2.5	7
39	Use of user-centered design to create a smartphone application for patient-reported outcomes in atopic dermatitis. Npj Digital Medicine, 2018, 1, 33.	5.7	8
40	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.	1.5	165
41	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.	0.5	7
42	Health Care Cost Analyses for Exploring Cost Savings Opportunities in Older Patients: Longitudinal Retrospective Study. JMIR Aging, 2018, 1, e10254.	1.4	7
43	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.	0.8	7
44	Evaluating the Usability and Usefulness of a Mobile App for Atrial Fibrillation Using Qualitative Methods: Exploratory Pilot Study. JMIR Human Factors, 2018, 5, e13.	1.0	18
45	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.	1.3	10
46	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.	0.5	8
47	Use of Featforward Mobile Phone App Associated with Decreased Cardiometabolic Risk Factors in Patients with Chronic Conditions. Iproceedings, 2018, 4, e11882.	0.1	0
48	Pilot Study Evaluating the Usability and Acceptability of a Mobile App for Overactive Bladder Disease Management. Iproceedings, 2018, 4, e11881.	0.1	1
49	Participant Engagement with a Hyper-Personalized Activity Tracking Smartphone App. Iproceedings, 2018, 4, e11876.	0.1	0
50	mHealth advances clinical research, bit by bit. Nature Biotechnology, 2017, 35, 337-339.	9.4	16
51	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.	0.9	26
52	Benefits and Risks of Machine Learning Decision Support Systems. JAMA - Journal of the American Medical Association, 2017, 318, 2356.	3.8	2
53	Commercial Video Games As Therapy: A New Research Agenda to Unlock the Potential of a Global Pastime. Frontiers in Psychiatry, 2017, 8, 300.	1.3	90
54	Digital Health and Patient Safety. JAMA - Journal of the American Medical Association, 2016, 315, 1697.	3.8	52

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55	Digital medicine's march on chronic disease. Nature Biotechnology, 2016, 34, 239-246.	9.4	171
56	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.	2.1	57
57	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.	2.1	64
58	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.	0.5	11
59	Making Mobile Health Measure Up. JAMA Dermatology, 2015, 151, 481.	2.0	4
60	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.	2.1	120
61	Heart Failure Remote Monitoring: Evidence From the Retrospective Evaluation of a Real-World Remote Monitoring Program. Journal of Medical Internet Research, 2015, 17, e101.	2.1	26
62	Patient Engagement With a Mobile Web-Based Telemonitoring System for Heart Failure Self-Management: A Pilot Study. JMIR MHealth and UHealth, 2015, 3, e33.	1.8	82
63	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.	0.5	22
64	The Empirical Foundations of Telemedicine Interventions for Chronic Disease Management. Telemedicine Journal and E-Health, 2014, 20, 769-800.	1.6	259
65	Connected Health: A Review Of Technologies And Strategies To Improve Patient Care With Telemedicine And Telehealth. Health Affairs, 2014, 33, 194-199.	2.5	439
66	Web-Based Depression Screening and Psychiatric Consultation for College Students: A Feasibility and Acceptability Study. International Journal of Telemedicine and Applications, 2014, 2014, 1-9.	1.1	39
67	â€œReal-Worldâ€•Practical Evaluation Strategies: A Review of Telehealth Evaluation. JMIR Research Protocols, 2014, 3, e75.	0.5	38
68	Pain Management in Cancer Patients Using a Mobile App: Study Design of a Randomized Controlled Trial. JMIR Research Protocols, 2014, 3, e76.	0.5	23
69	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.	0.5	33
70	Assessing Hospital Readmission Risk Factors in Heart Failure Patients Enrolled in a Telemonitoring Program. International Journal of Telemedicine and Applications, 2013, 2013, 1-6.	1.1	16
71	The Impact of Using Mobile-Enabled Devices on Patient Engagement in Remote Monitoring Programs. Journal of Diabetes Science and Technology, 2013, 7, 623-629.	1.3	20
72	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

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73	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.	1.3	27
74	Linking Electronic Health Record-Extracted Psychosocial Data in Real-Time to Risk of Readmission for Heart Failure. Psychosomatics, 2011, 52, 319-327.	2.5	47
75	E-patient Connectivity and the Near Term Future. Journal of General Internal Medicine, 2011, 26, 636-638.	1.3	13
76	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.	1.3	8
77	Use of Remote Monitoring to Improve Outcomes in Patients with Heart Failure: A Pilot Trial. International Journal of Telemedicine and Applications, 2010, 2010, 1-7.	1.1	42
78	Text Messages as a Reminder Aid and Educational Tool in Adults and Adolescents with Atopic Dermatitis: A Pilot Study. Dermatology Research and Practice, 2010, 2010, 1-6.	0.3	38
79	Text-Message Reminders to Improve Sunscreen Use. Archives of Dermatology, 2009, 145, 1230-6.	1.7	213
80	Diabetes Connected Health: A Pilot Study of a Patient- and Provider-Shared Glucose Monitoring Web Application. Journal of Diabetes Science and Technology, 2009, 3, 345-352.	1.3	46
81	Impact of Home-Based Monitoring on the Care of Patients with Congestive Heart Failure. Home Health Care Management and Practice, 2006, 18, 444-451.	0.4	57
82	Internet based consultations to transfer knowledge for patients requiring specialised care: retrospective case review. BMJ: British Medical Journal, 2003, 326, 696-699.	2.4	24
83	Teledermatology in a Capitated Delivery System Using Distributed Information Architecture: Design and Development. Telemedicine and E-Health, 1999, 5, 357-366.	1.3	40
84	Role for Telemedicine in Acute Stroke. Stroke, 1999, 30, 2141-2145.	1.0	200
85	Keratinocytes stimulate prostaglandin I2 synthesis by 3T3 cells and exhibit enhanced cornification when exposed to prostaglandin I2 analogues. Journal of Cellular Physiology, 1992, 150, 269-275.	2.0	5
86	Dietary management reverses grooving and abnormal polarization of hair shafts in argininosuccinase deficiency. American Journal of Medical Genetics Part A, 1991, 40, 211-213.	2.4	14
87	Policies, barriers, and other issues. , 0, , 44-56.		0