

# Joseph A Cafazzo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3886831/publications.pdf>

Version: 2024-02-01

106  
papers

4,817  
citations

126907

33  
h-index

118850

62  
g-index

140  
all docs

140  
docs citations

140  
times ranked

7430  
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing a Framework for Remote Cancer Care Through Community Co-design: Participatory Development Study. <i>Journal of Medical Internet Research</i> , 2022, 24, e29492.	4.3	5
2	Challenges of Telemonitoring Programs for Complex Chronic Conditions: Randomized Controlled Trial With an Embedded Qualitative Study. <i>Journal of Medical Internet Research</i> , 2022, 24, e31754.	4.3	11
3	Prospective trial registration and publication rates of randomized clinical trials in digital health: A cross-sectional analysis of global trial registries. <i>Digital Health</i> , 2022, 8, 205520762210900.	1.8	0
4	The Need for Ethnoracial Equity in Artificial Intelligence for Diabetes Management: Review and Recommendations. <i>Journal of Medical Internet Research</i> , 2021, 23, e22320.	4.3	20
5	Digital Applications Targeting Medication Safety in Ambulatory High-Risk CKD Patients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021, 16, 532-542.	4.5	15
6	Virtual care for prostate cancer survivorship: protocol for an evaluation of a nurse-led algorithm-enhanced virtual clinic implemented at five cancer centres across Canada. <i>BMJ Open</i> , 2021, 11, e045806.	1.9	12
7	Defending Against Medical Error: Personal Reflections on the Legacy of John Senders. <i>Human Factors</i> , 2021, , 001872082110334.	3.5	0
8	User-centered design features for digital health applications to support physical activity behaviors in solid organ transplant recipients: A qualitative study. <i>Clinical Transplantation</i> , 2021, 35, e14472.	1.6	7
9	What do you mean by engagement? â€“ evaluating the use of community engagement in the design and implementation of chronic disease-based interventions for Indigenous populations â€“ scoping review. <i>International Journal for Equity in Health</i> , 2021, 20, 8.	3.5	17
10	Patient-Generated Data Analytics of Health Behaviors of People Living With Type 2 Diabetes: Scoping Review. <i>JMIR Diabetes</i> , 2021, 6, e29027.	1.9	2
11	Genomic Health Literacy Interventions in Pediatrics: Scoping Review. <i>Journal of Medical Internet Research</i> , 2021, 23, e26684.	4.3	4
12	Virtual care models for cancer survivorship. <i>Npj Digital Medicine</i> , 2020, 3, 113.	10.9	25
13	Design for digital health. , 2020, , 47-65.		0
14	A ResearchKit app to deliver paediatric electronic consent: Protocol of an observational study in adolescents with arthritis. <i>Contemporary Clinical Trials Communications</i> , 2020, 17, 100525.	1.1	7
15	Development and usability testing of HEARTPAâ™: protocol for a mixed methods strategy to develop an integrated smartphone and web-based intervention for women with cardiac pain. <i>BMJ Open</i> , 2020, 10, e033092.	1.9	2
16	Prospective registration and reporting of trial number in randomised clinical trials: global cross sectional study of the adoption of ICMJE and Declaration of Helsinki recommendations. <i>BMJ, The</i> , 2020, 369, m982.	6.0	44
17	Outcomes of a Heart Failure Telemonitoring Program Implemented as the Standard of Care in an Outpatient Heart Function Clinic: Pretest-Posttest Pragmatic Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e16538.	4.3	79
18	Evaluation of Digital Technologies Tailored to Support Young Peopleâ€™s Self-Management of Musculoskeletal Pain: Mixed Methods Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e18315.	4.3	21

#	ARTICLE	IF	CITATIONS
19	The Challenges of COVID-19 for People Living With Diabetes: Considerations for Digital Health. <i>JMIR Diabetes</i> , 2020, 5, e19581.	1.9	18
20	Lived Experiences and Technological Literacy of Heart Failure Patients and Clinicians at a Cardiac Care Centre in Uganda. <i>Annals of Global Health</i> , 2020, 86, 85.	2.0	4
21	Self-management of non-communicable diseases in low- and middle-income countries: A scoping review. <i>PLoS ONE</i> , 2019, 14, e0219141.	2.5	35
22	A Digital-First Model of Diabetes Care. <i>Diabetes Technology and Therapeutics</i> , 2019, 21, S2-52-S2-58.	4.4	18
23	Supporting the Establishment of New Home Dialysis Programs Through the Explore Home Dialysis Program. <i>Kidney International Reports</i> , 2019, 4, 293-300.	0.8	13
24	Turning challenges into design principles: Telemonitoring systems for patients with multiple chronic conditions. <i>Health Informatics Journal</i> , 2019, 25, 1188-1200.	2.1	16
25	A Patient-Centered Mobile Health System That Supports Asthma Self-Management (breathe): Design, Development, and Utilization. <i>JMIR MHealth and UHealth</i> , 2019, 7, e10956.	3.7	55
26	Implementation of a Heart Failure Telemonitoring System in Home Care Nursing: Feasibility Study. <i>JMIR Medical Informatics</i> , 2019, 7, e11722.	2.6	12
27	Capturing Daily Disease Experiences of Adolescents With Chronic Pain: mHealth-Mediated Symptom Tracking. <i>JMIR MHealth and UHealth</i> , 2019, 7, e11838.	3.7	26
28	A Library of Analytic Indicators to Evaluate Effective Engagement with Consumer mHealth Apps for Chronic Conditions: Scoping Review. <i>JMIR MHealth and UHealth</i> , 2019, 7, e11941.	3.7	102
29	iCanCope PostOp: User-Centered Design of a Smartphone-Based App for Self-Management of Postoperative Pain in Children and Adolescents. <i>JMIR Formative Research</i> , 2019, 3, e12028.	1.4	41
30	Use of Free-Living Step Count Monitoring for Heart Failure Functional Classification: Validation Study. <i>JMIR Cardio</i> , 2019, 3, e12122.	1.7	23
31	Patient Adherence to a Mobile Phone-Based Heart Failure Telemonitoring Program: A Longitudinal Mixed-Methods Study. <i>JMIR MHealth and UHealth</i> , 2019, 7, e13259.	3.7	79
32	Investigating the Use of Mobile Health Interventions in Vulnerable Populations for Cardiovascular Disease Management: Scoping Review. <i>JMIR MHealth and UHealth</i> , 2019, 7, e14275.	3.7	11
33	The Service of Research Analytics to Optimize Digital Health Evidence Generation: Multilevel Case Study. <i>Journal of Medical Internet Research</i> , 2019, 21, e14849.	4.3	7
34	Design and evaluation of a safety-centered user interface for radiation therapy. <i>Practical Radiation Oncology</i> , 2018, 8, e346-e354.	2.1	3
35	Evaluating the Implementation of a Mobile Phone-Based Telemonitoring Program: Longitudinal Study Guided by the Consolidated Framework for Implementation Research. <i>JMIR MHealth and UHealth</i> , 2018, 6, e10768.	3.7	59
36	Usability Evaluation of a Mobile Phone-Based System for Remote Monitoring and Management of Chemotherapy-Related Side Effects in Cancer Patients: Mixed-Methods Study. <i>JMIR Cancer</i> , 2018, 4, e10932.	2.4	46

#	ARTICLE	IF	CITATIONS
37	An Analytics Platform to Evaluate Effective Engagement With Pediatric Mobile Health Apps: Design, Development, and Formative Evaluation. <i>JMIR MHealth and UHealth</i> , 2018, 6, e11447.	3.7	21
38	User-Centered Adaptation of an Existing Heart Failure Telemonitoring Program to Ensure Sustainability and Scalability: Qualitative Study. <i>JMIR Cardio</i> , 2018, 2, e11466.	1.7	23
39	Nonpublication Rates and Characteristics of Registered Randomized Clinical Trials in Digital Health: Cross-Sectional Analysis. <i>Journal of Medical Internet Research</i> , 2018, 20, e11924.	4.3	29
40	The Perceived Ease of Use and Usefulness of Loop: Evaluation and Content Analysis of a Web-Based Clinical Collaboration System. <i>JMIR Human Factors</i> , 2018, 5, e2.	2.0	11
41	Perceptions of Adolescents With Cancer Related to a Pain Management App and Its Evaluation: Qualitative Study Nested Within a Multicenter Pilot Feasibility Study. <i>JMIR MHealth and UHealth</i> , 2018, 6, e80.	3.7	37
42	Implementation and Evaluation of a Smartphone-Based Telemonitoring Program for Patients With Heart Failure: Mixed-Methods Study Protocol. <i>JMIR Research Protocols</i> , 2018, 7, e121.	1.0	15
43	Development of a mHealth Real-Time Pain Self-Management App for Adolescents With Cancer: An Iterative Usability Testing Study. <i>Journal of Pediatric Oncology Nursing</i> , 2017, 34, 283-294.	1.5	88
44	Implementation and preliminary effectiveness of a real-time pain management smartphone app for adolescents with cancer: A multicenter pilot clinical study. <i>Pediatric Blood and Cancer</i> , 2017, 64, e26554.	1.5	114
45	The Impact of Environmental Design on Doffing Personal Protective Equipment in a Healthcare Environment: A Formative Human Factors Trial. <i>Infection Control and Hospital Epidemiology</i> , 2017, 38, 712-717.	1.8	22
46	Assessing the Use of Wrist-Worn Devices in Patients With Heart Failure: Feasibility Study. <i>JMIR Cardio</i> , 2017, 1, e8.	1.7	12
47	A Mobile App for the Self-Management of Type 1 Diabetes Among Adolescents: A Randomized Controlled Trial. <i>JMIR MHealth and UHealth</i> , 2017, 5, e82.	3.7	110
48	Adoption, Acceptability, and Effectiveness of a Mobile Health App for Personalized Prostate Cancer Survivorship Care: Protocol for a Realist Case Study of the Ned App. <i>JMIR Research Protocols</i> , 2017, 6, e197.	1.0	21
49	Self-Management and Clinical Decision Support for Patients With Complex Chronic Conditions Through the Use of Smartphone-Based Telemonitoring: Randomized Controlled Trial Protocol. <i>JMIR Research Protocols</i> , 2017, 6, e229.	1.0	16
50	A game plan: Gamification design principles in mHealth applications for chronic disease management. <i>Health Informatics Journal</i> , 2016, 22, 184-193.	2.1	298
51	Personal Protective Equipment for Infectious Disease Preparedness: A Human Factors Evaluation. <i>Infection Control and Hospital Epidemiology</i> , 2016, 37, 1022-1028.	1.8	40
52	Integrating a Smartphone-Based Self-Management System into Usual Care of Advanced CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 1054-1062.	4.5	90
53	Use of a Self-Management Mobile Application by Adolescents with Type 1 Diabetes. <i>Canadian Journal of Diabetes</i> , 2016, 40, S65-S66.	0.8	0
54	The usability of ventilators: a comparative evaluation of use safety and user experience. <i>Critical Care</i> , 2016, 20, 263.	5.8	27

#	ARTICLE	IF	CITATIONS
55	The Systematic Design of a Behavioural Mobile Health Application for the Self-Management of Type 2 Diabetes. Canadian Journal of Diabetes, 2016, 40, 95-104.	0.8	105
56	Challenges and Paradoxes of Human Factors in Health Technology Design. JMIR Human Factors, 2016, 3, e11.	2.0	20
57	In the Loop: The Organization of Team-Based Communication in a Patient-Centered Clinical Collaboration System. JMIR Human Factors, 2016, 3, e12.	2.0	11
58	Uptake of a Consumer-Focused mHealth Application for the Assessment and Prevention of Heart Disease: The &lt;30 Days Study. JMIR MHealth and UHealth, 2016, 4, e32.	3.7	34
59	Development of a Wearable Cardiac Monitoring System for Behavioral Neurocardiac Training: A Usability Study. JMIR MHealth and UHealth, 2016, 4, e45.	3.7	15
60	Beyond the Randomized Controlled Trial: A Review of Alternatives in mHealth Clinical Trial Methods. JMIR MHealth and UHealth, 2016, 4, e107.	3.7	148
61	Evaluation of a Behavioral Mobile Phone App Intervention for the Self-Management of Type 2 Diabetes: Randomized Controlled Trial Protocol. JMIR Research Protocols, 2016, 5, e174.	1.0	23
62	Engaging Patients in Online Self-Care Technologies for Chronic Disease Management. Healthcare Quarterly, 2016, 18, 55-61.	0.7	3
63	Technological aspects of hospital communication challenges: an observational study. International Journal for Quality in Health Care, 2015, 27, 183-188.	1.8	33
64	Psychological and Physical Interventions for the Management of Cancer-Related Pain in Pediatric and Young Adult Patients: An Integrative Review. Oncology Nursing Forum, 2015, 42, E339-E357.	1.2	68
65	Evaluation of a Clinical Tool to Test and Adjust the Programmed Overnight Basal Profiles for Insulin Pump Therapy: A Pilot Study. Canadian Journal of Diabetes, 2015, 39, 364-372.	0.8	4
66	The Use of Behavior Change Theory in Internet-Based Asthma Self-Management Interventions: A Systematic Review. Journal of Medical Internet Research, 2015, 17, e89.	4.3	47
67	Mitigating errors caused by interruptions during medication verification and administration: interventions in a simulated ambulatory chemotherapy setting. BMJ Quality and Safety, 2014, 23, 884-892.	3.7	68
68	A Smartphone-Based Pain Management App for Adolescents With Cancer: Establishing System Requirements and a Pain Care Algorithm Based on Literature Review, Interviews, and Consensus. JMIR Research Protocols, 2014, 3, e15.	1.0	70
69	The Consumer Health Gap: Are We innovating for the Future, or Simply Addressing the Past?. HealthcarePapers, 2014, 13, 27-31.	0.3	1
70	Implementation and Optimization of Smart Infusion Systems: Are we Reaping the Safety Benefits?. Journal for Healthcare Quality: Official Publication of the National Association for Healthcare Quality, 2013, 35, 33-40.	0.7	12
71	Mobile phone health apps for diabetes management: Current evidence and future developments. QJM - Monthly Journal of the Association of Physicians, 2013, 106, 1067-1069.	0.5	88
72	Comparative evaluation of an ambulatory EEG platform vs. clinical gold standard. , 2013, 2013, 1222-5.		1

#	ARTICLE	IF	CITATIONS
73	Advancement of the Artificial Pancreas through the Development of Interoperability Standards. <i>Journal of Diabetes Science and Technology</i> , 2013, 7, 1066-1070.	2.2	12
74	ORDER SETS IN HEALTH CARE: A SYSTEMATIC REVIEW OF THEIR EFFECTS. <i>International Journal of Technology Assessment in Health Care</i> , 2012, 28, 235-240.	0.5	24
75	Effect of Home Blood Pressure Telemonitoring With Self-Care Support on Uncontrolled Systolic Hypertension in Diabetics. <i>Hypertension</i> , 2012, 60, 51-57.	2.7	171
76	Qualitative studies enrich telemonitoring research, practice, and technology design. <i>Primary Care Respiratory Journal: Journal of the General Practice Airways Group</i> , 2012, 21, 10-11.	2.3	3
77	Applying usability heuristics to radiotherapy systems. <i>Radiotherapy and Oncology</i> , 2012, 102, 142-147.	0.6	38
78	Developing healthcare rule-based expert systems: Case study of a heart failure telemonitoring system. <i>International Journal of Medical Informatics</i> , 2012, 81, 556-565.	3.3	84
79	From Discovery to Design: The Evolution of Human Factors in Healthcare. <i>Healthcare Quarterly</i> , 2012, 15, 24-29.	0.7	101
80	Examining nursing vital signs documentation workflow: barriers and opportunities in general internal medicine units. <i>Journal of Clinical Nursing</i> , 2012, 21, 975-982.	3.0	62
81	Improving Hospital Care and Collaborative Communications for the 21st Century: Key Recommendations for General Internal Medicine. <i>Interactive Journal of Medical Research</i> , 2012, 1, e9.	1.4	17
82	Mobile Phone-Based Telemonitoring for Heart Failure Management: A Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2012, 14, e31.	4.3	261
83	Perceptions and Experiences of Heart Failure Patients and Clinicians on the Use of Mobile Phone-Based Telemonitoring. <i>Journal of Medical Internet Research</i> , 2012, 14, e25.	4.3	119
84	Design of an mHealth App for the Self-management of Adolescent Type 1 Diabetes: A Pilot Study. <i>Journal of Medical Internet Research</i> , 2012, 14, e70.	4.3	554
85	Self-care and Quality of Life of Heart Failure Patients at a Multidisciplinary Heart Function Clinic. <i>Journal of Cardiovascular Nursing</i> , 2011, 26, 377-385.	1.1	69
86	Patient perceptions of remote monitoring for nocturnal home hemodialysis. <i>Hemodialysis International</i> , 2010, 14, 471-477.	0.9	30
87	The impact of traditional and smart pump infusion technology on nurse medication administration performance in a simulated inpatient unit. <i>BMJ Quality and Safety</i> , 2010, 19, 430-434.	3.7	47
88	Effectiveness of asynchronous tele-endoscopy. <i>Gastrointestinal Endoscopy</i> , 2010, 71, 461-467.e2.	1.0	4
89	The use of human factors methods to identify and mitigate safety issues in radiation therapy. <i>Radiotherapy and Oncology</i> , 2010, 97, 596-600.	0.6	40
90	A contact-free respiration monitor for smart bed and ambulatory monitoring applications. , 2010, 2010, 927-30.		16

#	ARTICLE	IF	CITATIONS
91	Attitudes of Heart Failure Patients and Health care Providers towards Mobile Phone-Based Remote Monitoring. <i>Journal of Medical Internet Research</i> , 2010, 12, e55.	4.3	98
92	The hospital at home: advances in remote patient monitoring. <i>Biomedical Instrumentation and Technology</i> , 2010, Suppl Home Healthcare, 47-52.	0.4	4
93	UK and Canadian perspectives of the effectiveness of mobile diabetes management systems. , 2009, 2009, 6584-7.		12
94	Patient-Perceived Barriers to the Adoption of Nocturnal Home Hemodialysis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2009, 4, 784-789.	4.5	104
95	Usability of a Diabetes Telemanagement System. <i>Journal of Clinical Engineering</i> , 2009, 34, 147-151.	0.1	3
96	Patients' experiences with learning a complex medical device for the self-administration of nocturnal home hemodialysis. <i>Nephrology Nursing Journal</i> , 2009, 36, 27-32.	0.2	26
97	The user-centered approach in the development of a complex hospital-at-home intervention. <i>Studies in Health Technology and Informatics</i> , 2009, 143, 328-33.	0.3	14
98	Bridging the Self-care Deficit Gap: Remote Patient Monitoring and the Hospital-at-Home. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2008, , 66-73.	0.3	5
99	Perception of eye contact in video teleconsultation. <i>Journal of Telemedicine and Telecare</i> , 2007, 13, 35-39.	2.7	36
100	Mobile Phone-Based Remote Patient Monitoring System for Management of Hypertension in Diabetic Patients. <i>American Journal of Hypertension</i> , 2007, 20, 942-948.	2.0	211
101	Telemanagement of hypertension: A qualitative assessment of patient and physician preferences. <i>Canadian Journal of Cardiology</i> , 2007, 23, 591-594.	1.7	26
102	Internet use by end-stage renal disease patients. <i>Hemodialysis International</i> , 2007, 11, 328-332.	0.9	15
103	A mobile phone based remote patient monitoring system for chronic disease management. <i>Studies in Health Technology and Informatics</i> , 2007, 129, 167-71.	0.3	8
104	Image Quality Assurance of Soft Copy Display Systems. <i>Journal of Digital Imaging</i> , 2005, 18, 280-286.	2.9	12
105	Digital video for the documentation of colonoscopy. <i>Gastrointestinal Endoscopy</i> , 2004, 60, 580-584.	1.0	5
106	3424 Development of a low-cost picture archive and communication system for endoscopy using the dicom standard.. <i>Gastrointestinal Endoscopy</i> , 2000, 51, AB88.	1.0	0