Ida Sim

List of Publications by Year in descending order

64 papers	2,993 citations	201385 27 h-index	168136 53 g-index
72 all docs	72 docs citations	72 times ranked	3961 citing authors

#	ARTICLE	IF	CITATIONS
1	Open mHealth Architecture: An Engine for Health Care Innovation. Science, 2010, 330, 759-760.	6.0	348
2	Mobile Devices and Health. New England Journal of Medicine, 2019, 381, 956-968.	13.9	344
3	Publication of Clinical Trials Supporting Successful New Drug Applications: A Literature Analysis. PLoS Medicine, 2008, 5, e191.	3.9	176
4	Formal representation of eligibility criteria: A literature review. Journal of Biomedical Informatics, 2010, 43, 451-467.	2.5	156
5	Clinical trial registration: transparency is the watchword. Lancet, The, 2006, 367, 1631-1633.	6.3	151
6	National Center for Biomedical Ontology: Advancing Biomedicine through Structured Organization of Scientific Knowledge. OMICS A Journal of Integrative Biology, 2006, 10, 185-198.	1.0	149
7	A practical method for transforming free-text eligibility criteria into computable criteria. Journal of Biomedical Informatics, 2011, 44, 239-250.	2.5	114
8	Why we need a small data paradigm. BMC Medicine, 2019, 17, 133.	2.3	112
9	Quantitative Overview of Randomized Trials of Amiodarone to Prevent Sudden Cardiac Death. Circulation, 1997, 96, 2823-2829.	1.6	112
10	A Global, Neutral Platform for Sharing Trial Data. New England Journal of Medicine, 2016, 374, 2411-2413.	13.9	99
11	A meta-analysis of randomized trials comparing coronary artery bypass grafting with percutaneous transluminal coronary angioplasty in multivessel coronary artery disease. American Journal of Cardiology, 1995, 76, 1025-1029.	0.7	85
12	Effect of Mobile Deviceâ€"Supported Single-Patient Multi-crossover Trials on Treatment of Chronic Musculoskeletal Pain. JAMA Internal Medicine, 2018, 178, 1368.	2.6	68
13	Antibiotic treatment of acute bronchitis in smokers. Journal of General Internal Medicine, 2002, 17, 230-234.	1.3	61
14	The Ontology of Clinical Research (OCRe): An informatics foundation for the science of clinical research. Journal of Biomedical Informatics, 2014, 52, 78-91.	2.5	54
15	Analysis of eligibility criteria complexity in clinical trials. Summit on Translational Bioinformatics, 2010, 2010, 46-50.	0.7	52
16	Center of excellence for mobile sensor data-to-knowledge (MD2K). Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 1137-1142.	2.2	48
17	Two Ways of Knowing: Big Data and Evidence-Based Medicine. Annals of Internal Medicine, 2016, 164, 562.	2.0	47
18	Electronic Trial Banks: A Complementary Method for Reporting Randomized Trials. Medical Decision Making, 2000, 20, 440-450.	1.2	46

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19	Role of Health Information Technology in Addressing Health Disparities. Medical Care, 2019, 57, S115-S120.	1.1	44
20	The digital biomarker discovery pipeline: An open-source software platform for the development of digital biomarkers using mHealth and wearables data. Journal of Clinical and Translational Science, 2021, 5, e19.	0.3	44
21	An ontology of randomized controlled trials for evidence-based practice: content specification and evaluation using the competency decomposition method. Journal of Biomedical Informatics, 2004, 37, 108-119.	2.5	43
22	Time for NIH to lead on data sharing. Science, 2020, 367, 1308-1309.	6.0	42
23	The PREEMPT study - evaluating smartphone-assisted n-of-1 trials in patients with chronic pain: study protocol for a randomized controlled trial. Trials, 2015, 16, 67.	0.7	39
24	Beyond Trial Registration: A Global Trial Bank for Clinical Trial Reporting. PLoS Medicine, 2005, 2, e365.	3.9	37
25	Ethical Framework for Assessing Manual and Digital Contact Tracing for COVID-19. Annals of Internal Medicine, 2021, 174, 395-400.	2.0	37
26	Academic Medical Centers as digital health catalysts. Healthcare, 2014, 2, 173-176.	0.6	35
27	Individualized Studies of Triggers of Paroxysmal Atrial Fibrillation. JAMA Cardiology, 2022, 7, 167.	3.0	34
28	Evidence-based practice for mere mortals. Journal of General Internal Medicine, 2002, 17, 302-308.	1.3	30
29	A randomized trial provided new evidence on the accuracy and efficiency of traditional vs. electronically annotated abstraction approaches in systematic reviews. Journal of Clinical Epidemiology, 2019, 115, 77-89.	2.4	26
30	Patient Perceptions of Their Own Data in mHealth Technologyâ€"Enabled N-of-1 Trials for Chronic Pain: Qualitative Study. JMIR MHealth and UHealth, 2018, 6, e10291.	1.8	25
31	Informatics: Make sense of health data. Nature, 2015, 527, 31-32.	13.7	22
32	Multivariate analysis of the population representativeness of related clinical studies. Journal of Biomedical Informatics, 2016, 60, 66-76.	2.5	21
33	The Primary Care Research Object Model (PCROM): A Computable Information Model for Practice-based Primary Care Research. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 661-670.	2.2	19
34	Patient-centered care, collaboration, communication, and coordination: a report from AMIA's 2013 Policy Meeting. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, e2-e6.	2.2	19
35	Center of Excellence for Mobile Sensor Data-to-Knowledge (MD2K). IEEE Pervasive Computing, 2017, 16, 18-22.	1.1	19
36	Chia, a large annotated corpus of clinical trial eligibility criteria. Scientific Data, 2020, 7, 281.	2.4	19

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37	The human studies database project: federating human studies design data using the ontology of clinical research. Summit on Translational Bioinformatics, 2010, 2010, 51-5.	0.7	18
38	Visual aggregate analysis of eligibility features of clinical trials. Journal of Biomedical Informatics, 2015, 54, 241-255.	2.5	17
39	Mobile Health: making the leap to research and clinics. Npj Digital Medicine, 2021, 4, 83.	5.7	17
40	EliXR-TIME: A Temporal Knowledge Representation for Clinical Research Eligibility Criteria. AMIA Summits on Translational Science Proceedings, 2012, 2012, 71-80.	0.4	17
41	A method for analyzing commonalities in clinical trial target populations. AMIA ... Annual Symposium proceedings, 2014, 2014, 1777-86.	0.2	16
42	Effect of Mobile Device-Assisted N-of-1 Trial Participation on Analgesic Prescribing for Chronic Pain: Randomized Controlled Trial. Journal of General Internal Medicine, 2020, 35, 102-111.	1.3	15
43	Biosocial Pathogenesis. Psychotherapy and Psychosomatics, 2022, 91, 73-77.	4.0	15
44	The Global academic research organization network: Data sharing to cure diseases and enable learning health systems. Learning Health Systems, 2019, 3, e10073.	1.1	11
45	Trial Registration for Public Trust: Making the Case for Medical Devices. Journal of General Internal Medicine, 2008, 23, 64-68.	1.3	10
46	A New Framework for Describing and Quantifying the Gap Between Proof and Practice. Medical Care, 2003, 41, 874-881.	1.1	9
47	Timely access to trial data in the context of a pandemic: the time is now. BMJ Open, 2020, 10, e039326.	0.8	9
48	A Case for n-of-1 Trials—Reply. JAMA Internal Medicine, 2019, 179, 453.	2.6	7
49	Digital Medicine Community Perspectives and Challenges: Survey Study. JMIR MHealth and UHealth, 2021, 9, e24570.	1.8	7
50	Long COVID and Medicine's Two Cultures. American Journal of Medicine, 2022, 135, 945-949.	0.6	7
51	Feasibility, Acceptability, and Influence of mHealth-Supported N-of-1 Trials for Enhanced Cognitive and Emotional Well-Being in US Volunteers. Frontiers in Public Health, 2020, 8, 260.	1.3	6
52	Biosocial medicine: Biology, biography, and the tailored care of the patient. SSM - Population Health, 2021, 15, 100863.	1.3	6
53	Keeping Raw Data in Context. Science, 2009, 323, 713-713.	6.0	4
54	PERSONAL: Feasibility Study Protocol for Placebo-Controlled, Randomized n-of-1 Trials of Tamsulosin for Lower Urinary Tract Symptoms. Frontiers in Digital Health, 2020, 2, 7.	1.5	4

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55	Ontology mapping and data discovery for the translational investigator. Summit on Translational Bioinformatics, 2010, 2010, 66-70.	0.7	4
56	Finding Benefit in n-of-1 Trials—Reply. JAMA Internal Medicine, 2019, 179, 455.	2.6	3
57	Rethinking Table 1. Journal of Clinical Epidemiology, 2021, , .	2.4	3
58	Data Sharing Goals for Nonprofit Funders of Clinical Trials. Journal of Participatory Medicine, 2021, 13, e23011.	0.7	2
59	Standardized Integration of Person-Generated Data Into Routine Clinical Care. JMIR MHealth and UHealth, 2022, 10, e31048.	1.8	2
60	Trial bank publishing: phase I results. Studies in Health Technology and Informatics, 2004, 107, 1476-80.	0.2	2
61	Towards Constructing a New Taxonomy for Psychiatry Using Self-reported Symptoms. Studies in Health Technology and Informatics, 2015, 216, 736-40.	0.2	2
62	Perceptions of Older Men Using a Mobile Health App to Monitor Lower Urinary Tract Symptoms and Tamsulosin Side Effects: Mixed Methods Study. JMIR Human Factors, 2021, 8, e30767.	1.0	1
63	Chronic pain treatment preferences change following participation in N-of-1 trials, but not always in the expected direction. Journal of Clinical Epidemiology, 2021, 139, 167-176.	2.4	1
64	Tracking Lower Urinary Tract Symptoms and Tamsulosin Side Effects Among Older Men Using a Mobile App (PERSONAL): Feasibility and Usability Study. JMIR Formative Research, 2021, 5, e30762.	0.7	1