

# Joseph Finkelstein

## List of Publications by Year in descending order

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Version: 2024-02-01

131  
papers

3,305  
citations

185998

28  
h-index

168136

53  
g-index

135  
all docs

135  
docs citations

135  
times ranked

5058  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Use and Interpretation of Quasi-Experimental Studies in Medical Informatics. Journal of the American Medical Informatics Association: JAMIA, 2006, 13, 16-23.	2.2	608
2	Chronic obstructive pulmonary disease as an independent risk factor for cardiovascular morbidity. International Journal of COPD, 2009, 4, 337.	0.9	195
3	Internet-Based Home Asthma Telemonitoring. Chest, 2000, 117, 148-155.	0.4	187
4	Clinical Characterization and Prediction of Clinical Severity of SARS-CoV-2 Infection Among US Adults Using Data From the US National COVID Cohort Collaborative. JAMA Network Open, 2021, 4, e2116901.	2.8	179
5	Machine Learning to Predict Mortality and Critical Events in a Cohort of Patients With COVID-19 in New York City: Model Development and Validation. Journal of Medical Internet Research, 2020, 22, e24018.	2.1	174
6	Machine learning approaches to personalize early prediction of asthma exacerbations. Annals of the New York Academy of Sciences, 2017, 1387, 153-165.	1.8	138
7	Randomized, controlled trial of home telemanagement in patients with ulcerative colitis (UC HAT)*. Inflammatory Bowel Diseases, 2012, 18, 1018-1025.	0.9	134
8	Peri-implantitis prevalence, incidence rate, and risk factors: A study of electronic health records at a U.S. dental school. Clinical Oral Implants Research, 2019, 30, 306-314.	1.9	124
9	Introducing Contactless Blood Pressure Assessment Using a High Speed Video Camera. Journal of Medical Systems, 2016, 40, 77.	2.2	112
10	Feasibility and Acceptance of a Home Telemanagement System in Patients with Inflammatory Bowel Disease: A 6-Month Pilot Study. Digestive Diseases and Sciences, 2007, 52, 357-364.	1.1	84
11	Randomized study of different anti-stigma media. Patient Education and Counseling, 2008, 71, 204-214.	1.0	79
12	Association of Physical Activity and Renal Function in Subjects With and Without Metabolic Syndrome: A Review of the Third National Health and Nutrition Examination Survey (NHANES III). American Journal of Kidney Diseases, 2006, 48, 372-382.	2.1	76
13	Acceptance of Telemanagement is High in Patients With Inflammatory Bowel Disease. Journal of Clinical Gastroenterology, 2006, 40, 200-208.	1.1	68
14	Reducing depression stigma using a web-based program. International Journal of Medical Informatics, 2007, 76, 726-734.	1.6	61
15	Testing the Usability of Two Automated Home-Based Patient-Management Systems. Journal of Medical Systems, 2004, 28, 143-153.	2.2	53
16	Patient Subjective Assessment of Drug Side Effects in Inflammatory Bowel Disease. Journal of Clinical Gastroenterology, 2008, 42, 244-251.	1.1	52
17	Consumer health informatics: results of a systematic evidence review and evidence based recommendations. Translational Behavioral Medicine, 2011, 1, 72-82.	1.2	51
18	Digital Divide: Variation in Internet and Cellular Phone Use among Women Attending an Urban Sexually Transmitted Infections Clinic. Journal of Urban Health, 2010, 87, 122-128.	1.8	50

#	ARTICLE	IF	CITATIONS
19	Retrospective cohort study of clinical characteristics of 2199 hospitalised patients with COVID-19 in New York City. <i>BMJ Open</i> , 2020, 10, e040736.	0.8	50
20	Potential Role of Telecommunication Technologies in the Management of Chronic Health Conditions. <i>Disease Management and Health Outcomes</i> , 2000, 8, 57-63.	0.3	47
21	Home Telemanagement for Patients with Ulcerative Colitis (UC HAT). <i>Digestive Diseases and Sciences</i> , 2009, 54, 2463-2472.	1.1	44
22	&lt;p&gt;Inconsistency in race and ethnic classification in pharmacogenetics studies and its potential clinical implications&lt;/p&gt;. <i>Pharmacogenomics and Personalized Medicine</i> , 2019, Volume 12, 107-123.	0.4	44
23	Use of provider-level dashboards and pay-for-performance in venous thromboembolism prophylaxis. <i>Journal of Hospital Medicine</i> , 2015, 10, 172-178.	0.7	37
24	Patient-Centered Medical Home Cyberinfrastructure. <i>American Journal of Preventive Medicine</i> , 2011, 40, S225-S233.	1.6	36
25	Enabling patient-centered care through health information technology. <i>Evidence Report/technology Assessment</i> , 2012, , 1-1531.	1.3	35
26	Hypertension Telemanagement in Blacks. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2009, 2, 272-278.	0.9	33
27	Using a Mobile App to Promote Smoking Cessation in Hospitalized Patients. <i>JMIR MHealth and UHealth</i> , 2016, 4, e59.	1.8	33
28	Potential utility of precision medicine for older adults with polypharmacy: a case series study. <i>Pharmacogenomics and Personalized Medicine</i> , 2016, 9, 31.	0.4	29
29	Consumer sleep tracking devices: a critical review. <i>Studies in Health Technology and Informatics</i> , 2015, 210, 458-60.	0.2	29
30	Impact of physical telerehabilitation on functional outcomes in seniors with mobility limitations. , 2012, 2012, 5827-32.		26
31	Challenges in the design of a Home Telemanagement Trial for patients with ulcerative colitis. <i>Clinical Trials</i> , 2009, 6, 649-657.	0.7	23
32	Incidence and Determinants of Dental Implant Failure: A Review of Electronic Health Records in a U.S. Dental School. <i>Journal of Dental Education</i> , 2017, 81, 1233-1242.	0.7	23
33	Implementing home telemanagement of congestive heart failure using Xbox gaming platform. , 2011, 2011, 3158-63.		21
34	Pharmacogenetic polymorphism as an independent risk factor for frequent hospitalizations in older adults with polypharmacy: a pilot study. <i>Pharmacogenomics and Personalized Medicine</i> , 2016, Volume 9, 107-116.	0.4	21
35	Increasing Use of Cardiac and Pulmonary Rehabilitation in Traditional and Community Settings. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2020, 40, 350-355.	1.2	19
36	Monitoring medication adherence in multiple sclerosis using a novel web-based tool: A pilot study. <i>Journal of Telemedicine and Telecare</i> , 2016, 22, 225-233.	1.4	17

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37	Using big data to promote precision oral health in the context of a learning healthcare system. Journal of Public Health Dentistry, 2020, 80, S43-S58.	0.5	17
38	Feasibility of Promoting Smoking Cessation Among Methadone Users Using Multimedia Computer-Assisted Education. Journal of Medical Internet Research, 2008, 10, e33.	2.1	16
39	Activity trackers: a critical review. Studies in Health Technology and Informatics, 2014, 205, 558-62.	0.2	12
40	A Method for Attributing Patientâ€Level Metrics to Rotating Providers in an Inpatient Setting. Journal of Hospital Medicine, 2018, 13, 470-475.	0.7	11
41	Unsupervised Machine Learning for the Discovery of Latent Clusters in COVID-19 Patients Using Electronic Health Records. Studies in Health Technology and Informatics, 2020, 272, 1-4.	0.2	11
42	Mobile App to Reduce Inactivity in Sedentary Overweight Women. Studies in Health Technology and Informatics, 2015, 216, 89-92.	0.2	11
43	Exploring three perspectives on feasibility of a patient portal for older adults. Studies in Health Technology and Informatics, 2014, 202, 181-4.	0.2	10
44	Consumer Health Information Technology in the Prevention of Substance Abuse: Scoping Review. Journal of Medical Internet Research, 2019, 21, e11297.	2.1	9
45	Completeness of Electronic Dental Records in a Student Clinic: Retrospective Analysis. JMIR Medical Informatics, 2019, 7, e13008.	1.3	8
46	Introducing a Blackberry eLearning Platform for Interactive Hypertension Education. , 2010, , .		7
47	Interactive mobile system for smoking cessation. , 2013, 2013, 1169-72.		7
48	Usability of Remote Assessment of Exercise Capacity for Pulmonary Telerehabilitation Program. Studies in Health Technology and Informatics, 2020, 275, 72-76.	0.2	7
49	Defining patient-centered characteristics of a telerehabilitation system for patients with COPD. Studies in Health Technology and Informatics, 2013, 190, 24-6.	0.2	7
50	Introducing Home Blood Pressure Telemonitoring for Children with Hypertension. Studies in Health Technology and Informatics, 2015, 216, 889.	0.2	7
51	Factors Affecting Adherence with Telerehabilitation in Patients with Multiple Sclerosis. Studies in Health Technology and Informatics, 2019, 257, 189-193.	0.2	7
52	&lt;p&gt;The relationship between single nucleotide polymorphisms and dental implant loss: a scoping review&lt;/p&gt;. Clinical, Cosmetic and Investigational Dentistry, 2019, Volume 11, 131-141.	0.7	6
53	Towards a Highly Usable, Mobile Electronic Platform for Patient Recruitment and Consent Management. Studies in Health Technology and Informatics, 2020, 270, 1066-1070.	0.2	6
54	&lt;p&gt;Informatics Approaches for Harmonized Intelligent Integration of Stem Cell Research&lt;/p&gt;. Stem Cells and Cloning: Advances and Applications, 2020, Volume 13, 1-20.	2.3	5

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55	Automated Identification of Common Disease-Specific Outcomes for Comparative Effectiveness Research Using ClinicalTrials.gov: Algorithm Development and Validation Study. JMIR Medical Informatics, 2021, 9, e18298.	1.3	5
56	Impact of COVID-19 Pandemic on Use of Telemedicine Services in an Academic Medical Center. Studies in Health Technology and Informatics, 2021, 281, 407-411.	0.2	5
57	Exploring feasibility of home telemanagement in African Americans with congestive heart failure. Studies in Health Technology and Informatics, 2010, 160, 535-9.	0.2	5
58	Avatar-based interactive ileostomy education in hospitalized patients. Studies in Health Technology and Informatics, 2013, 190, 83-5.	0.2	5
59	Physical Telerehabilitation Improves Quality of Life in Patients with Multiple Sclerosis. Studies in Health Technology and Informatics, 2021, 284, 384-388.	0.2	5
60	Relationship Between Exercise Duration in Multimodal Telerehabilitation and Quality of Sleep in Patients with Multiple Sclerosis. Studies in Health Technology and Informatics, 2020, 270, 658-662.	0.2	5
61	Information technology for continuous patient health education. , 2011, , .		4
62	ReMeDy: a platform for integrating and sharing published stem cell research data with a focus on iPSC trials. Database: the Journal of Biological Databases and Curation, 2021, 2021, .	1.4	4
63	Towards Contactless Monitoring of Blood Pressure at Rest and During Exercise Using Infrared Imaging. , 2020, , .		4
64	Machine Learning to Identify Behavioral Determinants of Oral Health in Inner City Older Hispanic Adults. Studies in Health Technology and Informatics, 2018, 251, 253-256.	0.2	4
65	Acceptance of home telemanagement is high in patients with multiple sclerosis. AMIA ... Annual Symposium proceedings, 2007, , 893.	0.2	4
66	Using machine learning to predict asthma exacerbations. AMIA ... Annual Symposium proceedings, 2007, , 955.	0.2	4
67	Feasibility of providing personalized health information to older adults and their caregivers. , 2013, , .		3
68	A Comprehensive Informatics Framework to Increase Breast Cancer Risk Assessment and Chemoprevention in the Primary Care Setting. , 2016, , .		3
69	Computer delivered intervention for alcohol and sexual risk reduction among women attending an urban sexually transmitted infection clinic: A randomized controlled trial. Addictive Behaviors Reports, 2021, 14, 100367.	1.0	3
70	Disparities in Racial and Ethnic Representation in Stem Cell Clinical Trials. Studies in Health Technology and Informatics, 2020, 272, 358-361.	0.2	3
71	Comparison of long-term results of computer-assisted anti-stigma education and reading anti-stigma educational materials. AMIA ... Annual Symposium proceedings, 2007, , 245-8.	0.2	3
72	Analysis of Maryland poisoning deaths using classification and regression tree (CART) analysis. AMIA ... Annual Symposium proceedings, 2008, , 550-4.	0.2	3

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73	Pharmacogenomic Approaches for Automated Medication Risk Assessment in People with Polypharmacy. AMIA Summits on Translational Science Proceedings, 2018, 2017, 142-151.	0.4	3
74	Applying Deep Learning to Understand Predictors of Tooth Mobility Among Urban Latinos. Studies in Health Technology and Informatics, 2018, 251, 241-244.	0.2	3
75	Latent COVID-19 Clusters in Patients with Chronic Respiratory Conditions. Studies in Health Technology and Informatics, 2020, 275, 32-36.	0.2	3
76	Usability Inspection of Multipurpose Scalable Informed Consent Platform. Studies in Health Technology and Informatics, 2019, 262, 198-201.	0.2	3
77	Mining Electronic Dental Records to Identify Dry Socket Risk Factors. Studies in Health Technology and Informatics, 2019, 262, 328-331.	0.2	3
78	Towards Intelligent Integration and Sharing of Stem Cell Research Data. Studies in Health Technology and Informatics, 2020, 272, 334-337.	0.2	3
79	Using EHR Data to Identify Social Determinants of Health Affecting Disparities in Cancer Survival. Studies in Health Technology and Informatics, 2022, , .	0.2	3
80	Assessing Disparities in COVID-19 Testing Using National COVID Cohort Collaborative. Studies in Health Technology and Informatics, 2022, , .	0.2	3
81	Feasibility of computer-assisted diabetes education in hispanic seniors. , 2012, , .		2
82	Cognitive evaluation of a mobile HIV telemanagement system utilizing multiple health communication channels. , 2013, , .		2
83	Design and implementation of Home Automated Telemanagement platform for interactive biking exercise (iBikE HAT). , 2013, , .		2
84	Data mining approaches to identify predictors of frequent malpractice claims against dentists. , 2017, , .		2
85	Introducing a Platform for Integrating and Sharing Stem Cell Research Data. Studies in Health Technology and Informatics, 2021, 281, 387-391.	0.2	2
86	Entity Extraction for Clinical Notes, a Comparison Between MetaMap and Amazon Comprehend Medical. Studies in Health Technology and Informatics, 2021, 281, 258-262.	0.2	2
87	Identification of Liver Cancer Stem Cell Stemness Markers Using a Comparative Analysis of Public Data Sets. Stem Cells and Cloning: Advances and Applications, 2021, Volume 14, 9-17.	2.3	2
88	Association Between Number of Actionable Pharmacogenetic Variants and Length of Hospital Stay. Studies in Health Technology and Informatics, 2020, 272, 195-198.	0.2	2
89	Association Between System Usage Pattern and Impact of Web-Based Telerehabilitation in Patients with Multiple Sclerosis. Studies in Health Technology and Informatics, 2020, 272, 346-349.	0.2	2
90	Feasibility of computer-assisted Tai Chi education. AMIA ... Annual Symposium proceedings, 2005, , 1027.	0.2	2

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91	Depression education for primary care patients using a web-based program. AMIA ... Annual Symposium proceedings, 2005, , 1017.	0.2	2
92	Usability Inspection of a Mobile Cancer Telerehabilitation System. Studies in Health Technology and Informatics, 2022, 289, 405-409.	0.2	2
93	Use of Artificial Intelligence for Predicting COVID-19 Outcomes: A Scoping Review. Studies in Health Technology and Informatics, 2022, 289, 317-320.	0.2	2
94	A critical review of consumer health devices for stress self-management. Studies in Health Technology and Informatics, 2014, 202, 221-4.	0.2	2
95	A Platform for Integrating and Sharing Cancer Stem Cell Data. , 2021, 2021, 2320-2325.		2
96	Characteristics of Electronic Informed Consent Platforms for Consenting Patients to Research Studies: A Scoping Review. Studies in Health Technology and Informatics, 2022, , .	0.2	2
97	Exploring Determinants of Longevity of Biomedical Databases. Studies in Health Technology and Informatics, 2022, , .	0.2	2
98	Implant Failure Prediction Using Discriminant Analysis. , 2019, 2019, 3433-3437.		1
99	Comparative Analysis of Public Data Sets to Identify Stemness Markers That Differentiate Liver Cancer Stem Cells. Studies in Health Technology and Informatics, 2021, 281, 818-819.	0.2	1
100	Implementing decision support for breast cancer chemoprevention in primary care.. Journal of Clinical Oncology, 2017, 35, e13038-e13038.	0.8	1
101	Using Big Data to Predict Outcomes of Opioid Treatment Programs. Studies in Health Technology and Informatics, 2020, 272, 366-369.	0.2	1
102	Machine Learning Approaches for Early Prostate Cancer Prediction Based on Healthcare Utilization Patterns. Studies in Health Technology and Informatics, 2022, 289, 65-68.	0.2	1
103	Utilizing Shared Big Data to Identify Liver Cancer Dedifferentiation Markers. Studies in Health Technology and Informatics, 2022, 289, 73-76.	0.2	1
104	Interactive asthma learning system utilizing a mobile phone platform. AMIA ... Annual Symposium proceedings, 2008, , 1181.	0.2	1
105	Determinants of health behavior choices in patients using computer-mediated decision aid. Studies in Health Technology and Informatics, 2015, 208, 226-31.	0.2	1
106	Evaluation of a portable stress management device. Studies in Health Technology and Informatics, 2015, 208, 248-52.	0.2	1
107	Using Big Data to Uncover Patient Determinants of Care Utilization Compliance in a Student Dental Clinic. Studies in Health Technology and Informatics, 2019, 262, 324-327.	0.2	1
108	Using Big Data Analytics to Identify Dentists with Frequent Future Malpractice Claims. Studies in Health Technology and Informatics, 2020, 270, 489-493.	0.2	1

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109	Fitbit Accuracy Depends on Activity Pace and Placement Location. <i>Studies in Health Technology and Informatics</i> , 2020, 272, 310-313.	0.2	1
110	Introducing an Ontology-Driven Pipeline for the Identification of Common Data Elements. <i>Studies in Health Technology and Informatics</i> , 2020, 272, 379-382.	0.2	1
111	Using Big Data to Identify Impact of Asthma on Mortality in Patients with COVID-19. <i>Studies in Health Technology and Informatics</i> , 2022, , .	0.2	1
112	Identifying Determinants of Disparities in Lung Cancer Survival Rates from Electronic Health Record Data. <i>Studies in Health Technology and Informatics</i> , 2022, , .	0.2	1
113	Telerehabilitation for Patients with Cancer: A Scoping Review. <i>Studies in Health Technology and Informatics</i> , 2022, , .	0.2	1
114	Comparative Assessment of Completeness of CDISC Controlled Terminology. <i>Studies in Health Technology and Informatics</i> , 2022, , .	0.2	1
115	Prostate cancer prediction using classification algorithms.. <i>Journal of Clinical Oncology</i> , 2022, 40, e13590-e13590.	0.8	1
116	Using Machine Learning to Identify No-Show Telemedicine Encounters in a New York City Hospital. <i>Studies in Health Technology and Informatics</i> , 2022, , .	0.2	1
117	Patient empowerment in online support group for temporomandibular disorder. , 2017, , .		0
118	Identifying Core Outcome Sets in COVID-19 Clinical Trials Using ClinicalTrials.gov. <i>Studies in Health Technology and Informatics</i> , 2021, 281, 514-515.	0.2	0
119	Utilizing User-Centered EHR Design for Systematic Deep Brain Stimulation Data Collection. <i>AMIA Summits on Translational Science Proceedings</i> , 2020, 2020, 527-532.	0.4	0
120	Intelligent Integrative Platform for Sharing Heterogeneous Stem Cell Research Data. <i>Studies in Health Technology and Informatics</i> , 2021, 287, 109-113.	0.2	0
121	Latent COVID-19 Clusters in Patients with Opioid Misuse. <i>Studies in Health Technology and Informatics</i> , 2022, 289, 123-127.	0.2	0
122	Unanticipated consequences of hospital-based insulin management order sets. <i>Studies in Health Technology and Informatics</i> , 2015, 216, 939.	0.2	0
123	Comparative Analysis of Patient Distress in Opioid Treatment Programs using Natural Language Processing. , 2022, 2022, 319-326.		0
124	Automated Generation of Core Outcome Measures for Clinical Trials. <i>Studies in Health Technology and Informatics</i> , 2021, 284, 505-509.	0.2	0
125	Cognitive Testing of an Electronic Consent Platform: Researcher Perspectives. <i>Studies in Health Technology and Informatics</i> , 2021, 284, 457-462.	0.2	0
126	Actionable Data from Iterative Cognitive Walkthroughs: Creating the Research Roadmap Website as an Interactive Guide to Facilitate Research. <i>Studies in Health Technology and Informatics</i> , 2019, 262, 296-299.	0.2	0

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127	Data Integration Approaches for Representing Stem Cell Studies. Studies in Health Technology and Informatics, 2020, 270, 1235-1236.	0.2	0
128	From Many to One: Designing a Unified Flowsheet in the EMR to Replace Multiple Disparate Devices. Studies in Health Technology and Informatics, 2020, 272, 407-410.	0.2	0
129	NLP-Assisted Pipeline for COVID-19 Core Outcome Set Identification Using ClinicalTrials.gov. Studies in Health Technology and Informatics, 2022, , .	0.2	0
130	Effect of Hydroxychloroquine on Influenza Prevention. Studies in Health Technology and Informatics, 2022, , .	0.2	0
131	Using EHR data to compare survival disparities in major cancer types.. Journal of Clinical Oncology, 2022, 40, e18517-e18517.	0.8	0