

Jiang Bian

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3467287/publications.pdf>

Version: 2024-02-01

184
papers

3,892
citations

182225

30
h-index

223390

49
g-index

218
all docs

218
docs citations

218
times ranked

5039
citing authors

#	ARTICLE	IF	CITATIONS
1	Methodological challenges in spatial and contextual exposome-health studies. <i>Critical Reviews in Environmental Science and Technology</i> , 2023, 53, 827-846.	6.6	7
2	The OneFlorida Data Trust: a centralized, translational research data infrastructure of statewide scope. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 686-693.	2.2	24
3	Environmental effects on acute exacerbations of respiratory diseases: A real-world big data study. <i>Science of the Total Environment</i> , 2022, 806, 150352.	3.9	4
4	Procedural complications associated with invasive diagnostic procedures after lung cancer screening with low-dose computed tomography. <i>Lung Cancer</i> , 2022, 165, 141-144.	0.9	3
5	Conducting a representative national randomized control trial of tailored clinical decision support for nurses remotely: Methods and implications. <i>Contemporary Clinical Trials</i> , 2022, , 106712.	0.8	3
6	Assessing the Documentation of Social Determinants of Health for Lung Cancer Patients in Clinical Narratives. <i>Frontiers in Public Health</i> , 2022, 10, 778463.	1.3	9
7	Prevalence of Alzheimer's and Related Dementia Diseases and Risk Factors Among Transgender Adults, Florida, 2012-2020. <i>American Journal of Public Health</i> , 2022, 112, 754-757.	1.5	11
8	DLMM as a lossless one-shot algorithm for collaborative multi-site distributed linear mixed models. <i>Nature Communications</i> , 2022, 13, 1678.	5.8	9
9	Polygenic risk of Alzheimer's disease in the Faroe Islands. <i>European Journal of Neurology</i> , 2022, , .	1.7	1
10	Associations of Computed Tomography Image-Assessed Adiposity and Skeletal Muscles with Triple-Negative Breast Cancer. <i>Cancers</i> , 2022, 14, 1846.	1.7	1
11	Syndromic Surveillance Systems for Mass Gatherings: A Scoping Review. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4673.	1.2	7
12	ODACH: a one-shot distributed algorithm for Cox model with heterogeneous multi-center data. <i>Scientific Reports</i> , 2022, 12, 6627.	1.6	9
13	Biases in using social media data for public health surveillance: A scoping review. <i>International Journal of Medical Informatics</i> , 2022, 164, 104804.	1.6	9
14	Newer glucose-lowering drugs and risk of dementia: A meta-analysis of cardiovascular outcome trials. <i>Journal of the American Geriatrics Society</i> , 2022, 70, 2719-2722.	1.3	4
15	Editorial: Measuring and Analysing Social Determinants of Health in the Era of Big Data. <i>Frontiers in Public Health</i> , 2022, 10, .	1.3	1
16	Assessing putative bias in prediction of anti-microbial resistance from real-world genotyping data under explicit causal assumptions. <i>Artificial Intelligence in Medicine</i> , 2022, , 102326.	3.8	0
17	Protocol for the development of a reporting guideline for causal and counterfactual prediction models in biomedicine. <i>BMJ Open</i> , 2022, 12, e059715.	0.8	1
18	Personalised Lung Cancer Screening (PLuS) study to assess the importance of coexisting chronic conditions to clinical practice and policy: protocol for a multicentre observational study. <i>BMJ Open</i> , 2022, 12, e064142.	0.8	3

#	ARTICLE	IF	CITATIONS
19	Multisite learning of high-dimensional heterogeneous data with applications to opioid use disorder study of 15,000 patients across 5 clinical sites. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
20	Simulating Colorectal Cancer Trials Using Real-World Data. <i>JCO Clinical Cancer Informatics</i> , 2022, , .	1.0	0
21	A scoping review of semantic integration of health data and information. <i>International Journal of Medical Informatics</i> , 2022, 165, 104834.	1.6	2
22	Geographic variation in palliative care delivery among patients diagnosed with metastatic lung cancer in the USA: Medicare population-based study. <i>Supportive Care in Cancer</i> , 2021, 29, 813-821.	1.0	5
23	Real-world experience of carfilzomib-associated cardiovascular adverse events: SEER-Medicare data set analysis. <i>Cancer Medicine</i> , 2021, 10, 70-78.	1.3	26
24	Geographic Variation in Knowledge of Palliative Care Among US Adults: Findings From 2018 Health Information National Trends Survey. <i>American Journal of Hospice and Palliative Medicine</i> , 2021, 38, 291-299.	0.8	6
25	Federated Learning for Healthcare Informatics. <i>Journal of Healthcare Informatics Research</i> , 2021, 5, 1-19.	5.3	499
26	Associations between the chemical composition of PM2.5 and gestational diabetes mellitus. <i>Environmental Research</i> , 2021, 198, 110470.	3.7	27
27	A feasibility trial of parent HPV vaccine reminders and phone-based motivational interviewing. <i>BMC Public Health</i> , 2021, 21, 109.	1.2	6
28	Extracting social determinants of health from electronic health records using natural language processing: a systematic review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 2716-2727.	2.2	84
29	Deep propensity network using a sparse autoencoder for estimation of treatment effects. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 1197-1206.	2.2	7
30	Bagged random causal networks for interventional queries on observational biomedical datasets. <i>Journal of Biomedical Informatics</i> , 2021, 115, 103689.	2.5	2
31	Oral cancer knowledge and screening behavior among smokers and non-smokers in rural communities. <i>BMC Cancer</i> , 2021, 21, 430.	1.1	5
32	How the clinical research community responded to the COVID-19 pandemic: an analysis of the COVID-19 clinical studies in <i>ClinicalTrials.gov</i> . <i>JAMIA Open</i> , 2021, 4, ooab032.	1.0	6
33	An external exposome-wide association study of COVID-19 mortality in the United States. <i>Science of the Total Environment</i> , 2021, 768, 144832.	3.9	21
34	Applications of artificial intelligence in drug development using real-world data. <i>Drug Discovery Today</i> , 2021, 26, 1256-1264.	3.2	36
35	The association between cognitive impairment and breast and colorectal cancer screening utilization. <i>BMC Cancer</i> , 2021, 21, 539.	1.1	7
36	Exploring the feasibility of using real-world data from a large clinical data research network to simulate clinical trials of Alzheimer's disease. <i>Npj Digital Medicine</i> , 2021, 4, 84.	5.7	18

#	ARTICLE	IF	CITATIONS
37	Semantic standards of external exposome data. <i>Environmental Research</i> , 2021, 197, 111185.	3.7	12
38	The application of artificial intelligence and data integration in COVID-19 studies: a scoping review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 2050-2067.	2.2	24
39	The role of sex and rurality in cancer fatalistic beliefs and cancer screening utilization in Florida. <i>Cancer Medicine</i> , 2021, 10, 6048-6057.	1.3	5
40	Propensity score synthetic augmentation matching using generative adversarial networks (PSSAM-GAN). <i>Computer Methods and Programs in Biomedicine Update</i> , 2021, 1, 100020.	2.3	8
41	Comparing the downstream costs and healthcare utilization associated with the use of low-dose computed tomography (LDCT) in lung cancer screening in patients with and without alzheimer's disease and related dementias (ADRD). <i>Current Medical Research and Opinion</i> , 2021, 37, 1731-1737.	0.9	1
42	Evaluation of clustering and topic modeling methods over health-related tweets and emails. <i>Artificial Intelligence in Medicine</i> , 2021, 117, 102096.	3.8	21
43	Explaining Algorithmic Fairness Through Fairness-Aware Causal Path Decomposition. , 2021, , .		10
44	Transformer-based named entity recognition for parsing clinical trial eligibility criteria. , 2021, 2021, .		8
45	Effects of brief exposure to misinformation about e-cigarette harms on twitter: a randomised controlled experiment. <i>BMJ Open</i> , 2021, 11, e045445.	0.8	15
46	Racial, Ethnic, and Geographic Disparities in Cardiovascular Health Among Women of Childbearing Age in the United States. <i>Journal of the American Heart Association</i> , 2021, 10, e020138.	1.6	14
47	Challenges in replicating secondary analysis of electronic health records data with multiple computable phenotypes: A case study on methicillin-resistant <i>Staphylococcus aureus</i> bacteremia infections. <i>International Journal of Medical Informatics</i> , 2021, 153, 104531.	1.6	1
48	Optimizing Identification of People Living with HIV from Electronic Medical Records: Computable Phenotype Development and Validation. <i>Methods of Information in Medicine</i> , 2021, 60, 084-094.	0.7	2
49	When text simplification is not enough: could a graph-based visualization facilitate consumers's comprehension of dietary supplement information?. <i>JAMIA Open</i> , 2021, 4, ooab026.	1.0	4
50	Causal AI with Real World Data: Do Statins Protect from Alzheimer's Disease Onset?. , 2021, , .		1
51	Deep learning models in detection of dietary supplement adverse event signals from Twitter. <i>JAMIA Open</i> , 2021, 4, ooab081.	1.0	7
52	An efficient and accurate distributed learning algorithm for modeling multi-site zero-inflated count outcomes. <i>Scientific Reports</i> , 2021, 11, 19647.	1.6	9
53	Assessing the Impact of Imputation on the Interpretations of Prediction Models: A Case Study on Mortality Prediction for Patients with Acute Myocardial Infarction. <i>AMIA Summits on Translational Science Proceedings</i> , 2021, 2021, 465-474.	0.4	0
54	Emotional Responses and Perceived Relative Harm Mediate the Effect of Exposure to Misinformation about E-Cigarettes on Twitter and Intention to Purchase E-Cigarettes among Adult Smokers. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12347.	1.2	4

#	ARTICLE	IF	CITATIONS
55	Sequencing of Argonaute-bound microRNA/mRNA hybrids reveals regulation of the unfolded protein response by microRNA-320a. <i>PLoS Genetics</i> , 2021, 17, e1009934.	1.5	9
56	Smokersâ€™ Likelihood to Engage With Information and Misinformation on Twitter About the Relative Harms of e-Cigarette Use: Results From a Randomized Controlled Trial. <i>JMIR Public Health and Surveillance</i> , 2021, 7, e27183.	1.2	6
57	Data and Model Biases in Social Media Analyses: A Case Study of COVID-19 Tweets.. <i>AMIA ... Annual Symposium proceedings</i> , 2021, 2021, 1264-1273.	0.2	0
58	A Study of Social and Behavioral Determinants of Health in Lung Cancer Patients Using Transformers-based Natural Language Processing Models.. <i>AMIA ... Annual Symposium proceedings</i> , 2021, 2021, 1225-1233.	0.2	1
59	L-PowerGraph: a lightweight distributed graph-parallel communication mechanism. <i>Journal of Supercomputing</i> , 2020, 76, 1850-1879.	2.4	4
60	Assessing the effect of data integration on predictive ability of cancer survival models. <i>Health Informatics Journal</i> , 2020, 26, 8-20.	1.1	7
61	Assessing mental health signals among sexual and gender minorities using Twitter data. <i>Health Informatics Journal</i> , 2020, 26, 765-786.	1.1	14
62	Provider-Patient Discussions About Smoking and the Impact of Lung Cancer Screening Guidelines: NHIS 2011â€“2015. <i>Journal of General Internal Medicine</i> , 2020, 35, 43-50.	1.3	9
63	Detecting associations between dietary supplement intake and sentiments within mental disorder tweets. <i>Health Informatics Journal</i> , 2020, 26, 803-815.	1.1	11
64	Prodromal clinical, demographic, and socio-ecological correlates of asthma in adults: a 10-year statewide big data multi-domain analysis. <i>Journal of Asthma</i> , 2020, 57, 1155-1167.	0.9	2
65	Mining Twitter to assess the determinants of health behavior toward human papillomavirus vaccination in the United States. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 225-235.	2.2	35
66	Identifying relations of medications with adverse drug events using recurrent convolutional neural networks and gradient boosting. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 65-72.	2.2	46
67	Ambient Air Pollution and Preeclampsia. <i>Hypertension</i> , 2020, 75, 618-619.	1.3	1
68	Timing, Costs, and Survival Outcome of Specialty Palliative Care in Medicare Beneficiaries With Metastatic Nonâ€“Small-Cell Lung Cancer. <i>JCO Oncology Practice</i> , 2020, 16, e1532-e1542.	1.4	11
69	User-centered design of a web-based crowdsourcing-integrated semantic text annotation tool for building a mental health knowledge base. <i>Journal of Biomedical Informatics</i> , 2020, 110, 103571.	2.5	7
70	Causal inference and counterfactual prediction in machine learning for actionable healthcare. <i>Nature Machine Intelligence</i> , 2020, 2, 369-375.	8.3	147
71	Learning from local to global: An efficient distributed algorithm for modeling time-to-event data. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 1028-1036.	2.2	46
72	Clinical concept extraction using transformers. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 1935-1942.	2.2	71

#	ARTICLE	IF	CITATIONS
73	Optimizing identification of resistant hypertension: Computable phenotype development and validation. <i>Pharmacoepidemiology and Drug Safety</i> , 2020, 29, 1393-1401.	0.9	12
74	Selected articles from the Fourth International Workshop on Semantics-Powered Data Mining and Analytics (SEPDA 2019). <i>BMC Medical Informatics and Decision Making</i> , 2020, 20, 315.	1.5	0
75	An ontology-based documentation of data discovery and integration process in cancer outcomes research. <i>BMC Medical Informatics and Decision Making</i> , 2020, 20, 292.	1.5	7
76	Statin Use for Atherosclerotic Cardiovascular Disease Prevention Among Sexual Minority Adults. <i>Journal of the American Heart Association</i> , 2020, 9, e018233.	1.6	4
77	Assessing the practice of data quality evaluation in a national clinical data research network through a systematic scoping review in the era of real-world data. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 1999-2010.	2.2	39
78	Cardiovascular toxicity in patients treated with immunotherapy for metastatic non-small cell lung cancer: A SEER-medicare study. <i>Lung Cancer</i> , 2020, 150, 172-177.	0.9	9
79	Explainable artificial intelligence models using real-world electronic health record data: a systematic scoping review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 1173-1185.	2.2	160
80	COVID-19 TestNorm: A tool to normalize COVID-19 testing names to LOINC codes. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 1437-1442.	2.2	12
81	Are Preregistration and Registered Reports Vulnerable to Hacking?. <i>Epidemiology</i> , 2020, 31, e32-e32.	1.2	1
82	Outcomes of primary endocrine therapy in elderly women with stage III breast cancer: a SEER database analysis. <i>Breast Cancer Research and Treatment</i> , 2020, 180, 819-827.	1.1	3
83	Re: A Call for Deep-learning Healthcare. <i>Epidemiology</i> , 2020, 31, e22.	1.2	0
84	Clinical Trial Generalizability Assessment in the Big Data Era: A Review. <i>Clinical and Translational Science</i> , 2020, 13, 675-684.	1.5	58
85	The rapid growth of intelligent systems in health and health care. <i>Health Informatics Journal</i> , 2020, 26, 5-7.	1.1	4
86	Use of Deep Learning to Analyze Social Media Discussions About the Human Papillomavirus Vaccine. <i>JAMA Network Open</i> , 2020, 3, e2022025.	2.8	32
87	iDISK: the integrated Dietary Supplements Knowledge base. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 539-548.	2.2	23
88	International Classification of Diseases, Tenth Revision, Clinical Modification social determinants of health codes are poorly used in electronic health records. <i>Medicine (United States)</i> , 2020, 99, e23818.	0.4	39
89	Measurement of Semantic Textual Similarity in Clinical Texts: Comparison of Transformer-Based Models. <i>JMIR Medical Informatics</i> , 2020, 8, e19735.	1.3	19
90	Extracting Family History of Patients From Clinical Narratives: Exploring an End-to-End Solution With Deep Learning Models. <i>JMIR Medical Informatics</i> , 2020, 8, e22982.	1.3	17

#	ARTICLE	IF	CITATIONS
91	Integrating Crowdsourcing and Active Learning for Classification of Work-Life Events from Tweets. Lecture Notes in Computer Science, 2020, , 333-344.	1.0	3
92	Exploring Eating Disorder Topics on Twitter: Machine Learning Approach. JMIR Medical Informatics, 2020, 8, e18273.	1.3	24
93	Mining Twitter to Assess the Determinants of Health Behavior towards Palliative Care in the United States. AMIA Summits on Translational Science Proceedings, 2020, 2020, 730-739.	0.4	1
94	A Natural Language Processing Tool to Extract Quantitative Smoking Status from Clinical Narratives. Proceedings, 2020, 2020, .	0.0	0
95	Identifying Clinical Risk Factors for Opioid Use Disorder using a Distributed Algorithm to Combine Real-World Data from a Large Clinical Data Research Network. AMIA ... Annual Symposium proceedings, 2020, 2020, 1220-1229.	0.2	1
96	Leverage Real-world Longitudinal Data in Large Clinical Research Networks for Alzheimer's Disease and Related Dementia (ADRD). AMIA ... Annual Symposium proceedings, 2020, 2020, 393-401.	0.2	1
97	Developing and Validating a Computable Phenotype for the Identification of Transgender and Gender Nonconforming Individuals and Subgroups. AMIA ... Annual Symposium proceedings, 2020, 2020, 514-523.	0.2	3
98	A Natural Language Processing Tool to Extract Quantitative Smoking Status from Clinical Narratives. , 2020, 2020, .		4
99	Facilitation or Hindrance: Physicians's Perception on Best Practice Alerts (BPA) Usage in an Electronic Health Record System. Health Communication, 2019, 34, 942-948.	1.8	12
100	How to Improve Public Health via Mining Social Media Platforms: A Case Study of Human Papillomaviruses (HPV). , 2019, , 207-231.		2
101	Implementing a hash-based privacy-preserving record linkage tool in the OneFlorida clinical research network. JAMIA Open, 2019, 2, 562-569.	1.0	25
102	Utilization pattern and service settings of palliative care for patients with metastatic non-small cell lung cancer. Cancer, 2019, 125, 4481-4489.	2.0	18
103	Statistical thinking, machine learning. Journal of Clinical Epidemiology, 2019, 116, 136-137.	2.4	7
104	Selected articles from the Third International Workshop on Semantics-Powered Data Analytics (SEPDA 2018). BMC Medical Informatics and Decision Making, 2019, 19, 148.	1.5	1
105	ALOHA: developing an interactive graph-based visualization for dietary supplement knowledge graph through user-centered design. BMC Medical Informatics and Decision Making, 2019, 19, 150.	1.5	16
106	Secondary use of standardized nursing care data for advancing nursing science and practice: a systematic review. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 1401-1411.	2.2	26
107	Leveraging deep learning to understand health beliefs about the Human Papillomavirus Vaccine from social media. Npj Digital Medicine, 2019, 2, 27.	5.7	22
108	Use of Social Media in Health Communication: Findings From the Health Information National Trends Survey 2013, 2014, and 2017. Cancer Control, 2019, 26, 107327481984144.	0.7	83

#	ARTICLE	IF	CITATIONS
109	Low Rates of Patient-Reported Physicianâ€“Patient Discussion about Lung Cancer Screening among Current Smokers: Data from Health Information National Trends Survey. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 963-973.	1.1	21
110	Knowledge of Palliative Care Among American Adults: 2018 Health Information National Trends Survey. <i>Journal of Pain and Symptom Management</i> , 2019, 58, 39-47.e3.	0.6	48
111	STAT: A Web-based Semantic Text Annotation Tool to Assist Building Mental Health Knowledge Base. , 2019, 2019, .		2
112	Clustering and topic modeling over tweets: A comparison over a health dataset. , 2019, 2019, 1544-1547.		5
113	Analysis of Twitter to Identify Topics Related to Eating Disorder Symptoms. , 2019, 2019, .		10
114	Injury Burden in the United States: Accurate, Reliable, and Timely Surveillance Using Electronic Health Care Data. <i>American Journal of Public Health</i> , 2019, 109, 1702-1706.	1.5	9
115	A Study of Deep Learning Methods for De-identification of Clinical Notes at Cross Institute Settings. , 2019, 2019, .		1
116	A study of deep learning methods for de-identification of clinical notes in cross-institute settings. <i>BMC Medical Informatics and Decision Making</i> , 2019, 19, 232.	1.5	47
117	MADEx: A System for Detecting Medications, Adverse Drug Events, and Their Relations from Clinical Notes. <i>Drug Safety</i> , 2019, 42, 123-133.	1.4	35
118	Efficacy and Effectiveness of Mobile Health Technologies for Facilitating Physical Activity in Adolescents: Scoping Review. <i>JMIR MHealth and UHealth</i> , 2019, 7, e11847.	1.8	69
119	Understanding Perceptions and Attitudes in Breast Cancer Discussions on Twitter. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 1293-1297.	0.2	13
120	An Operational Deep Learning Pipeline for Classifying Life Events from Individual Tweets. <i>Communications in Computer and Information Science</i> , 2019, , 54-66.	0.4	1
121	Raiders of the lost HARK: a reproducible inference framework for big data science. <i>Palgrave Communications</i> , 2019, 5, .	4.7	5
122	Building Computational Models to Predict One-Year Mortality in ICU Patients with Acute Myocardial Infarction and Post Myocardial Infarction Syndrome. <i>AMIA Summits on Translational Science Proceedings</i> , 2019, 2019, 407-416.	0.4	12
123	Analyzing Social Media Data to Understand Consumer Information Needs on Dietary Supplements. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 323-327.	0.2	5
124	Assessing the Validity of a Patient-Trial Generalizability Score using Real-world Data from a Large Clinical Data Research Network: A Colorectal Cancer Clinical Trial Case Study. <i>AMIA ... Annual Symposium proceedings</i> , 2019, 2019, 1101-1110.	0.2	4
125	Assessing the practice of biomedical ontology evaluation: Gaps and opportunities. <i>Journal of Biomedical Informatics</i> , 2018, 80, 1-13.	2.5	69
126	An integrative approach to investigate the association among high-sensitive C-reactive protein, body fat mass distribution, and other cardiometabolic risk factors in young healthy women. <i>Methods</i> , 2018, 145, 60-66.	1.9	4

#	ARTICLE	IF	CITATIONS
127	Learning bundled care opportunities from electronic medical records. <i>Journal of Biomedical Informatics</i> , 2018, 77, 1-10.	2.5	18
128	Prototyping an Interactive Visualization of Dietary Supplement Knowledge Graph. , 2018, 2018, 1649-1652.		5
129	Big data hurdles in precision medicine and precision public health. <i>BMC Medical Informatics and Decision Making</i> , 2018, 18, 139.	1.5	121
130	Introduction: selected extended articles from the 2nd International Workshop on Semantics-Powered Data Analytics (SEFDA 2017). <i>BMC Medical Informatics and Decision Making</i> , 2018, 18, 56.	1.5	2
131	Detecting Signals of Associations Between Dietary Supplement Use and Mental Disorders from Twitter. , 2018, 2018, 53-54.		5
132	Evidence-based tobacco treatment utilization among dual users of cigarettes and E-cigarettes. <i>Preventive Medicine</i> , 2018, 114, 193-199.	1.6	5
133	Assessing Mental Health Signals Among Sexual and Gender Minorities using Twitter Data. , 2018, 2018, 51-52.		9
134	Rural-urban and racial-ethnic differences in awareness of direct-to-consumer genetic testing. <i>BMC Public Health</i> , 2018, 18, 277.	1.2	28
135	Evaluating the reliability and validity of SF-8 with a large representative sample of urban Chinese. <i>Health and Quality of Life Outcomes</i> , 2018, 16, 55.	1.0	52
136	Evaluating semantic relations in neural word embeddings with biomedical and general domain knowledge bases. <i>BMC Medical Informatics and Decision Making</i> , 2018, 18, 65.	1.5	19
137	An ontology-guided semantic data integration framework to support integrative data analysis of cancer survival. <i>BMC Medical Informatics and Decision Making</i> , 2018, 18, 41.	1.5	37
138	OC-2-KB: integrating crowdsourcing into an obesity and cancer knowledge base curation system. <i>BMC Medical Informatics and Decision Making</i> , 2018, 18, 55.	1.5	22
139	Prevalence of Multiple Chronic Conditions Among Older Adults in Florida and the United States: Comparative Analysis of the OneFlorida Data Trust and National Inpatient Sample. <i>Journal of Medical Internet Research</i> , 2018, 20, e137.	2.1	50
140	Computable Eligibility Criteria through Ontology-driven Data Access: A Case Study of Hepatitis C Virus Trials. <i>AMIA ... Annual Symposium proceedings</i> , 2018, 2018, 1601-1610.	0.2	9
141	Combine Factual Medical Knowledge and Distributed Word Representation to Improve Clinical Named Entity Recognition. <i>AMIA ... Annual Symposium proceedings</i> , 2018, 2018, 1110-1117.	0.2	13
142	Smartphone-based vs paper-based asthma action plans for adolescents. <i>Annals of Allergy, Asthma and Immunology</i> , 2017, 118, 298-303.	0.5	50
143	Towards a privacy preserving cohort discovery framework for clinical research networks. <i>Journal of Biomedical Informatics</i> , 2017, 66, 42-51.	2.5	16
144	Enriching consumer health vocabulary through mining a social Q&A site: A similarity-based approach. <i>Journal of Biomedical Informatics</i> , 2017, 69, 75-85.	2.5	40

#	ARTICLE	IF	CITATIONS
145	Risk prediction model for in-hospital mortality in women with ST-elevation myocardial infarction: A machine learning approach. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2017, 46, 405-411.	0.8	36
146	An exploration of semantic relations in neural word embeddings using extrinsic knowledge. , 2017, , .		1
147	Auditing the assignments of top-level semantic types in the UMLS semantic network to UMLS concepts. , 2017, 2017, 1262-1269.		4
148	OC-2-KB: A software pipeline to build an evidence-based obesity and cancer knowledge base. , 2017, 2017, 1284-1287.		4
149	Data integration through ontology-based data access to support integrative data analysis: A case study of cancer survival. , 2017, 2017, 1300-1303.		11
150	The Building Blocks of Inter-operability. <i>Applied Clinical Informatics</i> , 2017, 08, 322-336.	0.8	14
151	Assessing the Quality of Mobile Exercise Apps Based on the American College of Sports Medicine Guidelines: A Reliable and Valid Scoring Instrument. <i>Journal of Medical Internet Research</i> , 2017, 19, e67.	2.1	29
152	Using Social Media Data to Understand the Impact of Promotional Information on Laypeople's Discussions: A Case Study of Lynch Syndrome. <i>Journal of Medical Internet Research</i> , 2017, 19, e414.	2.1	42
153	Exploring the Association Between Self-Reported Asthma Impact and Fitbit-Derived Sleep Quality and Physical Activity Measures in Adolescents. <i>JMIR MHealth and UHealth</i> , 2017, 5, e105.	1.8	41
154	Mobile Device Accuracy for Step Counting Across Age Groups. <i>JMIR MHealth and UHealth</i> , 2017, 5, e88.	1.8	44
155	Comparing and Contrasting A Priori and A Posteriori Generalizability Assessment of Clinical Trials on Type 2 Diabetes Mellitus. <i>AMIA ... Annual Symposium proceedings</i> , 2017, 2017, 849-858.	0.2	4
156	Mining Twitter to Assess the Public Perception of the "Internet of Things". <i>PLoS ONE</i> , 2016, 11, e0158450.	1.1	66
157	Twitter Analysis: Studying US Weekly Trends in Work Stress and Emotion. <i>Applied Psychology</i> , 2016, 65, 355-378.	4.4	72
158	Analysis of temporal constraints in qualitative eligibility criteria of cancer clinical studies. , 2016, 2016, 717-722.		3
159	Towards an obesity-cancer knowledge base: Biomedical entity identification and relation detection. , 2016, 2016, 1081-1088.		14
160	Accuracy of weight loss information in Spanish search engine results on the internet. <i>Obesity</i> , 2016, 24, 2422-2434.	1.5	14
161	Assessing the comorbidity gap between clinical studies and prevalence in elderly patient populations. , 2016, 2016, 136-139.		9
162	DiaFit: The Development of a Smart App for Patients with Type 2 Diabetes and Obesity. <i>JMIR Diabetes</i> , 2016, 1, e5.	0.9	23

#	ARTICLE	IF	CITATIONS
163	Consumers' Use of UMLS Concepts on Social Media: Diabetes-Related Textual Data Analysis in Blog and Social Q&A Sites. JMIR Medical Informatics, 2016, 4, e41.	1.3	31
164	CamAuth: Securing Web Authentication with Camera. , 2015, , .		6
165	Improving the precision of fMRI BOLD signal deconvolution with implications for connectivity analysis. Magnetic Resonance Imaging, 2015, 33, 1314-1323.	1.0	18
166	A deconvolution-based approach to identifying large-scale effective connectivity. Magnetic Resonance Imaging, 2015, 33, 1290-1298.	1.0	1
167	Low Quality of Free Coaching Apps With Respect to the American College of Sports Medicine Guidelines: A Review of Current Mobile Apps. JMIR MHealth and UHealth, 2015, 3, e77.	1.8	70
168	Mining Twitter as a First Step toward Assessing the Adequacy of Gender Identification Terms on Intake Forms. AMIA ... Annual Symposium proceedings, 2015, 2015, 611-20.	0.2	12
169	CollaborationViz: Interactive Visual Exploration of Biomedical Research Collaboration Networks. PLoS ONE, 2014, 9, e111928.	1.1	11
170	CLARA: an integrated clinical research administration system. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, e369-e373.	2.2	10
171	Social network analysis of biomedical research collaboration networks in a CTSA institution. Journal of Biomedical Informatics, 2014, 52, 130-140.	2.5	47
172	LightGraph: Lighten Communication in Distributed Graph-Parallel Processing. , 2014, , .		17
173	Automated Tools for Clinical Research Data Quality Control using NCI Common Data Elements. AMIA Summits on Translational Science Proceedings, 2014, 2014, 60-9.	0.4	2
174	A secure communication framework for large-scale unmanned aircraft systems. , 2013, , .		1
175	The Jigsaw secure distributed file system. Computers and Electrical Engineering, 2013, 39, 1142-1152.	3.0	2
176	SIM: A smartphone-based identity management framework and its application to Arkansas trauma image repository. , 2013, , .		0
177	Understanding biomedical research collaborations through social network analysis: A case study. , 2013, , .		3
178	A probabilistic model of functional brain connectivity network for discovering novel biomarkers. AMIA Summits on Translational Science Proceedings, 2013, 2013, 21-5.	0.4	1
179	Dynamical System Theory for the Detection of Anomalous Behavior in Computer Programs. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2012, 42, 1579-1589.	3.3	1
180	Towards large-scale twitter mining for drug-related adverse events. , 2012, 2012, 25-32.		185

#	ARTICLE	IF	CITATIONS
181	Dynamical System approach to insider threat detection. , 2011, , .		3
182	A methodology for empirical analysis of brain connectivity through graph mining. , 2011, , .		0
183	JIGDFS: A SECURE DISTRIBUTED FILE SYSTEM FOR MEDICAL IMAGE ARCHIVING. , 2011, , 75-98.		0
184	EIR: Enterprise imaging repository, an alternative imaging archiving and communication system. , 2009, 2009, 2168-71.		4