

Yi Guo

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

1,879
citations

304743

22
h-index

302126

39
g-index

80
all docs

80
docs citations

80
times ranked

3092
citing authors

#	ARTICLE	IF	CITATIONS
1	Selecting a sample size for studies with repeated measures. BMC Medical Research Methodology, 2013, 13, 100.	3.1	258
2	Assessing the reliability of the short form 12 (SF-12) health survey in adults with mental health conditions: a report from the wellness incentive and navigation (WIN) study. Health and Quality of Life Outcomes, 2018, 16, 34.	2.4	148
3	Causal inference and counterfactual prediction in machine learning for actionable healthcare. Nature Machine Intelligence, 2020, 2, 369-375.	16.0	147
4	Mobile Apps for the Management of Diabetes. Diabetes Care, 2017, 40, e145-e146.	8.6	82
5	Independent associations between a metabolic syndrome severity score and future diabetes by sex and race: the Atherosclerosis Risk In Communities Study and Jackson Heart Study. Diabetologia, 2017, 60, 1261-1270.	6.3	75
6	Health Literacy: A Pathway to Better Oral Health. American Journal of Public Health, 2014, 104, e85-e91.	2.7	69
7	Independent Associations Between Metabolic Syndrome Severity and Future Coronary Heart Disease by Sex and Race. Journal of the American College of Cardiology, 2017, 69, 1204-1205.	2.8	63
8	Clinical Trial Generalizability Assessment in the Big Data Era: A Review. Clinical and Translational Science, 2020, 13, 675-684.	3.1	58
9	Evaluating the reliability and validity of SF-8 with a large representative sample of urban Chinese. Health and Quality of Life Outcomes, 2018, 16, 55.	2.4	52
10	Mobile Device Accuracy for Step Counting Across Age Groups. JMIR MHealth and UHealth, 2017, 5, e88.	3.7	44
11	Using Social Media Data to Understand the Impact of Promotional Information on Laypeople's Discussions: A Case Study of Lynch Syndrome. Journal of Medical Internet Research, 2017, 19, e414.	4.3	42
12	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. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1999-2010.	4.4	39
13	International Classification of Diseases, Tenth Revision, Clinical Modification social determinants of health codes are poorly used in electronic health records. Medicine (United States), 2020, 99, e23818.	1.0	39
14	Metabolic syndrome severity is significantly associated with future coronary heart disease in Type 2 diabetes. Cardiovascular Diabetology, 2018, 17, 17.	6.8	38
15	An ontology-guided semantic data integration framework to support integrative data analysis of cancer survival. BMC Medical Informatics and Decision Making, 2018, 18, 41.	3.0	37
16	Mining Twitter to assess the determinants of health behavior toward human papillomavirus vaccination in the United States. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 225-235.	4.4	35
17	Waterpipe Tobacco Smoking and Susceptibility to Cigarette Smoking Among Young Adults in the United States, 2012-2013. Preventing Chronic Disease, 2016, 13, E24.	3.4	34
18	Sample-size calculation for repeated-measures and longitudinal studies. American Journal of Orthodontics and Dentofacial Orthopedics, 2015, 147, 146-149.	1.7	29

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19	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.	4.3	29
20	Rural-urban and racial-ethnic differences in awareness of direct-to-consumer genetic testing. <i>BMC Public Health</i> , 2018, 18, 277.	2.9	28
21	Psychosocial Factors Associated With Mouth and Throat Cancer Examinations in Rural Florida. <i>American Journal of Public Health</i> , 2012, 102, e7-e14.	2.7	25
22	Implementing a hash-based privacy-preserving record linkage tool in the OneFlorida clinical research network. <i>JAMIA Open</i> , 2019, 2, 562-569.	2.0	25
23	Objective and subjective socioeconomic status associated with metabolic syndrome severity among African American adults in Jackson Heart Study. <i>Psychoneuroendocrinology</i> , 2020, 117, 104686.	2.7	25
24	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.	4.4	24
25	Disparities in Knowledge of Mouth or Throat Cancer Among Rural Floridians. <i>Journal of Rural Health</i> , 2013, 29, 294-303.	2.9	23
26	The relationships among individual and regional smoking, socioeconomic status, and oral and pharyngeal cancer survival: a mediation analysis. <i>Cancer Medicine</i> , 2015, 4, 1612-1619.	2.8	23
27	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.	3.0	22
28	Assessing the added predictive ability of a metabolic syndrome severity score in predicting incident cardiovascular disease and type 2 diabetes: the Atherosclerosis Risk in Communities Study and Jackson Heart Study. <i>Diabetology and Metabolic Syndrome</i> , 2018, 10, 42.	2.7	21
29	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.	2.5	21
30	Increasing Screening Intentions for Oral and Pharyngeal Cancer. <i>Annals of Behavioral Medicine</i> , 2013, 46, 96-106.	2.9	19
31	Evaluating Tablet Computers as a Survey Tool in Rural Communities. <i>Journal of Rural Health</i> , 2015, 31, 108-117.	2.9	18
32	ALOHA: developing an interactive graph-based visualization for dietary supplement knowledge graph through user-centered design. <i>BMC Medical Informatics and Decision Making</i> , 2019, 19, 150.	3.0	16
33	Racial disparity in oral and pharyngeal cancer in Florida in 1991â€“2008: mixed trends in stage of diagnosis. <i>Community Dentistry and Oral Epidemiology</i> , 2013, 41, 110-119.	1.9	14
34	Towards an obesity-cancer knowledge base: Biomedical entity identification and relation detection. , 2016, 2016, 1081-1088.		14
35	Assessing mental health signals among sexual and gender minorities using Twitter data. <i>Health Informatics Journal</i> , 2020, 26, 765-786.	2.1	14
36	Understanding Perceptions and Attitudes in Breast Cancer Discussions on Twitter. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 1293-1297.	0.3	13

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37	Combine Factual Medical Knowledge and Distributed Word Representation to Improve Clinical Named Entity Recognition. AMIA ... Annual Symposium proceedings, 2018, 2018, 1110-1117.	0.2	13
38	Facilitation or Hindrance: Physicians' Perception on Best Practice Alerts (BPA) Usage in an Electronic Health Record System. Health Communication, 2019, 34, 942-948.	3.1	12
39	Semantic standards of external exposome data. Environmental Research, 2021, 197, 111185.	7.5	12
40	Impact of hepatitis C virus treatment on the risk of non-hepatic cancers among hepatitis C virus-infected patients in the US. Alimentary Pharmacology and Therapeutics, 2020, 52, 1592-1602.	3.7	12
41	Prevalence of Alzheimer's and Related Dementia Diseases and Risk Factors Among Transgender Adults, Florida, 2012-2020. American Journal of Public Health, 2022, 112, 754-757.	2.7	11
42	Determinants of First-Time Cancer Examinations in a Rural Community: A Mechanism for Behavior Change. American Journal of Public Health, 2015, 105, 1424-1431.	2.7	9
43	Association of Rates of Smoking During Pregnancy With Corporate Tobacco Sales Policies. JAMA Pediatrics, 2019, 173, 284.	6.2	9
44	Assessing the Documentation of Social Determinants of Health for Lung Cancer Patients in Clinical Narratives. Frontiers in Public Health, 2022, 10, 778463.	2.7	9
45	Biases in using social media data for public health surveillance: A scoping review. International Journal of Medical Informatics, 2022, 164, 104804.	3.3	9
46	The choice of reference gene affects statistical efficiency in quantitative PCR data analysis. BioTechniques, 2013, 55, 207-209.	1.8	8
47	The wellness incentives and navigation project: design and methods. BMC Health Services Research, 2015, 15, 579.	2.2	7
48	Statistical thinking, machine learning. Journal of Clinical Epidemiology, 2019, 116, 136-137.	5.0	7
49	An ontology-based documentation of data discovery and integration process in cancer outcomes research. BMC Medical Informatics and Decision Making, 2020, 20, 292.	3.0	7
50	Deep propensity network using a sparse autoencoder for estimation of treatment effects. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1197-1206.	4.4	7
51	The association between cognitive impairment and breast and colorectal cancer screening utilization. BMC Cancer, 2021, 21, 539.	2.6	7
52	The Wellness Incentive and Navigation intervention improved health-related quality of life among Medicaid enrollees: A randomized pragmatic clinical trial. Health Services Research, 2019, 54, 1156-1165.	2.0	6
53	Classification Tree Analysis of Factors Associated with Oral Cancer Exam. American Journal of Health Behavior, 2019, 43, 635-647.	1.4	5
54	Geographic variation in palliative care delivery among patients diagnosed with metastatic lung cancer in the USA: Medicare population-based study. Supportive Care in Cancer, 2021, 29, 813-821.	2.2	5

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55	Oral cancer knowledge and screening behavior among smokers and non-smokers in rural communities. <i>BMC Cancer</i> , 2021, 21, 430.	2.6	5
56	The role of sex and rurality in cancer fatalistic beliefs and cancer screening utilization in Florida. <i>Cancer Medicine</i> , 2021, 10, 6048-6057.	2.8	5
57	Human Papillomavirus Vaccination and Human Papillomavirus-Associated Cancer Rates Within Florida Counties. <i>American Journal of Preventive Medicine</i> , 2021, 61, 812-820.	3.0	5
58	OC-2-KB: A software pipeline to build an evidence-based obesity and cancer knowledge base. , 2017, 2017, 1284-1287.		4
59	Statin Use for Atherosclerotic Cardiovascular Disease Prevention Among Sexual Minority Adults. <i>Journal of the American Heart Association</i> , 2020, 9, e018233.	3.7	4
60	A Natural Language Processing Tool to Extract Quantitative Smoking Status from Clinical Narratives. , 2020, 2020, .		4
61	Dental Visits Mediate the Impact of Smoking on Oral Health. <i>American Journal of Health Behavior</i> , 2018, 42, 59-68.	1.4	3
62	Integrating Crowdsourcing and Active Learning for Classification of Work-Life Events from Tweets. <i>Lecture Notes in Computer Science</i> , 2020, , 333-344.	1.3	3
63	Procedural complications associated with invasive diagnostic procedures after lung cancer screening with low-dose computed tomography. <i>Lung Cancer</i> , 2022, 165, 141-144.	2.0	3
64	Cross-sectional relationship between pain intensity and subjective cognitive decline among middle-aged and older adults with arthritis or joint conditions: Results from a population-based study. <i>SAGE Open Medicine</i> , 2022, 10, 205031212210959.	1.8	3
65	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.	1.9	3
66	How to Improve Public Health via Mining Social Media Platforms: A Case Study of Human Papillomaviruses (HPV). , 2019, , 207-231.		2
67	Exploring the Role of Executive Functioning Capacity in Patient Activation and Health Outcomes Among Medicaid Members With Multiple Comorbidities. <i>Medical Care Research and Review</i> , 2019, 76, 444-461.	2.1	2
68	Bagged random causal networks for interventional queries on observational biomedical datasets. <i>Journal of Biomedical Informatics</i> , 2021, 115, 103689.	4.3	2
69	What a Dentist Should Know About Oral and Pharyngeal Cancer in Florida. <i>Today's Fda: Official Monthly Journal of the Florida Dental Association</i> , 2015, 27, 56-7, 59.	0.0	2
70	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.	1.9	1
71	Disparities in Survival Patterns for Oral and Pharyngeal Cancer in Florida: Can We Do Anything about It?. <i>Today's Fda: Official Monthly Journal of the Florida Dental Association</i> , 2015, 27, 58-9, 61.	0.0	1
72	Mining Twitter to Assess the Determinants of Health Behavior towards Palliative Care in the United States. <i>AMIA Summits on Translational Science Proceedings</i> , 2020, 2020, 730-739.	0.4	1

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73	Polygenic risk of Alzheimer's disease in the Faroe Islands. <i>European Journal of Neurology</i> , 2022, , .	3.3	1
74	Protocol for the development of a reporting guideline for causal and counterfactual prediction models in biomedicine. <i>BMJ Open</i> , 2022, 12, e059715.	1.9	1
75	A Natural Language Processing Tool to Extract Quantitative Smoking Status from Clinical Narratives. <i>Proceedings</i> , 2020, 2020, .	0.0	0
76	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
77	Simulating Colorectal Cancer Trials Using Real-World Data. <i>JCO Clinical Cancer Informatics</i> , 2022, , .	2.1	0