

# 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	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
2	Assessing the Documentation of Social Determinants of Health for Lung Cancer Patients in Clinical Narratives. <i>Frontiers in Public Health</i> , 2022, 10, 778463.	2.7	9
3	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.	2.7	11
4	Polygenic risk of Alzheimer's disease in the Faroe Islands. <i>European Journal of Neurology</i> , 2022, , .	3.3	1
5	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
6	Biases in using social media data for public health surveillance: A scoping review. <i>International Journal of Medical Informatics</i> , 2022, 164, 104804.	3.3	9
7	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
8	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
9	Simulating Colorectal Cancer Trials Using Real-World Data. <i>JCO Clinical Cancer Informatics</i> , 2022, , .	2.1	0
10	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.	2.2	5
11	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.	4.4	7
12	Bagged random causal networks for interventional queries on observational biomedical datasets. <i>Journal of Biomedical Informatics</i> , 2021, 115, 103689.	4.3	2
13	Oral cancer knowledge and screening behavior among smokers and non-smokers in rural communities. <i>BMC Cancer</i> , 2021, 21, 430.	2.6	5
14	The association between cognitive impairment and breast and colorectal cancer screening utilization. <i>BMC Cancer</i> , 2021, 21, 539.	2.6	7
15	Semantic standards of external exposome data. <i>Environmental Research</i> , 2021, 197, 111185.	7.5	12
16	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
17	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
18	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

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19	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
20	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
21	Assessing mental health signals among sexual and gender minorities using Twitter data. <i>Health Informatics Journal</i> , 2020, 26, 765-786.	2.1	14
22	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.	4.4	35
23	Causal inference and counterfactual prediction in machine learning for actionable healthcare. <i>Nature Machine Intelligence</i> , 2020, 2, 369-375.	16.0	147
24	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.	3.0	7
25	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
26	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.	4.4	39
27	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
28	Clinical Trial Generalizability Assessment in the Big Data Era: A Review. <i>Clinical and Translational Science</i> , 2020, 13, 675-684.	3.1	58
29	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.	1.0	39
30	Impact of hepatitis C virus treatment on the risk of non-hepatic cancers among hepatitis C virus-infected patients in the US. <i>Alimentary Pharmacology and Therapeutics</i> , 2020, 52, 1592-1602.	3.7	12
31	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
32	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
33	A Natural Language Processing Tool to Extract Quantitative Smoking Status from Clinical Narratives. <i>Proceedings</i> , 2020, 2020, .	0.0	0
34	A Natural Language Processing Tool to Extract Quantitative Smoking Status from Clinical Narratives. , 2020, 2020, .		4
35	Facilitation or Hindrance: Physicians' Perception on Best Practice Alerts (BPA) Usage in an Electronic Health Record System. <i>Health Communication</i> , 2019, 34, 942-948.	3.1	12
36	How to Improve Public Health via Mining Social Media Platforms: A Case Study of Human Papillomaviruses (HPV). , 2019, , 207-231.		2

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37	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
38	Statistical thinking, machine learning. <i>Journal of Clinical Epidemiology</i> , 2019, 116, 136-137.	5.0	7
39	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
40	Association of Rates of Smoking During Pregnancy With Corporate Tobacco Sales Policies. <i>JAMA Pediatrics</i> , 2019, 173, 284.	6.2	9
41	Classification Tree Analysis of Factors Associated with Oral Cancer Exam. <i>American Journal of Health Behavior</i> , 2019, 43, 635-647.	1.4	5
42	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
43	The Wellness Incentive and Navigation intervention improved healthâ€“related quality of life among Medicaid enrollees: A randomized pragmatic clinical trial. <i>Health Services Research</i> , 2019, 54, 1156-1165.	2.0	6
44	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
45	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
46	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. <i>Health and Quality of Life Outcomes</i> , 2018, 16, 34.	2.4	148
47	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
48	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
49	Metabolic syndrome severity is significantly associated with future coronary heart disease in Type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2018, 17, 17.	6.8	38
50	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.	2.4	52
51	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.	3.0	37
52	Dental Visits Mediate the Impact of Smoking on Oral Health. <i>American Journal of Health Behavior</i> , 2018, 42, 59-68.	1.4	3
53	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
54	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

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55	Independent Associations Between Metabolic Syndrome Severity and Future Coronary Heart Disease by Sex and Race. <i>Journal of the American College of Cardiology</i> , 2017, 69, 1204-1205.	2.8	63
56	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. <i>Diabetologia</i> , 2017, 60, 1261-1270.	6.3	75
57	Mobile Apps for the Management of Diabetes. <i>Diabetes Care</i> , 2017, 40, e145-e146.	8.6	82
58	OC-2-KB: A software pipeline to build an evidence-based obesity and cancer knowledge base. , 2017, 2017, 1284-1287.		4
59	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
60	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.	4.3	42
61	Mobile Device Accuracy for Step Counting Across Age Groups. <i>JMIR MHealth and UHealth</i> , 2017, 5, e88.	3.7	44
62	Waterpipe Tobacco Smoking and Susceptibility to Cigarette Smoking Among Young Adults in the United States, 2012-2013. <i>Preventing Chronic Disease</i> , 2016, 13, E24.	3.4	34
63	Towards an obesity-cancer knowledge base: Biomedical entity identification and relation detection. , 2016, 2016, 1081-1088.		14
64	Evaluating Tablet Computers as a Survey Tool in Rural Communities. <i>Journal of Rural Health</i> , 2015, 31, 108-117.	2.9	18
65	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
66	The wellness incentives and navigation project: design and methods. <i>BMC Health Services Research</i> , 2015, 15, 579.	2.2	7
67	Determinants of First-Time Cancer Examinations in a Rural Community: A Mechanism for Behavior Change. <i>American Journal of Public Health</i> , 2015, 105, 1424-1431.	2.7	9
68	Sample-size calculation for repeated-measures and longitudinal studies. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2015, 147, 146-149.	1.7	29
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	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
71	Health Literacy: A Pathway to Better Oral Health. <i>American Journal of Public Health</i> , 2014, 104, e85-e91.	2.7	69
72	Increasing Screening Intentions for Oral and Pharyngeal Cancer. <i>Annals of Behavioral Medicine</i> , 2013, 46, 96-106.	2.9	19

#	ARTICLE	IF	CITATIONS
73	Selecting a sample size for studies with repeated measures. BMC Medical Research Methodology, 2013, 13, 100.	3.1	258
74	Racial disparity in oral and pharyngeal cancer in Florida in 1991–2008: mixed trends in stage of diagnosis. Community Dentistry and Oral Epidemiology, 2013, 41, 110-119.	1.9	14
75	The choice of reference gene affects statistical efficiency in quantitative PCR data analysis. BioTechniques, 2013, 55, 207-209.	1.8	8
76	Disparities in Knowledge of Mouth or Throat Cancer Among Rural Floridians. Journal of Rural Health, 2013, 29, 294-303.	2.9	23
77	Psychosocial Factors Associated With Mouth and Throat Cancer Examinations in Rural Florida. American Journal of Public Health, 2012, 102, e7-e14.	2.7	25