Karen O'Connor

List of Publications by Year
in descending order

31 papers	1,558 citations	840776 11 h-index	610901 24 g-index
46 all docs	46 docs citations	46 times ranked	1551 citing authors

#	Article	IF	Citations
1	Toward Using Twitter Data to Monitor COVID-19 Vaccine Safety in Pregnancy: Proof-of-Concept Study of Cohort Identification. JMIR Formative Research, 2022, 6, e33792.	1.4	3
2	Methods to Establish Race or Ethnicity of Twitter Users: Scoping Review. Journal of Medical Internet Research, 2022, 24, e35788.	4.3	7
3	Toward Using Twitter for PrEP-Related Interventions: An Automated Natural Language Processing Pipeline for Identifying Gay or Bisexual Men in the United States. JMIR Public Health and Surveillance, 2022, 8, e32405.	2.6	1
4	A chronological and geographical analysis of personal reports of COVID-19 on Twitter from the UK. Digital Health, 2022, 8, 205520762210975.	1.8	5
5	Best Practices on Big Data Analytics to Address Sex-Specific Biases in Our Understanding of the Etiology, Diagnosis, and Prognosis of Diseases. Annual Review of Biomedical Data Science, 2022, 5, .	6.5	0
6	Automatically Identifying Twitter Users for Interventions to Support Dementia Family Caregivers: Annotated Data Set and Benchmark Classification Models. JMIR Aging, 2022, 5, e39547.	3.0	5
7	Using Twitter Data for Cohort Studies of Drug Safety in Pregnancy: Proof-of-concept With Î²-Blockers. JMIR Formative Research, 2022, 6, e36771.	1.4	9
8	A Comparative View of Reported Adverse Effects of Statins in Social Media, Regulatory Data, Drug Information Databases and Systematic Reviews. Drug Safety, 2021, 44, 167-179.	3.2	11
9	Public Perspectives on Anti-Diabetic Drugs: Exploratory Analysis of Twitter Posts. JMIR Diabetes, 2021, 6, e24681.	1.9	12
10	Toward Using Twitter for Tracking COVID-19: A Natural Language Processing Pipeline and Exploratory Data Set. Journal of Medical Internet Research, 2021, 23, e25314.	4.3	45
11	Text classification models for the automatic detection of nonmedical prescription medication use from social media. BMC Medical Informatics and Decision Making, 2021, 21, 27.	3.0	57
12	Active neural networks to detect mentions of changes to medication treatment in social media. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 2551-2561.	4.4	9
13	GeoBoost2: a natural languageprocessing pipeline for GenBank metadata enrichment for virus phylogeography. Bioinformatics, 2020, 36, 5120-5121.	4.1	7
14	Assessment of Beliefs and Attitudes About Statins Posted on Twitter. JAMA Network Open, 2020, 3, e208953.	5.9	54
15	Pregnancy and health in the age of the Internet: A content analysis of online â€œbirth clubâ€•forums. PLoS ONE, 2020, 15, e0230947.	2.5	37
16	Promoting Reproducible Research for Characterizing Nonmedical Use of Medications Through Data Annotation: Description of a Twitter Corpus and Guidelines. Journal of Medical Internet Research, 2020, 22, e15861.	4.3	17
17	An empirical evaluation of electronic annotation tools for Twitter data. Genomics and Informatics, 2020, 18, e24.	0.8	0
18	Deep neural networks ensemble for detecting medication mentions in tweets. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 1618-1626.	4.4	32

#	Article	IF	Citations
19	Incorporating sampling uncertainty in the geospatial assignment of taxa for virus phylogeography. Virus Evolution, 2019, 5, vey043.	4.9	12
20	Pharmacoepidemiologic Evaluation of Birth Defects from Health-Related Postings in Social Media During Pregnancy. Drug Safety, 2019, 42, 389-400.	3.2	39
21	Overview of the Fourth Social Media Mining for Health (SMM4H) Shared Tasks at ACL 2019. , 2019, , .		58
22	An Analysis of a Twitter Corpus for Training a Medication Intake Classifier. AMIA Summits on Translational Science Proceedings, 2019, 2019, 102-106.	0.4	0
23	GeoBoost: accelerating research involving the geospatial metadata of virus GenBank records. Bioinformatics, 2018, 34, 1606-1608.	4.1	12
24	Advances in Text Mining and Visualization for Precision Medicine. , 2018, , .		3
25	Methods to Compare Adverse Events in Twitter to FAERS, Drug Information Databases, and Systematic Reviews: Proof of Concept with Adalimumab. Drug Safety, 2018, 41, 1397-1410.	3.2	37
26	Dealing with Medication Non-Adherence Expressions in Twitter. , 2018, , .		10
27	Detecting Personal Medication Intake in Twitter: An Annotated Corpus and Baseline Classification System. , 2017, , .		20
28	Social Media Mining for Toxicovigilance: Automatic Monitoring of Prescription Medication Abuse from Twitter. Drug Safety, 2016, 39, 231-240.	3.2	162
29	Pharmacovigilance from social media: mining adverse drug reaction mentions using sequence labeling with word embedding cluster features. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 671-681.	4.4	415
30	Utilizing social media data for pharmacovigilance: A review. Journal of Biomedical Informatics, 2015, 54, 202-212.	4.3	401
31	Pharmacovigilance on twitter? Mining tweets for adverse drug reactions. AMIA ... Annual Symposium proceedings, 2014, 2014, 924-33.	0.2	39