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	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
2	Utilizing social media data for pharmacovigilance: A review. Journal of Biomedical Informatics, 2015, 54, 202-212.	4.3	401
3	Social Media Mining for Toxicovigilance: Automatic Monitoring of Prescription Medication Abuse from Twitter. Drug Safety, 2016, 39, 231-240.	3.2	162
4	Overview of the Fourth Social Media Mining for Health (SMM4H) Shared Tasks at ACL 2019. , 2019, , .		58
5	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
6	Assessment of Beliefs and Attitudes About Statins Posted on Twitter. JAMA Network Open, 2020, 3, e208953.	5.9	54
7	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
8	Pharmacoepidemiologic Evaluation of Birth Defects from Health-Related Postings in Social Media During Pregnancy. Drug Safety, 2019, 42, 389-400.	3.2	39
9	Pharmacovigilance on twitter? Mining tweets for adverse drug reactions. AMIA ... Annual Symposium proceedings, 2014, 2014, 924-33.	0.2	39
10	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
11	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
12	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
13	Detecting Personal Medication Intake in Twitter: An Annotated Corpus and Baseline Classification System. , 2017, , .		20
14	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
15	GeoBoost: accelerating research involving the geospatial metadata of virus GenBank records. Bioinformatics, 2018, 34, 1606-1608.	4.1	12
16	Incorporating sampling uncertainty in the geospatial assignment of taxa for virus phylogeography. Virus Evolution, 2019, 5, vey043.	4.9	12
17	Public Perspectives on Anti-Diabetic Drugs: Exploratory Analysis of Twitter Posts. JMIR Diabetes, 2021, 6, e24681.	1.9	12
18	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

#	Article	IF	Citations
19	Dealing with Medication Non-Adherence Expressions in Twitter. , 2018, , .		10
20	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
21	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
22	GeoBoost2: a natural languageprocessing pipeline for GenBank metadata enrichment for virus phylogeography. Bioinformatics, 2020, 36, 5120-5121.	4.1	7
23	Methods to Establish Race or Ethnicity of Twitter Users: Scoping Review. Journal of Medical Internet Research, 2022, 24, e35788.	4.3	7
24	A chronological and geographical analysis of personal reports of COVID-19 on Twitter from the UK. Digital Health, 2022, 8, 205520762210975.	1.8	5
25	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
26	Advances in Text Mining and Visualization for Precision Medicine. , 2018, , .		3
27	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
28	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
29	An empirical evaluation of electronic annotation tools for Twitter data. Genomics and Informatics, 2020, 18, e24.	0.8	0
30	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
31	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