Alison Callahan

List of Publications by Year
in descending order

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40 papers	1,265 citations	430874 18 h-index	395702 33 g-index
49 all docs	49 docs citations	49 times ranked	2105 citing authors

#	Article	IF	Citations
1	Building a Learning Health System: Creating an Analytical Workflow for Evidence Generation to Inform Institutional Clinical Care Guidelines. Applied Clinical Informatics, 2022, 13, 315-321.	1.7	4
2	Assessment of Extractability and Accuracy of Electronic Health Record Data for Joint Implant Registries. JAMA Network Open, 2021, 4, e211728.	5.9	7
3	ACE: the Advanced Cohort Engine for searching longitudinal patient records. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1468-1479.	4.4	14
4	Association of Systemic Diseases With Surgical Treatment for Obstructive Sleep Apnea Compared With Continuous Positive Airway Pressure. JAMA Otolaryngology - Head and Neck Surgery, 2021, 147, 329.	2.2	18
5	Ontology-driven weak supervision for clinical entity classification in electronic health records. Nature Communications, 2021, 12, 2017.	12.8	40
6	Treatment and Monitoring Variability in US Metastatic Breast Cancer Care. JCO Clinical Cancer Informatics, 2021, 5, 600-614.	2.1	5
7	Using Aggregate Patient Data at the Bedside via an On-Demand Consultation Service. NEJM Catalyst, 2021, 2, .	0.7	6
8	FAIR SCI Ahead: The Evolution of the Open Data Commons for Pre-Clinical Spinal Cord Injury Research. Journal of Neurotrauma, 2020, 37, 831-838.	3.4	27
9	Estimating the efficacy of symptom-based screening for COVID-19. Npj Digital Medicine, 2020, 3, 95.	10.9	65
10	Research and Reporting Considerations for Observational Studies Using Electronic Health Record Data. Annals of Internal Medicine, 2020, 172, S79-S84.	3.9	46
11	Feasibility and evaluation of a large-scale external validation approach for patient-level prediction in an international data network: validation of models predicting stroke in female patients newly diagnosed with atrial fibrillation. BMC Medical Research Methodology, 2020, 20, 102.	3.1	22
12	Medical device surveillance with electronic health records. Npj Digital Medicine, 2019, 2, 94.	10.9	44
13	It is time to learn from patients like mine. Npj Digital Medicine, 2019, 2, 16.	10.9	27
14	210. Step-down from IV to oral therapy in patients with bacteremia due to Enterobacteriaceae: fluoroquinolones (FQ) vs. ÃŸ-lactams (BL) or trimethoprim-sulfamethoxazole (TMP-SMX). Open Forum Infectious Diseases, 2019, 6, S124-S124.	0.9	2
15	Early Detection of Adverse Drug Reactions in Social Health Networks: A Natural Language Processing Pipeline for Signal Detection. JMIR Public Health and Surveillance, 2019, 5, e11264.	2.6	26
16	Real-world efficacy of bone modifying agents (BMAs) in patients with breast cancer (BC) treated in an academic health system: Use of the â€œgreen button.. Journal of Clinical Oncology, 2019, 37, e18054-e18054.	1.6	1
17	Performing an Informatics Consult: Methods and Challenges. Journal of the American College of Radiology, 2018, 15, 563-568.	1.8	29
18	U-Index, a dataset and an impact metric for informatics tools and databases. Scientific Data, 2018, 5, 180043.	5.3	7

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19	A Second Opinion From Observational Data on Second-line Diabetes Drugs. JAMA Network Open, 2018, 1, e186119.	5.9	3
20	Association of Hemoglobin A_{1c} Levels With Use of Sulfonylureas, Dipeptidyl Peptidase 4 Inhibitors, and Thiazolidinediones in Patients With Type 2 Diabetes Treated With Metformin. JAMA Network Open, 2018, 1, e181755.	5.9	54
21	Developing a data sharing community for spinal cord injury research. Experimental Neurology, 2017, 295, 135-143.	4.1	48
22	RegenBase: a knowledge base of spinal cord injury biology for translational research. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw040.	3.0	14
23	DISCOVERING PATIENT PHENOTYPES USING GENERALIZED LOW RANK MODELS. , 2016, , .		11
24	Feasibility of Prioritizing Drugâ€“Drug-Event Associations Found in Electronic Health Records. Drug Safety, 2016, 39, 45-57.	3.2	31
25	The health care and life sciences community profile for dataset descriptions. PeerJ, 2016, 4, e2331.	2.0	18
26	An evidence-based approach to identify aging-related genes in Caenorhabditis elegans. BMC Bioinformatics, 2015, 16, 40.	2.6	8
27	Analyzing Information Seeking and Drug-Safety Alert Response by Health Care Professionals as New Methods for Surveillance. Journal of Medical Internet Research, 2015, 17, e204.	4.3	9
28	Analyzing search behavior of healthcare professionals for drug safety surveillance. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2015, , 306-17.	0.7	6
29	The Semanticscience Integrated Ontology (SIO) for biomedical research and knowledge discovery. Journal of Biomedical Semantics, 2014, 5, 14.	1.6	138
30	Automatically exposing OpenLifeData via SADI semantic Web Services. Journal of Biomedical Semantics, 2014, 5, 46.	1.6	10
31	Text Mining for Adverse Drug Events: the Promise, Challenges, and State of the Art. Drug Safety, 2014, 37, 777-790.	3.2	183
32	ANALYZING SEARCH BEHAVIOR OF HEALTHCARE PROFESSIONALS FOR DRUG SAFETY SURVEILLANCE. , 2014, , .		9
33	Ontology-Based Querying with Bio2RDFâ€™s Linked Open Data. Journal of Biomedical Semantics, 2013, 4, S1.	1.6	44
34	Bio2RDF Release 2: Improved Coverage, Interoperability and Provenance of Life Science Linked Data. Lecture Notes in Computer Science, 2013, , 200-212.	1.3	77
35	Evaluating Scientific Hypotheses Using the SPARQL Inferencing Notation. Lecture Notes in Computer Science, 2012, , 647-658.	1.3	8
36	HyQue: evaluating hypotheses using Semantic Web technologies. Journal of Biomedical Semantics, 2011, 2, S3.	1.6	28

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37	Contextual cocitation: Augmenting cocitation analysis and its applications. Journal of the Association for Information Science and Technology, 2010, 61, 1130-1143.	2.6	16
38	Behaviourally mediated crypsis in two nocturnal moths with contrasting appearance. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 503-510.	4.0	53
39	Empirical tests of the role of disruptive coloration in reducing detectability. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 1325-1331.	2.6	91
40	Camouflage behaviour and body orientation on backgrounds containing directional patterns. , 0, , 101-117.		2