Liwei Wang

List of Publications by Year
in descending order

33 papers	**1,654** citations	686830 **13** h-index	500791 **28** g-index
36 all docs	**36** docs citations	**36** times ranked	**2471** citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical information extraction applications: A literature review. Journal of Biomedical Informatics, 2018, 77, 34-49.	2.5	502
2	A clinical text classification paradigm using weak supervision and deep representation. BMC Medical Informatics and Decision Making, 2019, 19, 1.	1.5	348
3	A comparison of word embeddings for the biomedical natural language processing. Journal of Biomedical Informatics, 2018, 87, 12-20.	2.5	259
4	Clinical concept extraction: A methodology review. Journal of Biomedical Informatics, 2020, 109, 103526.	2.5	86
5	MedSTS: a resource for clinical semantic textual similarity. Language Resources and Evaluation, 2020, 54, 57-72.	1.8	81
6	Cohort Profile: The Right Drug, Right Dose, Right Time: Using Genomic Data to Individualize Treatment Protocol (RIGHT Protocol). International Journal of Epidemiology, 2020, 49, 23-24k.	0.9	34
7	Standardizing adverse drug event reporting data. Journal of Biomedical Semantics, 2014, 5, 36.	0.9	31
8	Comparison of Three Information Sources for Smoking Information in Electronic Health Records. Cancer Informatics, 2016, 15, CIN.S40604.	0.9	30
9	Rare disease knowledge enrichment through a data-driven approach. BMC Medical Informatics and Decision Making, 2019, 19, 32.	1.5	30
10	HPO2Vec+: Leveraging heterogeneous knowledge resources to enrich node embeddings for the Human Phenotype Ontology. Journal of Biomedical Informatics, 2019, 96, 103246.	2.5	26
11	Utilization of Electronic Medical Records and Biomedical Literature to Support the Diagnosis of Rare Diseases Using Data Fusion and Collaborative Filtering Approaches. JMIR Medical Informatics, 2018, 6, e11301.	1.3	26
12	Need of informatics in designing interoperable clinical registries. International Journal of Medical Informatics, 2017, 108, 78-84.	1.6	17
13	Detecting Lifestyle Risk Factors for Chronic Kidney Disease With Comorbidities: Association Rule Mining Analysis of Web-Based Survey Data. Journal of Medical Internet Research, 2019, 21, e14204.	2.1	17
14	Time event ontology (TEO): to support semantic representation and reasoning of complex temporal relations of clinical events. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1046-1056.	2.2	16
15	Sex differences in type and occurrence of adverse reactions to opioid analgesics: a retrospective cohort study. BMJ Open, 2021, 11, e044157.	0.8	16
16	Implementation of a Cohort Retrieval System for Clinical Data Repositories Using the Observational Medical Outcomes Partnership Common Data Model: Proof-of-Concept System Validation. JMIR Medical Informatics, 2020, 8, e17376.	1.3	16
17	Phenotypic Analysis of Clinical Narratives Using Human Phenotype Ontology. Studies in Health Technology and Informatics, 2017, 245, 581-585.	0.2	14
18	An aberration detection-based approach for sentinel syndromic surveillance of COVID-19 and other novel influenza-like illnesses. Journal of Biomedical Informatics, 2021, 113, 103660.	2.5	12

#	Article	IF	Citations
19	Systematic Analysis of Free-Text Family History in Electronic Health Record. AMIA Summits on Translational Science Proceedings, 2017, 2017, 104-113.	0.4	12
20	Leveraging Collaborative Filtering to Accelerate Rare Disease Diagnosis. AMIA ... Annual Symposium proceedings, 2017, 2017, 1554-1563.	0.2	11
21	Prioritizing Adverse Drug Reaction and Drug Repositioning Candidates Generated by Literature-Based Discovery. , 2016, , .		10
22	Association of Genetic Variants at TRPC6 With Chemotherapy-Related Heart Failure. Frontiers in Cardiovascular Medicine, 2020, 7, 142.	1.1	9
23	Recommending Education Materials for Diabetic Questions Using Information Retrieval Approaches. Journal of Medical Internet Research, 2017, 19, e342.	2.1	9
24	Using Human Phenotype Ontology for Phenotypic Analysis of Clinical Notes. Studies in Health Technology and Informatics, 2017, 245, 1285.	0.2	7
25	Constructing Node Embeddings for Human Phenotype Ontology to Assist Phenotypic Similarity Measurement. , 2018, , .		5
26	Discovering associations between problem list and practice setting. BMC Medical Informatics and Decision Making, 2019, 19, 69.	1.5	5
27	Impact of Diverse Data Sources on Computational Phenotyping. Frontiers in Genetics, 2020, 11, 556.	1.1	5
28	Characteristics Associated With Recruitment and Re-contact in Mayo Clinic Biobank. Frontiers in Public Health, 2020, 8, 9.	1.3	4
29	A Text-Mining Framework for Supporting Systematic Reviews. , 2016, 1, 1-9.		4
30	Investigating the impact of disease and health record duration on the eMERGE algorithm for rheumatoid arthritis. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 601-605.	2.2	3
31	Leveraging Association Rule Mining to Detect Pathophysiological Mechanisms of Chronic Kidney Disease Complicated by Metabolic Syndrome. , 2018, , .		2
32	Midwest rural–urban disparities in use of patient online services for COVID–19. Journal of Rural Health, 2022, , .	1.6	2
33	Answering diabetic patients' questions using expert-vetted online resources: A case study. , 2016, , .		0