Chunhua Weng

List of Publications by Year
in descending order

173 papers	5,150 citations	136950 32 h-index	118850 62 g-index
184 all docs	184 docs citations	184 times ranked	5889 citing authors

#	ARTICLE	IF	CITATIONS
1	Methods and dimensions of electronic health record data quality assessment: enabling reuse for clinical research. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 144-151.	4.4	784
2	Defining and measuring completeness of electronic health records for secondary use. Journal of Biomedical Informatics, 2013, 46, 830-836.	4.3	276
3	A Harmonized Data Quality Assessment Terminology and Framework for the Secondary Use of Electronic Health Record Data. EGEMS (Washington, DC), 2017, 4, 18.	2.0	274
4	Formal representation of eligibility criteria: A literature review. Journal of Biomedical Informatics, 2010, 43, 451-467.	4.3	156
5	Secondary Use of EHR: Data Quality Issues and Informatics Opportunities. Summit on Translational Bioinformatics, 2010, 2010, 1-5.	0.7	122
6	Electronic Screening Improves Efficiency in Clinical Trial Recruitment. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 869-873.	4.4	118
7	EliXR: an approach to eligibility criteria extraction and representation. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, i116-i124.	4.4	109
8	Combining PubMed knowledge and EHR data to develop a weighted bayesian network for pancreatic cancer prediction. Journal of Biomedical Informatics, 2011, 44, 859-868.	4.3	106
9	Deep Phenotyping on Electronic Health Records Facilitates Genetic Diagnosis by Clinical Exomes. American Journal of Human Genetics, 2018, 103, 58-73.	6.2	99
10	Harmonizing Clinical Sequencing and Interpretation for the eMERGE III Network. American Journal of Human Genetics, 2019, 105, 588-605.	6.2	99
11	A review of auditing methods applied to the content of controlled biomedical terminologies. Journal of Biomedical Informatics, 2009, 42, 413-425.	4.3	97
12	Hidden in plain sight: bias towards sick patients when sampling patients with sufficient electronic health record data for research. BMC Medical Informatics and Decision Making, 2014, 14, 51.	3.0	90
13	A Data Quality Assessment Guideline for Electronic Health Record Data Reuse. EGEMS (Washington,) Tj ETQq1 1 0.784314 rgBT /Over	2.0	83
14	Criteria2Query: a natural language interface to clinical databases for cohort definition. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 294-305.	4.4	81
15	Translating evidence into practice: eligibility criteria fail to eliminate clinically significant differences between real-world and study populations. Npj Digital Medicine, 2020, 3, 67.	10.9	75
16	EliIE: An open-source information extraction system for clinical trial eligibility criteria. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 1062-1071.	4.4	72
17	Using EHRs to integrate research with patient care: promises and challenges: Table 1. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 684-687.	4.4	70
18	Case-based reasoning using electronic health records efficiently identifies eligible patients for clinical trials. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, e141-e150.	4.4	70

#	ARTICLE	IF	CITATIONS
19	A collaborative approach to developing an electronic health record phenotyping algorithm for drug-induced liver injury. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, e243-e252.	4.4	63
20	Clustering clinical trials with similar eligibility criteria features. Journal of Biomedical Informatics, 2014, 52, 112-120.	4.3	57
21	Sick patients have more data: the non-random completeness of electronic health records. AMIA ... Annual Symposium proceedings, 2013, 2013, 1472-7.	0.2	55
22	A survey of practices for the use of electronic health records to support research recruitment. Journal of Clinical and Translational Science, 2017, 1, 246-252.	0.6	51
23	Deep phenotyping: Embracing complexity and temporalityâ€"Towards scalability, portability, and interoperability. Journal of Biomedical Informatics, 2020, 105, 103433.	4.3	51
24	Facilitating phenotype transfer using a common data model. Journal of Biomedical Informatics, 2019, 96, 103253.	4.3	49
25	Comparing ICD9-encoded diagnoses and NLP-processed discharge summaries for clinical trials pre-screening: a case study. AMIA ... Annual Symposium proceedings, 2008, , 404-8.	0.2	49
26	Discovering medical conditions associated with periodontitis using linked electronic health records. Journal of Clinical Periodontology, 2013, 40, 474-482.	4.9	48
27	Genome-wide polygenic score to predict chronic kidney disease across ancestries. Nature Medicine, 2022, 28, 1412-1420.	30.7	48
28	Doc2Hpo: a web application for efficient and accurate HPO concept curation. Nucleic Acids Research, 2019, 47, W566-W570.	14.5	47
29	Phen2Gene: rapid phenotype-driven gene prioritization for rare diseases. NAR Genomics and Bioinformatics, 2020, 2, lqaa032.	3.2	45
30	Columbia Open Health Data, clinical concept prevalence and co-occurrence from electronic health records. Scientific Data, 2018, 5, 180273.	5.3	41
31	Dynamic categorization of clinical research eligibility criteria by hierarchical clustering. Journal of Biomedical Informatics, 2011, 44, 927-935.	4.3	40
32	Medical records-based chronic kidney disease phenotype for clinical care and â€œbig dataâ€•observational and genetic studies. Npj Digital Medicine, 2021, 4, 70.	10.9	39
33	Clinical research informatics: a conceptual perspective. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, e36-e42.	4.4	38
34	A humanâ€"computer collaborative approach to identifying common data elements in clinical trial eligibility criteria. Journal of Biomedical Informatics, 2013, 46, 33-39.	4.3	38
35	Factors Affecting the Quality of Person-Generated Wearable Device Data and Associated Challenges: Rapid Systematic Review. JMIR MHealth and UHealth, 2021, 9, e20738.	3.7	38
36	User-centered semantic harmonization: A case study. Journal of Biomedical Informatics, 2007, 40, 353-364.	4.3	35

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37	Valx: A System for Extracting and Structuring Numeric Lab Test Comparison Statements from Text. Methods of Information in Medicine, 2016, 55, 266-275.	1.2	34
38	Contemporary use of real-world data for clinical trial conduct in the United States: a scoping review. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 144-154.	4.4	33
39	A real-time screening alert improves patient recruitment efficiency. AMIA ... Annual Symposium proceedings, 2011, 2011, 1489-98.	0.2	32
40	Generalizability of Polygenic Risk Scores for Breast Cancer Among Women With European, African, and Latinx Ancestry. JAMA Network Open, 2021, 4, e2119084.	5.9	31
41	Development and validation of an electronic phenotyping algorithm for chronic kidney disease. AMIA ... Annual Symposium proceedings, 2014, 2014, 907-16.	0.2	31
42	Optimizing Clinical Research Participant Selection with Informatics. Trends in Pharmacological Sciences, 2015, 36, 706-709.	8.7	30
43	UMLS-based data augmentation for natural language processing of clinical research literature. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 812-823.	4.4	30
44	Participatory design of a collaborative clinical trial protocol writing system. International Journal of Medical Informatics, 2007, 76, S245-S251.	3.3	29
45	Unsupervised mining of frequent tags for clinical eligibility text indexing. Journal of Biomedical Informatics, 2013, 46, 1145-1151.	4.3	29
46	Making work visible for electronic phenotype implementation: Lessons learned from the eMERGE network. Journal of Biomedical Informatics, 2019, 99, 103293.	4.3	27
47	Associating co-authorship patterns with publications in high-impact journals. Journal of Biomedical Informatics, 2014, 52, 311-318.	4.3	26
48	An Integrated Model for Patient Care and Clinical Trials (IMPACT) to support clinical research visit scheduling workflow for future learning health systems. Journal of Biomedical Informatics, 2013, 46, 642-652.	4.3	25
49	Association of Pathogenic Variants in Hereditary Cancer Genes With Multiple Diseases. JAMA Oncology, 2022, 8, 835.	7.1	25
50	Asynchronous communication among clinical researchers: A study for systems design. International Journal of Medical Informatics, 2005, 74, 797-807.	3.3	24
51	eTACTS: A method for dynamically filtering clinical trial search results. Journal of Biomedical Informatics, 2013, 46, 1060-1067.	4.3	23
52	Assessing the Collective Population Representativeness of Related Type 2 Diabetes Trials by Combining Public Data from ClinicalTrials.gov and NHANES. Studies in Health Technology and Informatics, 2015, 216, 569-73.	0.3	23
53	Feasibility of Feature-based Indexing, Clustering, and Search of Clinical Trials. Methods of Information in Medicine, 2013, 52, 382-394.	1.2	21
54	From expert-derived user needs to user-perceived ease of use and usefulness: A two-phase mixed-methods evaluation framework. Journal of Biomedical Informatics, 2014, 52, 141-150.	4.3	21

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55	Multivariate analysis of the population representativeness of related clinical studies. Journal of Biomedical Informatics, 2016, 60, 66-76.	4.3	21
56	Empowering genomic medicine by establishing critical sequencing result data flows: the eMERGE example. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 1375-1381.	4.4	21
57	GIST 2.0: A scalable multi-trait metric for quantifying population representativeness of individual clinical studies. Journal of Biomedical Informatics, 2016, 63, 325-336.	4.3	20
58	Clinical Data: Sources and Types, Regulatory Constraints, Applications. Clinical and Translational Science, 2019, 12, 329-333.	3.1	20
59	A centralized research data repository enhances retrospective outcomes research capacity: a case report. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 563-567.	4.4	19
60	Ensembles of natural language processing systems for portable phenotyping solutions. Journal of Biomedical Informatics, 2019, 100, 103318.	4.3	19
61	Semi-supervised learning to improve generalizability of risk prediction models. Journal of Biomedical Informatics, 2019, 92, 103117.	4.3	19
62	Chia, a large annotated corpus of clinical trial eligibility criteria. Scientific Data, 2020, 7, 281.	5.3	19
63	Towards clinical data-driven eligibility criteria optimization for interventional COVID-19 clinical trials. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 14-22.	4.4	19
64	Comparing the effectiveness of a clinical registry and a clinical data warehouse for supporting clinical trial recruitment: a case study. AMIA ... Annual Symposium proceedings, 2010, 2010, 867-71.	0.2	19
65	Correlating eligibility criteria generalizability and adverse events using Big Data for patients and clinical trials. Annals of the New York Academy of Sciences, 2017, 1387, 34-43.	3.8	18
66	Harmonizing Outcomes for Genomic Medicine: Comparison of eMERGE Outcomes to ClinGen Outcome/Intervention Pairs. Healthcare (Switzerland), 2018, 6, 83.	2.0	18
67	Comparison of Clinical Characteristics Between Clinical Trial Participants and Nonparticipants Using Electronic Health Record Data. JAMA Network Open, 2021, 4, e214732.	5.9	18
68	A knowledge base of clinical trial eligibility criteria. Journal of Biomedical Informatics, 2021, 117, 103771.	4.3	18
69	Semi-Automatically Inducing Semantic Classes of Clinical Research Eligibility Criteria Using UMLS and Hierarchical Clustering. AMIA ... Annual Symposium proceedings, 2010, 2010, 487-91.	0.2	18
70	Arrhythmia Variant Associations and Reclassifications in the eMERGE-III Sequencing Study. Circulation, 2022, 145, 877-891.	1.6	18
71	Visual aggregate analysis of eligibility features of clinical trials. Journal of Biomedical Informatics, 2015, 54, 241-255.	4.3	17
72	Automated learning of domain taxonomies from text using background knowledge. Journal of Biomedical Informatics, 2016, 63, 295-306.	4.3	17

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73	Evidence appraisal: a scoping review, conceptual framework, and research agenda. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 1192-1203.	4.4	17
74	Missense variants in <i>TAF1</i> and developmental phenotypes: Challenges of determining pathogenicity. Human Mutation, 2020, 41, 449-464.	2.5	17
75	Extracting temporal constraints from clinical research eligibility criteria using conditional random fields. AMIA ... Annual Symposium proceedings, 2011, 2011, 843-52.	0.2	17
76	EliXR-TIME: A Temporal Knowledge Representation for Clinical Research Eligibility Criteria. AMIA Summits on Translational Science Proceedings, 2012, 2012, 71-80.	0.4	17
77	A Mendelian Randomization Approach Using 3-HMG-Coenzyme-A Reductase Gene Variation to Evaluate the Association of Statin-Induced Low-Density Lipoprotein Cholesterol Lowering With Noncardiovascular Disease Phenotypes. JAMA Network Open, 2021, 4, e2112820.	5.9	16
78	GeneLiFT: A novel test to facilitate rapid screening of genetic literacy in a diverse population undergoing genetic testing. Journal of Genetic Counseling, 2021, 30, 742-754.	1.6	16
79	Corpus-based Approach to Creating a Semantic Lexicon for Clinical Research Eligibility Criteria from UMLS. Summit on Translational Bioinformatics, 2010, 2010, 26-30.	0.7	16
80	A method for analyzing commonalities in clinical trial target populations. AMIA ... Annual Symposium proceedings, 2014, 2014, 1777-86.	0.2	16
81	Natural Language Processing, Electronic Health Records, and Clinical Research. Computers in Health Care, 2012, , 293-310.	0.3	15
82	Penetrance of Breast Cancer Susceptibility Genes from the eMERGE III Network. JNCI Cancer Spectrum, 2021, 5, pkab044.	2.9	14
83	Characterization of the biomedical query mediation process. AMIA Summits on Translational Science Proceedings, 2013, 2013, 89-93.	0.4	14
84	The representativeness of eligible patients in type 2 diabetes trials: a case study using GIST 2.0. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 239-247.	4.4	13
85	Adapting electronic health records-derived phenotypes to claims data: Lessons learned in using limited clinical data for phenotyping. Journal of Biomedical Informatics, 2020, 102, 103363.	4.3	13
86	A deep database of medical abbreviations and acronyms for natural language processing. Scientific Data, 2021, 8, 149.	5.3	13
87	Detecting Systemic Data Quality Issues in Electronic Health Records. Studies in Health Technology and Informatics, 2019, 264, 383-387.	0.3	13
88	Risk Factors Associated With SARS-CoV-2 Breakthrough Infections in Fully mRNA-Vaccinated Individuals: Retrospective Analysis. JMIR Public Health and Surveillance, 2022, 8, e35311.	2.6	13
89	Combining expert knowledge and knowledge automatically acquired from electronic data sources for continued ontology evaluation and improvement. Journal of Biomedical Informatics, 2015, 57, 42-52.	4.3	12
90	A data-driven concept schema for defining clinical research data needs. International Journal of Medical Informatics, 2016, 91, 1-9.	3.3	12

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91	Facilitating biomedical researchersâ€™ interrogation of electronic health record data: Ideas from outside of biomedical informatics. Journal of Biomedical Informatics, 2016, 60, 376-384.	4.3	12
92	Trends in anesthesiology research: a machine learning approach to theme discovery and summarization. JAMIA Open, 2018, 1, 283-293.	2.0	12
93	A systematic review on natural language processing systems for eligibility prescreening in clinical research. Journal of the American Medical Informatics Association: JAMIA, 2021, 29, 197-206.	4.4	12
94	Pretraining to Recognize PICO Elements from Randomized Controlled Trial Literature. Studies in Health Technology and Informatics, 2019, 264, 188-192.	0.3	11
95	A method for harmonization of clinical abbreviation and acronym sense inventories. Journal of Biomedical Informatics, 2018, 88, 62-69.	4.3	10
96	Evaluation of the cost and effectiveness of diverse recruitment methods for a genetic screening study. Genetics in Medicine, 2019, 21, 2371-2380.	2.4	10
97	Understanding the nature and scope of clinical research commentaries in PubMed. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 449-456.	4.4	10
98	An OMOP CDM-Based Relational Database of Clinical Research Eligibility Criteria. Studies in Health Technology and Informatics, 2017, 245, 950-954.	0.3	10
99	DQueST: dynamic questionnaire for search of clinical trials. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 1333-1343.	4.4	9
100	Complexities, variations, and errors of numbering within clinical notes: the potential impact on information extraction and cohort-identification. BMC Medical Informatics and Decision Making, 2019, 19, 75.	3.0	9
101	Advancing Clinical Research Through Natural Language Processing on Electronic Health Records: Traditional Machine Learning Meets Deep Learning. Computers in Health Care, 2019, , 357-378.	0.3	9
102	Clinical data quality: a data life cycle perspective. Biostatistics and Epidemiology, 2020, 4, 6-14.	0.4	9
103	Extracting and Normalizing Temporal Expressions in Clinical Data Requests from Researchers. Lecture Notes in Computer Science, 2013, , 41-51.	1.3	9
104	A method for probing disease relatedness using common clinical eligibility criteria. Studies in Health Technology and Informatics, 2013, 192, 481-5.	0.3	9
105	Simulation-based Evaluation of the Generalizability Index for Study Traits. AMIA ... Annual Symposium proceedings, 2015, 2015, 594-603.	0.2	9
106	EHR-based cohort assessment for multicenter RCTs: a fast and flexible model for identifying potential study sites. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 652-659.	4.4	9
107	A conceptual framework for evaluating data suitability for observational studies. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 248-258.	4.4	8
108	A Framework (SOCRATex) for Hierarchical Annotation of Unstructured Electronic Health Records and Integration Into a Standardized Medical Database: Development and Usability Study. JMIR Medical Informatics, 2021, 9, e23983.	2.6	8

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109	Building an OMOP common data model-compliant annotated corpus for COVID-19 clinical trials. Journal of Biomedical Informatics, 2021, 118, 103790.	4.3	8
110	Clinical comparison between trial participants and potentially eligible patients using electronic health record data: A generalizability assessment method. Journal of Biomedical Informatics, 2021, 119, 103822.	4.3	8
111	DREAM: Classification scheme for dialog acts in clinical research query mediation. Journal of Biomedical Informatics, 2016, 59, 89-101.	4.3	7
112	AI uses patient data to optimize selection of eligibility criteria for clinical trials. Nature, 2021, 592, 512-513.	27.8	7
113	Comparative effectiveness of medical concept embedding for feature engineering in phenotyping. JAMIA Open, 2021, 4, ooab028.	2.0	7
114	Quantitative disease risk scores from EHR with applications to clinical risk stratification and genetic studies. Npj Digital Medicine, 2021, 4, 116.	10.9	7
115	Evaluation considerations for EHR-based phenotyping algorithms: A case study for drug-induced liver injury. AMIA Summits on Translational Science Proceedings, 2013, 2013, 130-4.	0.4	7
116	Design and evaluation of a bacterial clinical infectious diseases ontology. AMIA ... Annual Symposium proceedings, 2013, 2013, 502-11.	0.2	7
117	Considerations for using research data to verify clinical data accuracy. AMIA Summits on Translational Science Proceedings, 2014, 2014, 211-7.	0.4	7
118	The Data Gap in the EHR for Clinical Research Eligibility Screening. AMIA Summits on Translational Science Proceedings, 2018, 2017, 320-329.	0.4	7
119	Developing a multivariable prognostic model for pancreatic endocrine tumors using the clinical data warehouse resources of a single institution. Applied Clinical Informatics, 2010, 01, 38-49.	1.7	6
120	Adaptive Semantic Tag Mining from Heterogeneous Clinical Research Texts. Methods of Information in Medicine, 2015, 54, 164-170.	1.2	6
121	Bacterial clinical infectious diseases ontology (BCIDO) dataset. Data in Brief, 2016, 8, 881-884.	1.0	6
122	PhenCards: a data resource linking human phenotype information to biomedical knowledge. Genome Medicine, 2021, 13, 91.	8.2	6
123	Clinical Phenotypic Spectrum of 4095 Individuals with Down Syndrome from Text Mining of Electronic Health Records. Genes, 2021, 12, 1159.	2.4	6
124	Temporal knowledge representation for scheduling tasks in clinical trial protocols. Proceedings, 2002, , 879-83.	0.6	6
125	Toward a cognitive task analysis for biomedical query mediation. AMIA Summits on Translational Science Proceedings, 2014, 2014, 218-22.	0.4	6
126	IDENTIFICATION OF QUESTIONABLE EXCLUSION CRITERIA IN MENTAL DISORDER CLINICAL TRIALS USING A MEDICAL ENCYCLOPEDIA. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2016, 21, 219-30.	0.7	6

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127	Combining human and machine intelligence for clinical trial eligibility querying. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 1161-1171.	4.4	6
128	Identifying Data Quality Dimensions for Person-Generated Wearable Device Data: Multi-Method Study. JMIR MHealth and UHealth, 2021, 9, e31618.	3.7	6
129	Large-scale genomic analyses reveal insights into pleiotropy across circulatory system diseases and nervous system disorders. Nature Communications, 2022, 13, .	12.8	6
130	Leveraging dialog systems research to assist biomedical researchersâ€™ interrogation of Big Clinical Data. Journal of Biomedical Informatics, 2016, 61, 176-184.	4.3	5
131	Assessing the readiness of precision medicine interoperabilty: An exploratory study of the National Institutes of Health genetic testing registry. Journal of Innovation in Health Informatics, 2017, 24, 323.	0.9	5
132	An electronic health record (EHR) log analysis shows limited clinician engagement with unsolicited genetic test results. JAMIA Open, 2021, 4, ooab014.	2.0	5
133	Data Quality of Chemotherapy-Induced Nausea and Vomiting Documentation. Applied Clinical Informatics, 2021, 12, 320-328.	1.7	5
134	Trend and Network Analysis of Common Eligibility Features for Cancer Trials in ClinicalTrials.gov. Lecture Notes in Computer Science, 2014, 8549, 130-141.	1.3	5
135	The COVID-19 Trial Finder. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 616-621.	4.4	5
136	What Is Asked in Clinical Data Request Forms? A Multi-site Thematic Analysis of Forms Towards Better Data Access Support. AMIA ... Annual Symposium proceedings, 2014, 2014, 616-25.	0.2	5
137	<scp>Special Report</scp>: Identifying Interdisciplinary Research Priorities to Prevent and Treat Pediatric Obesity in New York City. Clinical and Translational Science, 2010, 3, 172-177.	3.1	4
138	An Initial Log Analysis of Usage Patterns on a Research Networking System. Clinical and Translational Science, 2012, 5, 340-347.	3.1	4
139	Pathogenic Mutations in Cancer-Predisposing Genes: A Survey of 300 Patients with Whole-Genome Sequencing and Lifetime Electronic Health Records. PLoS ONE, 2016, 11, e0167847.	2.5	4
140	Prediction of black box warning by mining patterns of Convergent Focus Shift in clinical trial study populations using linked public data. Journal of Biomedical Informatics, 2016, 60, 132-144.	4.3	4
141	Choices, attitudes, and experiences of genetic screening in Latino/a and Ashkenazi Jewish individuals. Journal of Community Genetics, 2020, 11, 391-403.	1.2	4
142	A conceptual framework for external validity. Journal of Biomedical Informatics, 2021, 121, 103870.	4.3	4
143	A Data Element-Function Conceptual Model for Data Quality Checks. EGEMS (Washington, DC), 2019, 7, 17.	2.0	4
144	ECRL: an eligibility criteria representation language based on the UMLS Semantic Network. AMIA ... Annual Symposium proceedings, 2008, , 1084.	0.2	4

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145	Unsupervised Time-Series Clustering Over Lab Data for Automatic Identification of Uncontrolled Diabetes. , 2016, , .		3
146	An Interoperable Similarity-based Cohort Identification Method Using the OMOP Common Data Model Version 5.0. Journal of Healthcare Informatics Research, 2017, 1, 1-18.	7.6	3
147	Call for papers: Deep phenotyping for Precision Medicine. Journal of Biomedical Informatics, 2018, 87, 66-67.	4.3	3
148	Pathway analysis of genomic pathology tests for prognostic cancer subtyping. Journal of Biomedical Informatics, 2019, 98, 103286.	4.3	3
149	Similarity-based health risk prediction using Domain Fusion and electronic health records data. Journal of Biomedical Informatics, 2021, 116, 103711.	4.3	3
150	Preferences for Updates on General Research Results: A Survey of Participants in Genomic Research from Two Institutions. Journal of Personalized Medicine, 2021, 11, 399.	2.5	3
151	A Framework for Systematic Assessment of Clinical Trial Population Representativeness Using Electronic Health Records Data. Applied Clinical Informatics, 2021, 12, 816-825.	1.7	3
152	Columbia Open Health Data for COVID-19 Research: Database Analysis. Journal of Medical Internet Research, 2021, 23, e31122.	4.3	3
153	Correlating Lab Test Results in Clinical Notes with Structured Lab Data: A Case Study in HbA1c and Glucose. AMIA Summits on Translational Science Proceedings, 2017, 2017, 221-228.	0.4	3
154	The ranking of scientists. Journal of Biomedical Informatics, 2018, 79, 145-146.	4.3	2
155	Participatory Design of a Clinical Trial Eligibility Criteria Simplification Method. Studies in Health Technology and Informatics, 2021, 281, 984-988.	0.3	2
156	A neuro-symbolic method for understanding free-text medical evidence. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1703-1711.	4.4	2
157	From clinical trials to clinical practice: How long are drugs tested and then used by patients?. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 2456-2460.	4.4	2
158	Enhancing electronic health records to support clinical research. AMIA Summits on Translational Science Proceedings, 2014, 2014, 102-8.	0.4	2
159	Towards symbiosis in knowledge representation and natural language processing for structuring clinical practice guidelines. Studies in Health Technology and Informatics, 2014, 201, 461-9.	0.3	2
160	Desiderata for Major Eligibility Criteria in Breast Cancer Clinical Trials. AMIA ... Annual Symposium proceedings, 2015, 2015, 2025-34.	0.2	2
161	How Have Cancer Clinical Trial Eligibility Criteria Evolved Over Time?. AMIA Summits on Translational Science Proceedings, 2016, 2016, 269-78.	0.4	2
162	A Comparison between Human and NLP-based Annotation of Clinical Trial Eligibility Criteria Text Using The OMOP Common Data Model. AMIA Summits on Translational Science Proceedings, 2021, 2021, 394-403.	0.4	2

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163	A multi-site cognitive task analysis for biomedical query mediation. International Journal of Medical Informatics, 2016, 93, 74-84.	3.3	1
164	Informatics Approaches to Participant Recruitment. Computers in Health Care, 2019, , 109-122.	0.3	1
165	Informatics Approaches to Participant Recruitment. Computers in Health Care, 2012, , 81-93.	0.3	1
166	Under-specification as the source of ambiguity and vagueness in narrative phenotype algorithm definitions. BMC Medical Informatics and Decision Making, 2022, 22, 23.	3.0	1
167	Leveraging electronic health record data for clinical trial planning by assessing eligibility criteria's impact on patient count and safety. Journal of Biomedical Informatics, 2022, 127, 104032.	4.3	1
168	Psychiatric manifestations of rare variation in medically actionable genes: a PheWAS approach. BMC Genomics, 2022, 23, 385.	2.8	1
169	The Potential Role of EHR data in optimizing eligibility criteria definition for cardiovascular outcome trials. International Journal of Medical Informatics, 2021, 156, 104587.	3.3	0
170	Using software to elicit user needs for clinical research visit scheduling. AMIA Summits on Translational Science Proceedings, 2014, 2014, 109-15.	0.4	0
171	Dialogue Analysis for Clinical Data Query Mediation. Studies in Health Technology and Informatics, 2019, 264, 1398-1402.	0.3	0
172	User engagement with web-based genomics education videos and implications for designing scalable patient education materials. AMIA ... Annual Symposium proceedings, 2019, 2019, 923-932.	0.2	0
173	Impact of IMPACT: Longitudinal Analysis of an Integrated Participant Scheduling System in a Clinical Research Setting. AMIA ... Annual Symposium proceedings, 2020, 2020, 283-292.	0.2	0