

Launching PCORnet, a national patient-centered clinical

Journal of the American Medical Informatics Association: JAMIA
21, 578-582

DOI: [10.1136/amiajnl-2014-002747](https://doi.org/10.1136/amiajnl-2014-002747)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Patient-Powered Research Networks Aim To Improve Patient Care And Health Research. Health Affairs, 2014, 33, 1212-1219.	2.5	72
2	Regulators Should Better Leverage Effectiveness Standards to Enhance Drug Value. Pharmacotherapy, 2014, 34, 1005-1011.	1.2	0
3	Useless Until Proven Effective: The Clinical Utility of Preemptive Pharmacogenetic Testing. Clinical Pharmacology and Therapeutics, 2014, 96, 652-654.	2.3	37
4	Patient-Centered Outcomes Composites. Circulation, 2014, 130, 1223-1224.	1.6	4
5	Traits and types of health data repositories. Health Information Science and Systems, 2014, 2, 4.	3.4	16
6	A "Green Button"™ For Using Aggregate Patient Data At The Point Of Care. Health Affairs, 2014, 33, 1229-1235.	2.5	140
7	The authors reply. Critical Care Medicine, 2014, 42, e685-e686.	0.4	0
8	From adaptive licensing to adaptive pathways: Delivering a flexible life-span approach to bring new drugs to patients. Clinical Pharmacology and Therapeutics, 2015, 97, 234-246.	2.3	160
9	Federated queries of clinical data repositories: Scaling to a national network. Journal of Biomedical Informatics, 2015, 55, 231-236.	2.5	18
10	Nursing Needs Big Data and Big Data Needs Nursing. Journal of Nursing Scholarship, 2015, 47, 477-484.	1.1	154
11	Exploiting big data for critical care research. Current Opinion in Critical Care, 2015, 21, 467-472.	1.6	36
12	Commentary: Interaction of the ADRB2 Gene Polymorphism with Childhood Trauma in Predicting Adult Symptoms of Posttraumatic Stress Disorder. Frontiers in Psychiatry, 2015, 6, 136.	1.3	0
13	Virtualization of open-source secure web services to support data exchange in a pediatric critical care research network. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 1271-1276.	2.2	8
14	A system to build distributed multivariate models and manage disparate data sharing policies: implementation in the scalable national network for effectiveness research. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 1187-1195.	2.2	18
15	Publicly Available Data. Journal of the American College of Cardiology, 2015, 66, 1973-1975.	1.2	8
16	Trends in biomedical informatics: automated topic analysis of JAMIA articles. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 1153-1163.	2.2	16
17	Big Data: What Is It and What Does It Mean for Cardiovascular Research and Prevention Policy. Current Cardiovascular Risk Reports, 2015, 9, 1.	0.8	6
18	Comparative Effectiveness Research and Demonstrating Clinical Utility for Molecular Diagnostic Tests. Clinical Chemistry, 2015, 61, 142-144.	1.5	5

#	ARTICLE	IF	CITATIONS
19	Conceptual and practical foundations of patient engagement in research at the patient-centered outcomes research institute. <i>Quality of Life Research</i> , 2015, 24, 1033-1041.	1.5	202
20	Patient-Centered Outcomes in Dermatology. <i>Current Dermatology Reports</i> , 2015, 4, 15-19.	1.1	3
21	Big Data Infrastructure for Cancer Outcomes Research: Implications for the Practicing Oncologist. <i>Journal of Oncology Practice</i> , 2015, 11, 207-208.	2.5	7
22	Application of Machine Learning for Multicenter Learning. , 2015, , 71-97.		0
23	CER Hub: An informatics platform for conducting comparative effectiveness research using multi-institutional, heterogeneous, electronic clinical data. <i>International Journal of Medical Informatics</i> , 2015, 84, 763-773.	1.6	17
24	Transformative Changes to Embrace, Manage, and Exploit "Big Data", 2015, , 159-168.		1
25	Cardiovascular Drug Development. <i>Journal of the American College of Cardiology</i> , 2015, 65, 1567-1582.	1.2	168
26	Practical Clinical Trials in Psychopharmacology. <i>Journal of Clinical Psychopharmacology</i> , 2015, 35, 178-183.	0.7	5
27	The Patient-centered Outcomes Research Institute's Role in Advancing Methods for Patient-centered Outcomes Research. <i>Medical Care</i> , 2015, 53, 2-8.	1.1	24
28	Difference or Disparity. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2015, 8, S52-5.	0.9	15
29	Using e-technologies in clinical trials. <i>Contemporary Clinical Trials</i> , 2015, 45, 41-54.	0.8	124
30	Improving evidence developed from population-level experience with targeted agents. <i>Clinical Pharmacology and Therapeutics</i> , 2015, 97, 478-487.	2.3	4
31	Benefits of applying a proxy eligibility period when using electronic health records for outcomes research: a simulation study. <i>BMC Research Notes</i> , 2015, 8, 229.	0.6	9
32	Understanding Population Cardiovascular Health. <i>Circulation</i> , 2015, 132, 1303-1304.	1.6	5
34	Clinical Research Informatics for Big Data and Precision Medicine. <i>Yearbook of Medical Informatics</i> , 2016, 25, 211-218.	0.8	24
35	How Reliable are Patient-Reported Rehospitalizations? Implications for the Design of Future Practical Clinical Studies. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	11
36	Big Data Science and Its Applications in Health and Medical Research: Challenges and Opportunities. <i>Journal of Biometrics & Biostatistics</i> , 2016, 7, .	4.0	10
37	Integrated Data Repository Toolkit (IDRT). <i>Methods of Information in Medicine</i> , 2016, 55, 125-135.	0.7	27

#	ARTICLE	IF	CITATIONS
38	Why Most Clinical Research Is Not Useful. PLoS Medicine, 2016, 13, e1002049.	3.9	422
39	Patient-reported outcomes: pathways to better health, better services, and better societies. Quality of Life Research, 2016, 25, 1103-1112.	1.5	107
40	PheKB: a catalog and workflow for creating electronic phenotype algorithms for transportability. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 1046-1052.	2.2	284
41	Selecting and Integrating Data Sources in Benefit-Risk Assessment: Considerations and Future Directions. Statistics in Biopharmaceutical Research, 2016, 8, 394-403.	0.6	4
42	All together now: findings from a PCORI workshop to align patient-reported outcomes in the electronic health record. Journal of Comparative Effectiveness Research, 2016, 5, 561-567.	0.6	18
43	Denormalize and Delimit: How Not to Make Data Extraction for Analysis More Complex Than Necessary. Procedia Computer Science, 2016, 80, 1033-1041.	1.2	3
44	The Evidence Base for Health Information Exchange. , 2016, , 213-229.		4
45	Research Methods in Healthcare Epidemiology and Antimicrobial Stewardship: Use of Administrative and Surveillance Databases. Infection Control and Hospital Epidemiology, 2016, 37, 1278-1287.	1.0	16
46	International Collaborative Partnership for the Study of Atrial Fibrillation (INTERAF): Rationale, Design, and Initial Descriptives. Journal of the American Heart Association, 2016, 5, .	1.6	18
47	Estimating National Trends in Inpatient Antibiotic Use Among US Hospitals From 2006 to 2012. JAMA Internal Medicine, 2016, 176, 1639.	2.6	210
48	Report of a workshop on research gaps in the treatment of cerebral palsy. Neurology, 2016, 87, 1293-1298.	1.5	28
49	The ontology of medically related social entities: recent developments. Journal of Biomedical Semantics, 2016, 7, 47.	0.9	18
50	Diagnosis, misdiagnosis, lucky guess, hearsay, and more: an ontological analysis. Journal of Biomedical Semantics, 2016, 7, 54.	0.9	8
51	Clinical phenotyping in selected national networks: demonstrating the need for high-throughput, portable, and computational methods. Artificial Intelligence in Medicine, 2016, 71, 57-61.	3.8	84
52	A Changing Environment: 2016 NCSBN Environmental Scan. Journal of Nursing Regulation, 2016, 6, 4-37.	1.6	12
53	Preserving temporal relations in clinical data while maintaining privacy. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 1040-1045.	2.2	17
54	Ethics and Regulatory Challenges and Opportunities in Patient-Centered Comparative Effectiveness Research. Academic Medicine, 2016, 91, 455-457.	0.8	6
55	Facilitating biomedical researchers' interrogation of electronic health record data: Ideas from outside of biomedical informatics. Journal of Biomedical Informatics, 2016, 60, 376-384.	2.5	12

#	ARTICLE	IF	CITATIONS
56	Harnessing person-generated health data to accelerate patient-centered outcomes research: the Crohn's and Colitis Foundation of America PCORnet Patient Powered Research Network (CCFA) Tj ETQq0 0 0 rgeBT /Overlook 10 Tf 5		
57	Opportunities and challenges in developing risk prediction models with electronic health records data: a systematic review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 198-208.	2.2	569
58	Towards a privacy preserving cohort discovery framework for clinical research networks. <i>Journal of Biomedical Informatics</i> , 2017, 66, 42-51.	2.5	16
59	The Learning Healthcare System and Cardiovascular Care: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2017, 135, e826-e857.	1.6	87
60	Automated identification of implausible values in growth data from pediatric electronic health records. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 1080-1087.	2.2	64
61	Implementing Cardiovascular Risk Prediction in Clinical Practice: The Future Is Now. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	16
62	Streamlining cardiovascular clinical trials to improve efficiency and generalisability. <i>Heart</i> , 2017, 103, 1156-1162.	1.2	10
63	Patient engagement in patient-centered outcomes research: challenges, facilitators and actions to strengthen the field. <i>Journal of Comparative Effectiveness Research</i> , 2017, 6, 363-373.	0.6	21
64	A semantic interoperability approach to support integration of gene expression and clinical data in breast cancer. <i>Computers in Biology and Medicine</i> , 2017, 87, 179-186.	3.9	14
66	Reporting to Improve Reproducibility and Facilitate Validity Assessment for Healthcare Database Studies V1.0. <i>Value in Health</i> , 2017, 20, 1009-1022.	0.1	70
67	Using Information Technology to Improve the Quality of Pediatric Healthcare. <i>Current Treatment Options in Pediatrics</i> , 2017, 3, 386-394.	0.2	1
68	Patients, data, and progress in cancer care. <i>Lancet Oncology, The</i> , 2017, 18, e624-e625.	5.1	2
69	Applying Evidence From Clinical Trials: Need for Pediatric Learning Health System Research. <i>Pediatrics</i> , 2017, 140, e20173098.	1.0	1
70	Patient-Centered Network of Learning Health Systems: Developing a resource for clinical translational research. <i>Journal of Clinical and Translational Science</i> , 2017, 1, 40-44.	0.3	11
71	Reporting to Improve Reproducibility and Facilitate Validity Assessment for Healthcare Database Studies V1.0. <i>Pharmacoepidemiology and Drug Safety</i> , 2017, 26, 1018-1032.	0.9	126
72	Recruitment methods for survey research: Findings from the Mid-South Clinical Data Research Network. <i>Contemporary Clinical Trials</i> , 2017, 62, 50-55.	0.8	37
73	Physician scientists should learn how to program. <i>Journal of Investigative Medicine</i> , 2017, 65, e5-e5.	0.7	0
74	Modeling Flowsheet Data to Support Secondary Use. <i>CIN - Computers Informatics Nursing</i> , 2017, 35, 452-458.	0.3	15

#	ARTICLE	IF	CITATIONS
75	Pragmatic (trial) informatics: a perspective from the NIH Health Care Systems Research Collaboratory. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 996-1001.	2.2	35
76	Pharmacoepidemiology in the Era of Real-World Evidence. Current Epidemiology Reports, 2017, 4, 262-265.	1.1	6
77	Will electronic health record data become the standard resource for clinical research?. Family Practice, 2017, 34, 505-507.	0.8	3
78	Therapeutic indications and other use-case-driven updates in the drug ontology: anti-malarials, anti-hypertensives, opioid analgesics, and a large term request. Journal of Biomedical Semantics, 2017, 8, 10.	0.9	14
79	Templates as a method for implementing data provenance in decision support systems. Journal of Biomedical Informatics, 2017, 65, 1-21.	2.5	36
80	Electronic health records to facilitate clinical research. Clinical Research in Cardiology, 2017, 106, 1-9.	1.5	387
81	Representing Knowledge Consistently Across Health Systems. Yearbook of Medical Informatics, 2017, 26, 139-147.	0.8	40
82	Preliminary exploratory data analysis of simulated national clinical data research network for future use in annotation of a rare tumor biobanking initiative. , 2017, , .		2
83	The Patient-Centered Outcomes Research Institute. , 2017, , 71-89.		2
84	Dynamic-ETL: a hybrid approach for health data extraction, transformation and loading. BMC Medical Informatics and Decision Making, 2017, 17, 134.	1.5	35
85	Facilitative Components of Collaborative Learning: A Review of Nine Health Research Networks. Healthcare Policy, 2017, 12, 19-33.	0.3	11
86	Toward an Information Infrastructure for Global Health Improvement. Yearbook of Medical Informatics, 2017, 26, 16-23.	0.8	100
87	Cardiometabolic Risk Factors Among 1.3 Million Adults With Overweight or Obesity, but Not Diabetes, in 10 Geographically Diverse Regions of the United States, 2012â€“2013. Preventing Chronic Disease, 2017, 14, E22.	1.7	28
88	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
89	The hope, hype and reality of Big Data for pharmacovigilance. Therapeutic Advances in Drug Safety, 2018, 9, 5-11.	1.0	31
90	Enabling Open-Science Initiatives in Clinical Psychology and Psychiatry Without Sacrificing Patientsâ€™ Privacy: Current Practices and Future Challenges. Advances in Methods and Practices in Psychological Science, 2018, 1, 104-114.	5.4	26
91	Perfectly Secure and Efficient Two-Party Electronic-Health-Record Linkage. IEEE Internet Computing, 2018, 22, 32-41.	3.2	18
92	Big data from electronic health records for early and late translational cardiovascular research: challenges and potential. European Heart Journal, 2018, 39, 1481-1495.	1.0	163

#	ARTICLE	IF	CITATIONS
93	Exploring completeness in clinical data research networks with DQe-c. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 17-24.	2.2	17
94	Willingness to participate in weight-related research as reported by patients in PCORnet clinical data research networks. BMC Obesity, 2018, 5, 10.	3.1	9
95	Leveraging electronic health records for clinical research. American Heart Journal, 2018, 202, 13-19.	1.2	36
96	A Novel Patient Recruitment Strategy: Patient Selection Directly from the Community through Linkage to Clinical Data. Applied Clinical Informatics, 2018, 09, 114-121.	0.8	17
97	PCORnet Antibiotics and Childhood Growth Study: Process for Cohort Creation and Cohort Description. Academic Pediatrics, 2018, 18, 569-576.	1.0	18
98	Building a Bridge Between Genetics and Outcomes Research: Application in Autism (The AutGO Study). Patient, 2018, 11, 451-462.	1.1	3
99	Healthcare utilization and expenditures for United States Medicare beneficiaries with systemic vasculitis. Seminars in Arthritis and Rheumatism, 2018, 47, 507-519.	1.6	6
100	Methods for examining data quality in healthcare integrated data repositories. , 2018, , .		10
101	A proposed approach to accelerate evidence generation for genomic-based technologies in the context of a learning health system. Genetics in Medicine, 2018, 20, 390-396.	1.1	20
102	A Query Workflow Design to Perform Automatable Distributed Regression Analysis in Large Distributed Data Networks. EGEMS (Washington, DC), 2018, 6, 11.	2.0	16
103	An Architecture for Translational Cancer Research As Exemplified by the German Cancer Consortium. JCO Clinical Cancer Informatics, 2018, 2, 1-8.	1.0	19
104	Patient-Centered Outcomes Research: Stakeholder Perspectives and Ethical and Regulatory Oversight Issues. IRB: Ethics & Human Research, 2018, 40, 7-17.	0.8	15
105	Building Meaningful Patient Engagement in Research. Medical Care, 2018, 56, S58-S63.	1.1	15
106	Comparative Effectiveness and Safety of Bariatric Procedures for Weight Loss. Annals of Internal Medicine, 2018, 169, 741.	2.0	210
107	Annotating Cohort Data Elements with OHDSI Common Data Model to Promote Research Reproducibility. , 2018, , .		0
108	Patient informaticians: Turning patient voice into patient action. JAMIA Open, 2018, 1, 130-135.	1.0	14
109	The nature and scope of patient-sharing network research: a novel, important area for network science. Translational Behavioral Medicine, 2018, 8, 626-628.	1.2	4
110	Needs Assessment for Weight Management: The Learning Health System Network Experience. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2018, 2, 324-335.	1.2	8

#	ARTICLE	IF	CITATIONS
111	Privacy Policy and Technology in Biomedical Data Science. Annual Review of Biomedical Data Science, 2018, 1, 115-129.	2.8	28
112	Comparison of privacy-protecting analytic and data-sharing methods: A simulation study. Pharmacoepidemiology and Drug Safety, 2018, 27, 1034-1041.	0.9	13
113	German Medical Informatics Initiative. Methods of Information in Medicine, 2018, 57, e50-e56.	0.7	131
114	How Routinely Collected Data for Randomized Trials Provide Long-term Randomized Real-World Evidence. JAMA Network Open, 2018, 1, e186014.	2.8	20
115	Combining distributed regression and propensity scores: a doubly privacy-protecting analytic method for multicenter research. Clinical Epidemiology, 2018, Volume 10, 1773-1786.	1.5	13
116	Accrual to Clinical Trials (ACT): A Clinical and Translational Science Award Consortium Network. JAMIA Open, 2018, 1, 147-152.	1.0	78
117	Identifying heart failure using EMR-based algorithms. International Journal of Medical Informatics, 2018, 120, 1-7.	1.6	28
118	Patient engagement in type 2 diabetes mellitus research: what patients want. Patient Preference and Adherence, 2018, Volume 12, 595-606.	0.8	15
119	Early Antibiotic Exposure and Weight Outcomes in Young Children. Pediatrics, 2018, 142, .	1.0	59
120	PCORnet's Collaborative Research Groups. Patient Related Outcome Measures, 2018, Volume 9, 91-95.	0.7	22
121	SNOMED CT Concept Hierarchies for Sharing Definitions of Clinical Conditions Using Electronic Health Record Data. Applied Clinical Informatics, 2018, 09, 667-682.	0.8	31
122	Innovation at the Intersection of Clinical Trials and Real-World Data Science to Advance Patient Care. Clinical and Translational Science, 2018, 11, 450-460.	1.5	45
123	Creating Strategic Business Value from Big Data Analytics: A Research Framework. Journal of Management Information Systems, 2018, 35, 388-423.	2.1	488
124	Turning Data Into Information. Archives of Physical Medicine and Rehabilitation, 2018, 99, 1226-1231.	0.5	11
125	Accuracy of the medication list in the electronic health record—implications for care, research, and improvement. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 909-912.	2.2	16
126	Hypertension in Florida: Data From the OneFlorida Clinical Data Research Network. Preventing Chronic Disease, 2018, 15, E27.	1.7	15
127	Trends in antifungal use in US hospitals, 2006–12. Journal of Antimicrobial Chemotherapy, 2018, 73, 2867-2875.	1.3	39
128	Utilizing Big Data in Cancer Care. Surgical Oncology Clinics of North America, 2018, 27, 641-652.	0.6	12

#	ARTICLE	IF	CITATIONS
129	Methods for Evaluating Natural Experiments in Obesity. <i>Annals of Internal Medicine</i> , 2018, 168, 791-800.	2.0	18
130	Big Data as a Driver for Clinical Decision Support Systems: A Learning Health Systems Perspective. <i>Frontiers in Digital Humanities</i> , 2018, 5, .	1.2	27
131	Characterization of adult obesity in Florida using the OneFlorida clinical research consortium. <i>Obesity Science and Practice</i> , 2018, 4, 308-317.	1.0	14
132	MIRACUM: Medical Informatics in Research and Care in University Medicine. <i>Methods of Information in Medicine</i> , 2018, 57, e82-e91.	0.7	84
133	Evaluating Health Technology Through Pragmatic Trials. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 137.	3.8	19
134	Oh, the Places Weâ€™ll Go: Patient-Reported Outcomes and Electronic Health Records. <i>Patient</i> , 2018, 11, 591-598.	1.1	93
135	Swiss Learning Health System: A national initiative to establish learning cycles for continuous health system improvement. <i>Learning Health Systems</i> , 2018, 2, e10059.	1.1	18
136	Comparative effectiveness of bariatric procedures among adolescents: the PCORnet bariatric study. <i>Surgery for Obesity and Related Diseases</i> , 2018, 14, 1374-1386.	1.0	71
137	The US Food and Drug Administrationâ€™s expedited approval programs: Evidentiary standards, regulatory trade-offs, and potential improvements. <i>Clinical Trials</i> , 2018, 15, 219-229.	0.7	38
138	iT2DMS: a Standard-Based Diabetic Disease Data Repository and its Pilot Experiment on Diabetic Retinopathy Phenotyping and Examination Results Integration. <i>Journal of Medical Systems</i> , 2018, 42, 131.	2.2	3
139	Enhancing Clinical Data and Clinical Research Data with Biomedical Ontologies - Insights from the Knowledge Representation Perspective. <i>Yearbook of Medical Informatics</i> , 2019, 28, 140-151.	0.8	10
140	Facilitating phenotype transfer using a common data model. <i>Journal of Biomedical Informatics</i> , 2019, 96, 103253.	2.5	49
141	The Generalized Data Model for clinical research. <i>BMC Medical Informatics and Decision Making</i> , 2019, 19, 117.	1.5	13
142	Racial differences in two measures of trust in biomedical research. <i>Journal of Clinical and Translational Science</i> , 2019, 3, 113-119.	0.3	7
143	Feasibility of Using Real-World Data to Replicate Clinical Trial Evidence. <i>JAMA Network Open</i> , 2019, 2, e1912869.	2.8	167
144	Transparent Reporting on Research Using Unstructured Electronic Health Record Data to Generate â€œReal Worldâ€™ Evidence of Comparative Effectiveness and Safety. <i>Drug Safety</i> , 2019, 42, 1297-1309.	1.4	13
145	Visual Analysis of High-Dimensional Event Sequence Data via Dynamic Hierarchical Aggregation. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2019, 26, 1-1.	2.9	13
146	Hopeful and Concerned: Public Input on Building a Trustworthy Medical Information Commons. <i>Journal of Law, Medicine and Ethics</i> , 2019, 47, 70-87.	0.4	15

#	ARTICLE	IF	CITATIONS
147	Big Data for Nutrition Research in Pediatric Oncology: Current State and Framework for Advancement. <i>Journal of the National Cancer Institute Monographs</i> , 2019, 2019, 127-131.	0.9	6
148	A Generic Method and Implementation to Evaluate and Improve Data Quality in Distributed Research Networks. <i>Methods of Information in Medicine</i> , 2019, 58, 086-093.	0.7	15
149	Strengthening the Evidence Base for Pediatric Medical Devices Using Real-World Data. <i>Journal of Pediatrics</i> , 2019, 214, 209-211.	0.9	13
150	Maternal antibiotic use during pregnancy and childhood obesity at age 5 years. <i>International Journal of Obesity</i> , 2019, 43, 1202-1209.	1.6	23
151	Performance of a computable phenotype for identification of patients with diabetes within PCORnet: The Patient-Centered Clinical Research Network. <i>Pharmacoepidemiology and Drug Safety</i> , 2019, 28, 632-639.	0.9	18
152	A rule-based semantic approach for data integration, standardization and dimensionality reduction utilizing the UMLS: Application to predicting bariatric surgery outcomes. <i>Computers in Biology and Medicine</i> , 2019, 106, 84-90.	3.9	13
153	Robust clinical marker identification for diabetic kidney disease with ensemble feature selection. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 242-253.	2.2	49
154	Does an interactive trust-enhanced electronic consent improve patient experiences when asked to share their health records for research? A randomized trial. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 620-629.	2.2	21
155	A Multifaceted Intervention Improves Prescribing for Acute Respiratory Infection for Adults and Children in Emergency Department and Urgent Care Settings. <i>Academic Emergency Medicine</i> , 2019, 26, 719-731.	0.8	55
156	Assessing the Safety of Direct-Acting Antiviral Agents for Hepatitis C. <i>JAMA Network Open</i> , 2019, 2, e194765.	2.8	37
157	Engaging patients, clinicians, and the community in a Clinical Data Research Network: Lessons learned from the CAPriCORN CDRN. <i>Learning Health Systems</i> , 2019, 3, e10079.	1.1	7
159	The REDCap consortium: Building an international community of software platform partners. <i>Journal of Biomedical Informatics</i> , 2019, 95, 103208.	2.5	11,010
160	Data linkages between patient-powered research networks and health plans: a foundation for collaborative research. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 594-602.	2.2	14
161	Collaborating on Data, Science, and Infrastructure: The 20-Year Journey of the Cancer Research Network. <i>EGEMS (Washington, DC)</i> , 2019, 7, 7.	2.0	6
162	Advances in the Use of Real-World Evidence for Medical Devices: An Update From the National Evaluation System for Health Technology. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 106, 30-33.	2.3	22
163	A federated EHR network data completeness tracking system. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 637-645.	2.2	15
164	Cross-Network Directory Service: Infrastructure to enable collaborations across distributed research networks. <i>Learning Health Systems</i> , 2019, 3, e10187.	1.1	3
165	Improving pragmatic clinical trial design using real-world data. <i>Clinical Trials</i> , 2019, 16, 273-282.	0.7	16

#	ARTICLE	IF	CITATIONS
166	Bioinformatics and Drug Discovery. <i>Methods in Molecular Biology</i> , 2019, , .	0.4	2
167	Text Mining for Drug Discovery. <i>Methods in Molecular Biology</i> , 2019, 1939, 231-252.	0.4	30
168	You Donâ€™t Know What You Donâ€™t Know: Using Nominal Group Technique to Identify and Prioritize Education Topics for Regional Hospitals. <i>Hospital Pediatrics</i> , 2019, 9, 300-304.	0.6	2
169	Incorporating a location-based socioeconomic index into a de-identified i2b2 clinical data warehouse. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 286-293.	2.2	9
171	Knowledge Representation and Ontologies. <i>Computers in Health Care</i> , 2019, , 313-339.	0.2	7
172	The Future of Registries in the Era of Real-world Evidence for Medical Devices. <i>JAMA Cardiology</i> , 2019, 4, 197.	3.0	14
173	Mediating knowledge across health ecosystems: a qualitative field study. <i>Measuring Business Excellence</i> , 2019, 24, 52-68.	1.4	1
176	The promise and perils of â€˜Big Dataâ€™: focus on spondyloarthritis. <i>Current Opinion in Rheumatology</i> , 2019, 31, 355-361.	2.0	1
179	Inverse Association Between HDL (High-Density Lipoprotein) Cholesterol and Stroke Risk Among Patients With Type 2 Diabetes Mellitus. <i>Stroke</i> , 2019, 50, 291-297.	1.0	27
180	Multidisciplinary data infrastructures in multiple sclerosis: Why they are needed and can be done!. <i>Multiple Sclerosis Journal</i> , 2019, 25, 500-509.	1.4	9
181	Lessons from metaâ€‘analyses of randomized clinical trials for analysis of distributed networks of observational databases. <i>Pharmaceutical Statistics</i> , 2019, 18, 65-77.	0.7	9
182	PaTH to partnership in stakeholder-engaged research: A framework for stakeholder engagement in the PaTH to Health Diabetes study. <i>Healthcare</i> , 2020, 8, 100361.	0.6	12
183	Association between Body Mass Index and Stroke Risk Among Patients with Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 96-105.	1.8	26
184	Privacy-protecting multivariable-adjusted distributed regression analysis for multi-center pediatric study. <i>Pediatric Research</i> , 2020, 87, 1086-1092.	1.1	10
185	The Genomics Research and Innovation Network: creating an interoperable, federated, genomics learning system. <i>Genetics in Medicine</i> , 2020, 22, 371-380.	1.1	30
186	The Patient-Centered Outcomes Research Network Antibiotics and Childhood Growth Study: Implementing Patient Data Linkage. <i>Population Health Management</i> , 2020, 23, 438-444.	0.8	6
187	Artificial intelligence approaches using natural language processing to advance EHR-based clinical research. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 463-469.	1.5	142
188	Perspective on the Development of a Large-Scale Clinical Data Repository for Pediatric Hearing Research. <i>Ear and Hearing</i> , 2020, 41, 231-238.	1.0	3

#	ARTICLE	IF	CITATIONS
189	Democratizing EHR analyses with FIDDLE: a flexible data-driven preprocessing pipeline for structured clinical data. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 1921-1934.	2.2	39
190	A novel tool for standardizing clinical data in a semantically rich model. <i>Journal of Biomedical Informatics</i> , 2020, 112, 100086.	2.5	11
191	PROVIDE-HF primary results: Patient-Reported Outcomes in Investigation following Initiation of Drug therapy with Entresto (sacubitril/valsartan) in heart failure. <i>American Heart Journal</i> , 2020, 230, 35-43.	1.2	8
192	Context and Approach in Reporting Evaluations of Electronic Health Record-Based Implementation Projects. <i>Annals of Internal Medicine</i> , 2020, 172, S73-S78.	2.0	9
193	Cross-site transportability of an explainable artificial intelligence model for acute kidney injury prediction. <i>Nature Communications</i> , 2020, 11, 5668.	5.8	59
194	Predicting the course of nutrition and lung disease in infants and children with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2020, 19, 847-849.	0.3	0
195	Learning from local to global: An efficient distributed algorithm for modeling time-to-event data. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 1028-1036.	2.2	46
196	Weight status and associated comorbidities in children and adults with Down syndrome, autism spectrum disorder and intellectual and developmental disabilities. <i>Journal of Intellectual Disability Research</i> , 2020, 64, 725-737.	1.2	38
197	Electronic health data quality maturity model for medical device evaluations. <i>BMJ Surgery, Interventions, and Health Technologies</i> , 2020, 2, e000043.	0.6	2
198	Artificial intelligence in COVID-19 drug repurposing. <i>The Lancet Digital Health</i> , 2020, 2, e667-e676.	5.9	349
199	International electronic health record-derived COVID-19 clinical course profiles: the 4CE consortium. <i>Npj Digital Medicine</i> , 2020, 3, 109.	5.7	128
200	Using Electronic Health Record Data to Support Research and Quality Improvement: Practical Guidance from a Qualitative Investigation. <i>ACI Open</i> , 2020, 04, e91-e101.	0.2	1
201	Piloting a model-to-data approach to enable predictive analytics in health care through patient mortality prediction. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 1393-1400.	2.2	6
202	Toward cross-platform electronic health record-driven phenotyping using Clinical Quality Language. <i>Learning Health Systems</i> , 2020, 4, e10233.	1.1	17
203	Optimizing identification of resistant hypertension: Computable phenotype development and validation. <i>Pharmacoepidemiology and Drug Safety</i> , 2020, 29, 1393-1401.	0.9	12
204	Diabetes medication regimens and patient clinical characteristics in the national patient-centered clinical research network, PCORnet. <i>Pharmacology Research and Perspectives</i> , 2020, 8, e00637.	1.1	8
205	Modeling the future of cancer registration and research: The Martinique Cancer Data Hub Platform. <i>Journal of Global Health</i> , 2020, 10, 020352.	1.2	1
206	Pediatric accountable health communities: Insights on needed capabilities and potential solutions. <i>Healthcare</i> , 2020, 8, 100481.	0.6	4

#	ARTICLE	IF	CITATIONS
207	Scale-up of the Accrual to Clinical Trials (ACT) network across the Clinical and Translational Science Award Consortium: a mixed-methods evaluation of the first 18 months. <i>Journal of Clinical and Translational Science</i> , 2020, 4, 515-528.	0.3	9
208	Exploration of PCORnet Data Resources for Assessing Use of Molecular-Guided Cancer Treatment. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 724-735.	1.0	8
209	Ontologies as nested facet systems for human-data interaction. <i>Semantic Web</i> , 2020, 11, 79-86.	1.1	6
210	Practical use of electronic health records among patients with diabetes in scientific research. <i>Chinese Medical Journal</i> , 2020, 133, 1224-1230.	0.9	1
211	Harnessing health plan enrollee data to boost membership in patient-powered research networks. <i>BMC Health Services Research</i> , 2020, 20, 462.	0.9	2
212	Generating comparative evidence on new drugs and devices after approval. <i>Lancet, The</i> , 2020, 395, 998-1010.	6.3	52
214	The PCORnet Blood Pressure Control Laboratory. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020, 13, e006115.	0.9	16
215	Rationale and Design of the Aspirin Dosing-A Patient-Centric Trial Assessing Benefits and Long-term Effectiveness (ADAPTABLE) Trial. <i>JAMA Cardiology</i> , 2020, 5, 598.	3.0	59
216	Effectiveness of sodium-glucose cotransporter-2 inhibitors on ischaemic heart disease. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 1197-1206.	2.2	6
217	Comparing the 5-Year Diabetes Outcomes of Sleeve Gastrectomy and Gastric Bypass. <i>JAMA Surgery</i> , 2020, 155, e200087.	2.2	138
218	Association between Hemoglobin A1c and Stroke Risk in Patients with Type 2 Diabetes. <i>Journal of Stroke</i> , 2020, 22, 87-98.	1.4	13
219	Identification of Patients with Heart Failure in Large Datasets. <i>Heart Failure Clinics</i> , 2020, 16, 379-386.	1.0	3
220	Privacy-preserving model learning on a blockchain network-of-networks. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 343-354.	2.2	36
221	Disease Severity and Quality of Life in Patients With Idiopathic Pulmonary Fibrosis. <i>Chest</i> , 2020, 157, 1188-1198.	0.4	21
222	Using a health information technology survey to explore the availability of addiction treatment data in the electronic health records: A National Drug Abuse Treatment Clinical Trials Network study. <i>Journal of Substance Abuse Treatment</i> , 2020, 112, 56-62.	1.5	5
223	Using and improving distributed data networks to generate actionable evidence: the case of real-world outcomes in the Food and Drug Administration's Sentinel system. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 793-797.	2.2	24
224	The National COVID Cohort Collaborative (N3C): Rationale, design, infrastructure, and deployment. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 427-443.	2.2	342
225	Racial Disparities in End-of-Life Care Between Black and White Adults With Metastatic Cancer. <i>Journal of Pain and Symptom Management</i> , 2021, 61, 342-349.e1.	0.6	24

#	ARTICLE	IF	CITATIONS
226	Application of machine learning to the prediction of postoperative sepsis after appendectomy. Surgery, 2021, 169, 671-677.	1.0	15
227	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.	2.2	33
228	PCORnet [®] 2020: current state, accomplishments, and future directions. Journal of Clinical Epidemiology, 2021, 129, 60-67.	2.4	98
229	Association between visit-to-visit HbA1c variability and the risk of cardiovascular disease in patients with type 2 diabetes. Diabetes, Obesity and Metabolism, 2021, 23, 125-135.	2.2	20
230	Integrating the patient voice into pharmacoepidemiology research on the benefits and harms of medication. Zeitschrift Fur Gesundheitswissenschaften, 2022, 30, 2963-2969.	0.8	1
231	The OneFlorida Data Trust: a centralized, translational research data infrastructure of statewide scope. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 686-693.	2.2	24
232	Privacy-Preserving Collective Learning With Homomorphic Encryption. IEEE Access, 2021, 9, 132084-132096.	2.6	12
233	The Role of HIV Infection in the Clinical Spectrum of COVID-19: A Population-Based Cohort Analysis Based on US National COVID Cohort Collaborative (N3C) Enclave Data. SSRN Electronic Journal, 0, , .	0.4	1
234	Enhancing the use of EHR systems for pragmatic embedded research: lessons from the NIH Health Care Systems Research Collaboratory. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 2626-2640.	2.2	19
235	OUP accepted manuscript. Journal of the American Medical Informatics Association: JAMIA, 2021, , .	2.2	1
236	Streamlining the institutional review board process in pragmatic randomized clinical trials: challenges and lessons learned from the Aspirin Dosing: A Patient-centric Trial Assessing Benefits and Long-Term Effectiveness (ADAPTABLE) trial. Trials, 2021, 22, 90.	0.7	9
237	Distributed research networks and applications to pragmatic randomized trials. , 2021, , 237-256.		0
238	Clinical Research Informatics. , 2021, , 913-940.		1
240	Electronic Health Records: The Signal and the Noise. Medical Decision Making, 2021, 41, 103-106.	1.2	5
242	Can decision support combat incompleteness and bias in routine primary care data?. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1461-1467.	2.2	13
243	Patient-Powered Research Networks of the Autoimmune Research Collaborative: Rationale, Capacity, and Future Directions. Patient, 2021, 14, 699-710.	1.1	13
244	A Bitemporal SQL Database Design Method from the Enhanced Entity-Relationship Model. , 2021, , .		1
246	Development of a Coronavirus Disease 2019 (COVID-19) Application Ontology for the Accrual to Clinical Trials (ACT) network. JAMIA Open, 2021, 4, ooab036.	1.0	11

#	ARTICLE	IF	CITATIONS
247	Central Nervous System Manifestations of COVID-19: A Critical Review and Proposed Research Agenda. <i>Journal of the International Neuropsychological Society</i> , 2022, 28, 311-325.	1.2	11
248	Automatable Distributed Regression Analysis of Vertically Partitioned Data Facilitated by PopMedNet: Feasibility and Enhancement Study. <i>JMIR Medical Informatics</i> , 2021, 9, e21459.	1.3	1
249	CREATE: A New Data Resource to Support Cardiac Precision Health. <i>CJC Open</i> , 2021, 3, 639-645.	0.7	6
251	<i>dxpr</i> : an R package for generating analysis-ready data from electronic health recordsâ€™ diagnoses and procedures. <i>PeerJ Computer Science</i> , 2021, 7, e520.	2.7	2
252	Patient Recruitment Into a Multicenter Clinical Cohort Linking Electronic Health Records From 5 Health Systems: Cross-sectional Analysis. <i>Journal of Medical Internet Research</i> , 2021, 23, e24003.	2.1	12
253	Variability in comorbidities and health services use across homeless typologies: multicenter data linkage between healthcare and homeless systems. <i>BMC Public Health</i> , 2021, 21, 917.	1.2	9
254	Big Data in Nephrology. <i>Nature Reviews Nephrology</i> , 2021, 17, 676-687.	4.1	10
255	Learning health systems in primary care: a systematic scoping review. <i>BMC Family Practice</i> , 2021, 22, 126.	2.9	15
256	Do Clinical Trials Meet Current Care Needs? Views of Digestive Oncology Specialists in Galicia (Spain) Using the Delphi Method. <i>Healthcare (Switzerland)</i> , 2021, 9, 665.	1.0	0
257	Electronic Medical Record Risk Modeling of Cardiovascular Outcomes Among Patients with Type 2 Diabetes. <i>Diabetes Therapy</i> , 2021, 12, 2007-2017.	1.2	2
259	Opportunities and challenges in translational science. <i>Clinical and Translational Science</i> , 2021, 14, 1629-1647.	1.5	59
260	Testing the Use of Data Drawn from the Electronic Health Record to Compare Quality. <i>Pediatric Quality & Safety</i> , 2021, 6, e432.	0.4	2
261	Expected 10-anonymity of HyperLogLog sketches for federated queries of clinical data repositories. <i>Bioinformatics</i> , 2021, 37, i151-i160.	1.8	1
262	Ambient heat and stillbirth in Northern and Central Florida. <i>Environmental Research</i> , 2021, 199, 111262.	3.7	6
263	Joining Health Care and Homeless Data Systems Using Privacy-Preserving Record-Linkage Software. <i>American Journal of Public Health</i> , 2021, 111, 1400-1403.	1.5	2
264	A Governance Framework to Integrate Longitudinal Clinical and Community Data in a Distributed Data Network: The Childhood Obesity Data Initiative. <i>Journal of Public Health Management and Practice</i> , 2022, 28, E421-E429.	0.7	1
265	The Childhood Obesity Data Initiative. <i>Journal of Public Health Management and Practice</i> , 2021, Publish Ahead of Print, .	0.7	3
266	Infrastructuring an organizational node for a federated research and data network: A case study from a sociotechnical perspective. <i>Journal of Clinical and Translational Science</i> , 2021, 5, e186.	0.3	0

#	ARTICLE	IF	CITATIONS
267	Validating a Computable Phenotype for Nephrotic Syndrome in Children and Adults Using PCORnet Data. <i>Kidney360</i> , 2021, 2, 1979-1986.	0.9	6
268	Development of preclinical and clinical models for immune-related adverse events following checkpoint immunotherapy: a perspective from SITC and AACR. , 2021, 9, e002627.		15
269	Synergies between centralized and federated approaches to data quality: a report from the national COVID cohort collaborative. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 609-618.	2.2	39
270	Artificial Intelligence and Mapping a New Direction in Laboratory Medicine: A Review. <i>Clinical Chemistry</i> , 2021, 67, 1466-1482.	1.5	24
271	Optimizing Identification of People Living with HIV from Electronic Medical Records: Computable Phenotype Development and Validation. <i>Methods of Information in Medicine</i> , 2021, 60, 084-094.	0.7	2
272	Design of the Healthcare Worker Exposure Response and Outcomes (HERO) research platform. <i>Contemporary Clinical Trials</i> , 2021, 109, 106525.	0.8	3
273	Landscape of biomedical informatics standards and terminologies for clinical sleep medicine research: A systematic review. <i>Sleep Medicine Reviews</i> , 2021, 60, 101529.	3.8	6
274	Environmental effects on acute exacerbations of respiratory diseases: A real-world big data study. <i>Science of the Total Environment</i> , 2022, 806, 150352.	3.9	4
275	Evaluating Completeness of Discrete Data on Physical Functioning for Children With Cerebral Palsy in a Pediatric Rehabilitation Learning Health System. <i>Physical Therapy</i> , 2022, 102, .	1.1	3
276	An atomic approach to the design and implementation of a research data warehouse. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 601-608.	2.2	11
277	Machine learning for predictive analytics. , 2021, , 45-69.		1
278	Pragmatic Trials and New Informatics Methods to Supplement or Replace Phase IV Trials. <i>Computers in Health Care</i> , 2020, , 199-213.	0.2	1
280	Assessing Quality of Surgical Real-World Data from an Automated Electronic Health Record Pipeline. <i>Journal of the American College of Surgeons</i> , 2020, 230, 295-305e12.	0.2	7
281	Clinical code set engineering for reusing EHR data for research: A review. <i>Journal of Biomedical Informatics</i> , 2017, 70, 1-13.	2.5	39
282	Insights Into Conducting Audiological Research With Clinical Databases. <i>American Journal of Audiology</i> , 2020, 29, 676-681.	0.5	8
288	Electronic Medical Record Search Engine (EMERSE): An Information Retrieval Tool for Supporting Cancer Research. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 454-463.	1.0	21
289	Methods in Comparative Effectiveness Research. , 0, , .		7
290	Creating Value: Unifying Silos into Public Health Business Intelligence. <i>EGEMS (Washington, DC)</i> , 2017, 2, 8.	2.0	5

#	ARTICLE	IF	CITATIONS
291	Bidirectional Data Collaborations in Distributed Research. EGEMS (Washington, DC), 2017, 4, 1.	2.0	9
292	Software-Enabled Distributed Network Governance: The PopMedNet Experience. EGEMS (Washington, DC), 2017, 4, 2.	2.0	28
293	A Framework to Support the Sharing and Re-Use of Computable Phenotype Definitions Across Health Care Delivery and Clinical Research Applications. EGEMS (Washington, DC), 2017, 4, 2.	2.0	33
294	Leveraging a Statewide Clinical Data Warehouse to Expand Boundaries of the Learning Health System. EGEMS (Washington, DC), 2017, 4, 25.	2.0	19
295	Leading causes of cardiovascular hospitalization in 8.45 million US veterans. PLoS ONE, 2018, 13, e0193996.	1.1	27
296	Use of Electronic Health Records to Develop and Implement a Silent Best Practice Alert Notification System for Patient Recruitment in Clinical Research: Quality Improvement Initiative. JMIR Medical Informatics, 2019, 7, e10020.	1.3	12
297	Consumer-Mediated Data Exchange for Research: Current State of US Law, Technology, and Trust. JMIR Medical Informatics, 2019, 7, e12348.	1.3	5
298	Developing a Standardization Algorithm for Categorical Laboratory Tests for Clinical Big Data Research: Retrospective Study. JMIR Medical Informatics, 2019, 7, e14083.	1.3	12
299	Optimizing Antihypertensive Medication Classification in Electronic Health Record-Based Data: Classification System Development and Methodological Comparison. JMIR Medical Informatics, 2020, 8, e14777.	1.3	12
300	Distributed Regression Analysis Application in Large Distributed Data Networks: Analysis of Precision and Operational Performance. JMIR Medical Informatics, 2020, 8, e15073.	1.3	5
301	Fast Healthcare Interoperability Resources (FHIR) as a Meta Model to Integrate Common Data Models: Development of a Tool and Quantitative Validation Study. JMIR Medical Informatics, 2019, 7, e15199.	1.3	50
302	Balancing Accuracy and Privacy in Federated Queries of Clinical Data Repositories: Algorithm Development and Validation. Journal of Medical Internet Research, 2020, 22, e18735.	2.1	6
303	Prevalence of Multiple Chronic Conditions Among Older Adults in Florida and the United States: Comparative Analysis of the OneFlorida Data Trust and National Inpatient Sample. Journal of Medical Internet Research, 2018, 20, e137.	2.1	50
304	Identifying Unmet Treatment Needs for Patients With Osteoporotic Fracture: Feasibility Study for an Electronic Clinical Surveillance System. Journal of Medical Internet Research, 2018, 20, e142.	2.1	5
305	Outcomes From Health Information Exchange: Systematic Review and Future Research Needs. JMIR Medical Informatics, 2015, 3, e39.	1.3	102
306	Privacy-Preserving Patient Similarity Learning in a Federated Environment: Development and Analysis. JMIR Medical Informatics, 2018, 6, e20.	1.3	112
307	A Roadmap for Optimizing Asthma Care Management via Computational Approaches. JMIR Medical Informatics, 2017, 5, e32.	1.3	15
308	The National Patient-Centered Clinical Research Network (PCORnet) Bariatric Study Cohort: Rationale, Methods, and Baseline Characteristics. JMIR Research Protocols, 2017, 6, e222.	0.5	37

#	ARTICLE	IF	CITATIONS
309	Integrating Research into Health Care Systems: Executives' Views. NAM Perspectives, 2015, 5, .	1.3	6
310	Patients as Research Partners; How to Value their Perceptions, Contribution and Labor?. Citizen Science: Theory and Practice, 2019, 4, .	0.6	45
311	Evaluating Foundational Data Quality in the National Patient-Centered Clinical Research Network (PCORnet®). EGEMS (Washington, DC), 2018, 6, 3.	2.0	65
312	A Comparison of Data Quality Assessment Checks in Six Data Sharing Networks. EGEMS (Washington,) Tj ETQq1 1,0,784314 rgBT/O	2.0	35
313	Comparing Prescribing and Dispensing Data of the PCORnet Common Data Model Within PCORnet Antibiotics and Childhood Growth Study. EGEMS (Washington, DC), 2019, 7, 11.	2.0	9
314	Applying a Commercialization-Readiness Framework to Optimize Value for Achieving Sustainability of an Electronic Health Data Research Network and Its Data Capabilities: The SAFTINet Experience. EGEMS (Washington, DC), 2019, 7, 48.	2.0	6
315	The Effective Sample Size of EHR-Derived Cohorts Under Biased Sampling. Emerging Topics in Statistics and Biostatistics, 2021, , 3-14.	0.1	0
316	Tracking Blood Pressure Control Performance and Process Metrics in 25 US Health Systems: The PCORnet Blood Pressure Control Laboratory. Journal of the American Heart Association, 2021, 10, e022224.	1.6	12
317	Comparing automated vs. manual data collection for COVID-specific medications from electronic health records. International Journal of Medical Informatics, 2022, 157, 104622.	1.6	11
319	An efficient and accurate distributed learning algorithm for modeling multi-site zero-inflated count outcomes. Scientific Reports, 2021, 11, 19647.	1.6	9
321	Review of Clinical Databases. , 2016, , 9-16.		3
322	Cohort restriction based on prior enrollment: Examining potential biases in estimating cancer and mortality risk. Observational Studies, 2016, 2, 51-64.	0.4	3
323	Informatics to Support Learning Networks and Distributed Research Networks. Translational Bioinformatics, 2016, , 179-201.	0.0	0
324	ROSE â€“ the learning health care system in the OsnabrÃ¼ck-Emsland / ROSE â€“ das lernende Gesundheitssystem in der Region OsnabrÃ¼ck-Emsland. International Journal of Health Professions, 2016, 3, 14-20.	0.3	0
325	Writing Your Grant for the Patient-Centered Outcomes Research Institute (PCORI). , 2017, , 451-457.		1
331	Big Data to Big Knowledge for Next Generation Medicine: A Data Science Roadmap. Studies in Big Data, 2018, , 371-399.	0.8	0
333	From Hospital Informatics Laboratories to National Data Networks: Positioning Academic Medical Centers to Advance Clinical Research. Merrill Series on the Research Mission of Public Universities, 0, , 12-26.	0.0	0
335	Applications of Natural Language Processing in Clinical Research and Practice. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
336	Future Directions in Clinical Research Informatics. Computers in Health Care, 2019, , 481-491.	0.2	0
338	Patient Engagement and Attitudes Toward Using the Electronic Medical Record for Medical Research: The 2015 Greater Plains Collaborative Health and Medical Research Family Survey. JMIR Research Protocols, 2019, 8, e11148.	0.5	1
339	Study on Diabetes Management using METABO on ICT. International Journal of Scientific Research in Computer Science Engineering and Information Technology, 2019, , 661-666.	0.2	0
341	A Data Element-Function Conceptual Model for Data Quality Checks. EGEMS (Washington, DC), 2019, 7, 17.	2.0	4
342	Co-Designing Learning Materials to Empower Laypersons to Better Understand Big Data and Big Data Methods. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2019, 21, 41-44.	3.2	1
346	Building Electronic Health Record Databases for Research. , 2020, , 55-64.		0
349	Deep Learning Techniques for Electronic Health Record (EHR) Analysis. Studies in Computational Intelligence, 2021, , 73-103.	0.7	7
352	Commentary on Professor Austin Bradford Hill's Alfred Watson Memorial Lecture. Statistics in Medicine, 2021, 40, 29-31.	0.8	0
353	Associations between the built environment and dietary intake, physical activity, and obesity: A scoping review of reviews. Obesity Reviews, 2021, 22, e13171.	3.1	74
354	The Biomedical Research Hub: a federated platform for patient research data. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 619-625.	2.2	5
355	Pragmatic Clinical Trials. Success in Academic Surgery, 2020, , 187-194.	0.1	1
356	Local and Regional Public Health Informatics. Computers in Health Care, 2020, , 369-391.	0.2	0
360	How High-Risk Comorbidities Co-Occur in Readmitted Patients With Hip Fracture: Big Data Visual Analytical Approach. JMIR Medical Informatics, 2020, 8, e13567.	1.3	12
362	Modeling Flowsheet Data for Clinical Research. AMIA Summits on Translational Science Proceedings, 2015, 2015, 77-81.	0.4	7
363	Cohort Selection and Management Application Leveraging Standards-based Semantic Interoperability and a Groovy DSL. AMIA Summits on Translational Science Proceedings, 2016, 2016, 25-32.	0.4	1
364	Leveraging Terminology Services for Extract-Transform-Load Processes: A User-Centered Approach. AMIA ... Annual Symposium proceedings, 2016, 2016, 1010-1019.	0.2	4
365	Facilitative Components of Collaborative Learning: A Review of Nine Health Research Networks. Healthcare Policy, 2017, 12, 19-33.	0.3	6
366	Cohort restriction based on prior enrollment: Examining potential biases in estimating cancer and mortality risk. , 2016, 2, 51-64.		1

#	ARTICLE	IF	CITATIONS
367	Feasibility of Homomorphic Encryption for Sharing I2B2 Aggregate-Level Data in the Cloud. AMIA Summits on Translational Science Proceedings, 2018, 2017, 176-185.	0.4	3
368	Real-World Evidence: Promise and Peril For Medical Product Evaluation. P and T, 2018, 43, 464-472.	1.0	19
369	Patient-Centered Outcomes Research: Stakeholder Perspectives and Ethical and Regulatory Oversight Issues. IRB: Ethics & Human Research, 2018, 40, 7-17.	0.8	6
370	Machine Learned Mapping of Local EHR Flowsheet Data to Standard Information Models using Topic Model Filtering. AMIA ... Annual Symposium proceedings, 2019, 2019, 504-513.	0.2	0
371	Enabling Privacy Preserving Record Linkage Systems Using Asymmetric Key Cryptography. AMIA ... Annual Symposium proceedings, 2019, 2019, 380-388.	0.2	3
372	Standardizing Clinical Diagnoses: Evaluating Alternate Terminology Selection. AMIA Summits on Translational Science Proceedings, 2020, 2020, 71-79.	0.4	1
373	Near Real Time EHR Data Utilization in a Clinical Study. Studies in Health Technology and Informatics, 2020, 270, 337-341.	0.2	1
374	A process to deduplicate individuals for regional chronic disease prevalence estimates using a distributed data network of electronic health records. Learning Health Systems, 2022, 6, e10297.	1.1	0
375	From Inception to ConcePTION: Genesis of a Network to Support Better Monitoring and Communication of Medication Safety During Pregnancy and Breastfeeding. Clinical Pharmacology and Therapeutics, 2022, 111, 321-331.	2.3	30
376	Data Integration Challenges for Machine Learning in Precision Medicine. Frontiers in Medicine, 2021, 8, 784455.	1.2	18
377	Under-specification as the source of ambiguity and vagueness in narrative phenotype algorithm definitions. BMC Medical Informatics and Decision Making, 2022, 22, 23.	1.5	1
378	Antibiotics prior to age 2 years have limited association with preschool growth trajectory. International Journal of Obesity, 2022, 46, 843-850.	1.6	0
380	Sleep and circadian informatics data harmonization: a workshop report from the Sleep Research Society and Sleep Research Network. Sleep, 2022, 45, .	0.6	8
381	Privacy-Preserving Federated Data Analysis: Data Sharing, Protection, and Bioethics in Healthcare. , 2022, , 135-172.		3
382	Preoperative Depression Status and 5 Year Metabolic and Bariatric Surgery Outcomes in the PCORnet Bariatric Study Cohort. Annals of Surgery, 2023, 277, 637-646.	2.1	1
383	Developing an ETL tool for converting the PCORnet CDM into the OMOP CDM to facilitate the COVID-19 data integration. Journal of Biomedical Informatics, 2022, 127, 104002.	2.5	9
384	Prevalence of Select New Symptoms and Conditions Among Persons Aged Younger Than 20 Years and 20 Years or Older at 31 to 150 Days After Testing Positive or Negative for SARS-CoV-2. JAMA Network Open, 2022, 5, e2147053.	2.8	33
385	Use of Lipid-, Blood Pressure- and Glucose-Lowering Pharmacotherapy in Patients With Type 2 Diabetes and Atherosclerotic Cardiovascular Disease. JAMA Network Open, 2022, 5, e2148030.	2.8	30

#	ARTICLE	IF	CITATIONS
386	Development of Food Allergy Data Dictionary: Toward a Food Allergy Data Commons. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2022, , .	2.0	2
387	Research data warehouse best practices: catalyzing national data sharing through informatics innovation. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 581-584.	2.2	3
388	A Roadmap for Boosting Model Generalizability for Predicting Hospital Encounters for Asthma. <i>JMIR Medical Informatics</i> , 2022, 10, e33044.	1.3	1
391	Applying computable phenotypes within a common data model to identify heart failure patients for an implantable cardiac device registry. <i>IJC Heart and Vasculature</i> , 2022, 39, 100974.	0.6	1
393	Enhancing PCORnet Clinical Research Network data completeness by integrating multistate insurance claims with electronic health records in a cloud environment aligned with CMS security and privacy requirements. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 660-670.	2.2	10
394	Hospital-acquired coronavirus disease 2019 (COVID-19) among patients of two acute-care hospitals: Implications for surveillance. <i>Infection Control and Hospital Epidemiology</i> , 2022, 43, 1761-1766.	1.0	3
395	Mapping Cancer Registry Data to the Episode Domain of the Observational Medical Outcomes Partnership Model (OMOP). <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4010.	1.3	7
396	ODACH: a one-shot distributed algorithm for Cox model with heterogeneous multi-center data. <i>Scientific Reports</i> , 2022, 12, 6627.	1.6	9
399	Federated Learning for Electronic Health Records. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2022, 13, 1-17.	2.9	27
400	Iterative approaches to the use of electronic health records data for large pragmatic studies. <i>Contemporary Clinical Trials</i> , 2022, 117, 106789.	0.8	1
401	The <sc>SHOnet</sc> learning health system: Infrastructure for continuous learning in pediatric rehabilitation. <i>Learning Health Systems</i> , 0, , .	1.1	1
402	Profiling real-world data sources for pharmacoepidemiologic research: A call for papers. <i>Pharmacoepidemiology and Drug Safety</i> , 2022, 31, 929-931.	0.9	1
405	Electronic Health Record-Based Recruitment and Retention and Mobile Health App Usage: Multisite Cohort Study. <i>Journal of Medical Internet Research</i> , 2022, 24, e34191.	2.1	12
406	Distributed learning for heterogeneous clinical data with application to integrating COVID-19 data across 230 sites. <i>Npj Digital Medicine</i> , 2022, 5, .	5.7	8
407	Machine learning for improving high-dimensional proxy confounder adjustment in healthcare database studies: An overview of the current literature. <i>Pharmacoepidemiology and Drug Safety</i> , 2022, 31, 932-943.	0.9	5
408	Cloud-IIoT-Based Electronic Health Record Privacy-Preserving by CNN and Blockchain-Enabled Federated Learning. <i>IEEE Transactions on Industrial Informatics</i> , 2023, 19, 1080-1087.	7.2	45
409	Life's Essential 8: Updating and Enhancing the American Heart Association's Construct of Cardiovascular Health: A Presidential Advisory From the American Heart Association. <i>Circulation</i> , 2022, 146, .	1.6	539
410	Multisite learning of high-dimensional heterogeneous data with applications to opioid use disorder study of 15,000 patients across 5 clinical sites. <i>Scientific Reports</i> , 2022, 12, .	1.6	0

#	ARTICLE	IF	CITATIONS
412	Design and validation of a FHIR-based EHR-driven phenotyping toolbox. Journal of the American Medical Informatics Association: JAMIA, 0, , .	2.2	4
413	Design, Implementation, and Evolution of the Medicaid Outcomes Distributed Research Network (MODRN). Medical Care, 2022, 60, 680-690.	1.1	8
414	Multiview Incomplete Knowledge Graph Integration with application to cross-institutional EHR data harmonization. Journal of Biomedical Informatics, 2022, 133, 104147.	2.5	9
416	Fitness of real-world data for clinical trial data collection: Results and lessons from a HARMONY Outcomes ancillary study. Clinical Trials, 0, , 174077452211142.	0.7	0
417	Rural-urban outcome differences associated with COVID-19 hospitalizations in North Carolina. PLoS ONE, 2022, 17, e0271755.	1.1	16
418	Collaboration Equilibrium in Federated Learning. , 2022, , .		3
419	A Hybrid Architecture (CO-CONNECT) to Facilitate Rapid Discovery and Access to Data Across the United Kingdom in Response to the COVID-19 Pandemic: Development Study. Journal of Medical Internet Research, 2022, 24, e40035.	2.1	2
420	Learning health system, positive deviance analysis, and electronic health records: Synergy for a learning health system. Learning Health Systems, 0, , .	1.1	0
421	Simulation of a machine learning enabled learning health system for risk prediction using synthetic patient data. Scientific Reports, 2022, 12, .	1.6	3
423	Building the Model. Archives of Pathology and Laboratory Medicine, 2022, , .	1.2	4
424	Standardizing electronic health record ventilation data in the pediatric long-term mechanical ventilator-dependent population. Pediatric Pulmonology, 0, , .	1.0	0
425	Establishing a framework for privacy-preserving record linkage among electronic health record and administrative claims databases within PCORnet®, the National Patient-Centered Clinical Research Network. BMC Research Notes, 2022, 15, .	0.6	9
426	COMMUTE: Communication-efficient transfer learning for multi-site risk prediction. Journal of Biomedical Informatics, 2023, 137, 104243.	2.5	2
427	A Survey of Deep Learning for Electronic Health Records. Applied Sciences (Switzerland), 2022, 12, 11709.	1.3	6
428	Assessing the impact of privacy-preserving record linkage on record overlap and patient demographic and clinical characteristics in PCORnet®, the National Patient-Centered Clinical Research Network. Journal of the American Medical Informatics Association: JAMIA, 2023, 30, 447-455.	2.2	3
429	Characterizing variability of electronic health record-driven phenotype definitions. Journal of the American Medical Informatics Association: JAMIA, 2023, 30, 427-437.	2.2	5
430	Recommended practices and ethical considerations for natural language processing-assisted observational research: A scoping review. Clinical and Translational Science, 2023, 16, 398-411.	1.5	9
431	Operationalizing deprescribing as a component of <scp>goal-concordant</scp> dementia care. Journal of the American Geriatrics Society, 2023, 71, 1340-1344.	1.3	1

#	ARTICLE	IF	CITATIONS
432	Development of a real-world database for asthma and COPD: The SingHealth-Duke-NUS-GSK COPD and Asthma Real-World Evidence (SDG-CARE) collaboration. <i>BMC Medical Informatics and Decision Making</i> , 2023, 23, .	1.5	4
433	Stratifying non-small cell lung cancer patients using an inverse of the treatment decision rules: validation using electronic health records with application to an administrative database. <i>BMC Medical Informatics and Decision Making</i> , 2023, 23, .	1.5	0
434	Real-world weight-loss effectiveness of glucagon-like peptide-1 agonists among patients with type 2 diabetes: A retrospective cohort study. <i>Obesity</i> , 2023, 31, 537-544.	1.5	5
435	Gathering speed and countering tensions in the rapid learning health system. <i>Learning Health Systems</i> , 2023, 7, .	1.1	8
436	A privacy-preserving and computation-efficient federated algorithm for generalized linear mixed models to analyze correlated electronic health records data. <i>PLoS ONE</i> , 2023, 18, e0280192.	1.1	1
437	The impact of COVID-19 pandemic on the dynamic HIV care engagement among people with HIV: real-world evidence. <i>Aids</i> , 2023, 37, 951-956.	1.0	2
438	MIMIC-IV on FHIR: converting a decade of in-patient data into an exchangeable, interoperable format. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2023, 30, 718-725.	2.2	5
441	A Spatial and Contextual Exposome-Wide Association Study and Polyexposomic Score of COVID-19 Hospitalization. <i>Exposome</i> , 0, , .	1.2	0
442	The need for multimodal health data modeling: A practical approach for a federated-learning healthcare platform. <i>Journal of Biomedical Informatics</i> , 2023, 141, 104338.	2.5	5
443	Evaluation of weight change and cardiometabolic risk factors in a real-world population of US adults with overweight or obesity. <i>Preventive Medicine</i> , 2023, 170, 107496.	1.6	0
444	Accelerating Food Allergy Research: Need for a Data Commons. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2023, 11, 1063-1067.	2.0	0
445	Timing and Magnitude of Peak Body Mass Index and Peak Weight Velocity in Infancy Predict Body Mass Index at 2 Years in a Retrospective Cohort of Electronic Health Record Data. <i>Journal of Pediatrics</i> , 2023, , 113356.	0.9	0
447	A Data Transformation Methodology to Create Findable, Accessible, Interoperable, and Reusable Health Data: Software Design, Development, and Evaluation Study. <i>Journal of Medical Internet Research</i> , 0, 25, e42822.	2.1	4
448	Trends and opportunities in computable clinical phenotyping: A scoping review. <i>Journal of Biomedical Informatics</i> , 2023, 140, 104335.	2.5	5
450	Data-driven analysis to understand long COVID using electronic health records from the RECOVER initiative. <i>Nature Communications</i> , 2023, 14, .	5.8	12
451	Nurse-to-family telehealth for pediatric transfers: protocol for a feasibility and pilot cluster randomized controlled trial. <i>Pilot and Feasibility Studies</i> , 2023, 9, .	0.5	1
453	An Investigation of Factors Influencing the Postponement of the Use of Distributed Research Networks in South Korea: Web-Based Users' Survey Study. <i>JMIR Formative Research</i> , 0, 7, e40660.	0.7	0
455	Big Data in Oncology Nursing Research: State of the Science. <i>Seminars in Oncology Nursing</i> , 2023, 39, 151428.	0.7	1

#	ARTICLE	IF	CITATIONS
456	Causal feature selection using a knowledge graph combining structured knowledge from the biomedical literature and ontologies: A use case studying depression as a risk factor for Alzheimer's disease. <i>Journal of Biomedical Informatics</i> , 2023, 142, 104368.	2.5	2
457	Clinical encounter heterogeneity and methods for resolving in networked EHR data: a study from N3C and RECOVER programs. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 0, , .	2.2	1
465	Future Directions in Clinical Research Informatics. <i>Computers in Health Care</i> , 2023, , 507-519.	0.2	0
466	Knowledge Representation and Ontologies. <i>Computers in Health Care</i> , 2023, , 367-388.	0.2	0
474	The IMPACT framework and implementation for accessible in silico clinical phenotyping in the digital era. <i>Npj Digital Medicine</i> , 2023, 6, .	5.7	0
477	Data and databases in cardiovascular medicine and surgery. , 2023, , 129-134.		0
484	Statistical Analysis's Meta-Analysis/Reproducibility. , 2023, , 125-139.		0
490	Data Preparation, Transforms, Quality, and Management. <i>Computers in Health Care</i> , 2024, , 377-413.	0.2	0