List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | Arrhythmia Variant Associations and Reclassifications in the eMERGE-III Sequencing Study. Circulation, 2022, 145, 877-891. | 1.6 | 18 |
| 6 | Association of Pathogenic Variants in Hereditary Cancer Genes With Multiple Diseases. JAMA Oncology, 2022, 8, 835. | 7.1 | 25 |
| 7 | 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 |
| 8 | Psychiatric manifestations of rare variation in medically actionable genes: a PheWAS approach. BMC Genomics, 2022, 23, 385. | 2.8 | 1 |
| 9 | Genome-wide polygenic score to predict chronic kidney disease across ancestries. Nature Medicine, 2022, 28, 1412-1420. | 30.7 | 48 |
| 10 | Large-scale genomic analyses reveal insights into pleiotropy across circulatory system diseases and nervous system disorders. Nature Communications, 2022, 13, . | 12.8 | 6 |
| 11 | 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 |
| 12 | An electronic health record (EHR) log analysis shows limited clinician engagement with unsolicited genetic test results. JAMIA Open, 2021, 4, ooab014. | 2.0 | 5 |
| 13 | 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 |
| 14 | Data Quality of Chemotherapy-Induced Nausea and Vomiting Documentation. Applied Clinical Informatics, 2021, 12, 320-328. | 1.7 | 5 |
| 15 | 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 |
| 16 | Medical records-based chronic kidney disease phenotype for clinical care and "big data―observational and genetic studies. Npj Digital Medicine, 2021, 4, 70. | 10.9 | 39 |
| 17 | Al uses patient data to optimize selection of eligibility criteria for clinical trials. Nature, 2021, 592, 512-513. | 27.8 | 7 |
| 18 | Similarity-based health risk prediction using Domain Fusion and electronic health records data. Journal of Biomedical Informatics, 2021, 116, 103711. | 4.3 | 3 |

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|----|--|------|-----------|
| 19 | Comparative effectiveness of medical concept embedding for feature engineering in phenotyping. JAMIA Open, 2021, 4, ooab028. | 2.0 | 7 |
| 20 | Comparison of Clinical Characteristics Between Clinical Trial Participants and Nonparticipants Using Electronic Health Record Data. JAMA Network Open, 2021, 4, e214732. | 5.9 | 18 |
| 21 | Penetrance of Breast Cancer Susceptibility Genes from the eMERGE III Network. JNCI Cancer Spectrum, 2021, 5, pkab044. | 2.9 | 14 |
| 22 | 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 |
| 23 | A knowledge base of clinical trial eligibility criteria. Journal of Biomedical Informatics, 2021, 117, 103771. | 4.3 | 18 |
| 24 | PhenCards: a data resource linking human phenotype information to biomedical knowledge. Genome Medicine, 2021, 13, 91. | 8.2 | 6 |
| 25 | Participatory Design of a Clinical Trial Eligibility Criteria Simplification Method. Studies in Health Technology and Informatics, 2021, 281, 984-988. | 0.3 | 2 |
| 26 | 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 |
| 27 | Building an OMOP common data model-compliant annotated corpus for COVID-19 clinical trials. Journal of Biomedical Informatics, 2021, 118, 103790. | 4.3 | 8 |
| 28 | A deep database of medical abbreviations and acronyms for natural language processing. Scientific Data, 2021, 8, 149. | 5.3 | 13 |
| 29 | 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 |
| 30 | 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 |
| 31 | Clinical Phenotypic Spectrum of 4095 Individuals with Down Syndrome from Text Mining of Electronic Health Records. Genes, 2021, 12, 1159. | 2.4 | 6 |
| 32 | Quantitative disease risk scores from EHR with applications to clinical risk stratification and genetic studies. Npj Digital Medicine, 2021, 4, 116. | 10.9 | 7 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | A conceptual framework for external validity. Journal of Biomedical Informatics, 2021, 121, 103870. | 4.3 | 4 |

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| 37 | Columbia Open Health Data for COVID-19 Research: Database Analysis. Journal of Medical Internet Research, 2021, 23, e31122. | 4.3 | 3 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | The COVID-19 Trial Finder. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 616-621. | 4.4 | 5 |
| 42 | 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 |
| 43 | 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 |
| 44 | 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 |
| 45 | Identifying Data Quality Dimensions for Person-Generated Wearable Device Data: Multi-Method Study. JMIR MHealth and UHealth, 2021, 9, e31618. | 3.7 | 6 |
| 46 | Clinical data quality: a data life cycle perspective. Biostatistics and Epidemiology, 2020, 4, 6-14. | 0.4 | 9 |
| 47 | Missense variants in <i>TAF1</i> and developmental phenotypes: Challenges of determining pathogenicity. Human Mutation, 2020, 41, 449-464. | 2.5 | 17 |
| 48 | 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 |
| 49 | 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 |
| 50 | Chia, a large annotated corpus of clinical trial eligibility criteria. Scientific Data, 2020, 7, 281. | 5.3 | 19 |
| 51 | 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 |
| 52 | Deep phenotyping: Embracing complexity and temporality—Towards scalability, portability, and interoperability. Journal of Biomedical Informatics, 2020, 105, 103433. | 4.3 | 51 |
| 53 | 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 |
| 54 | Phen2Gene: rapid phenotype-driven gene prioritization for rare diseases. NAR Genomics and Bioinformatics, 2020, 2, Iqaa032. | 3.2 | 45 |

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| 55 | 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 |
| 56 | Facilitating phenotype transfer using a common data model. Journal of Biomedical Informatics, 2019, 96, 103253. | 4.3 | 49 |
| 57 | Clinical Data: Sources and Types, Regulatory Constraints, Applications. Clinical and Translational Science, 2019, 12, 329-333. | 3.1 | 20 |
| 58 | Making work visible for electronic phenotype implementation: Lessons learned from the eMERGE network. Journal of Biomedical Informatics, 2019, 99, 103293. | 4.3 | 27 |
| 59 | DQueST: dynamic questionnaire for search of clinical trials. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 1333-1343. | 4.4 | 9 |
| 60 | Ensembles of natural language processing systems for portable phenotyping solutions. Journal of Biomedical Informatics, 2019, 100, 103318. | 4.3 | 19 |
| 61 | Harmonizing Clinical Sequencing and Interpretation for the eMERGE III Network. American Journal of Human Genetics, 2019, 105, 588-605. | 6.2 | 99 |
| 62 | Pathway analysis of genomic pathology tests for prognostic cancer subtyping. Journal of Biomedical Informatics, 2019, 98, 103286. | 4.3 | 3 |
| 63 | Doc2Hpo: a web application for efficient and accurate HPO concept curation. Nucleic Acids Research, 2019, 47, W566-W570. | 14.5 | 47 |
| 64 | 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 |
| 65 | Informatics Approaches to Participant Recruitment. Computers in Health Care, 2019, , 109-122. | 0.3 | 1 |
| 66 | 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 |
| 67 | Semi-supervised learning to improve generalizability of risk prediction models. Journal of Biomedical Informatics, 2019, 92, 103117. | 4.3 | 19 |
| 68 | 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 |
| 69 | 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 |
| 70 | Pretraining to Recognize PICO Elements from Randomized Controlled Trial Literature. Studies in Health Technology and Informatics, 2019, 264, 188-192. | 0.3 | 11 |
| 71 | Detecting Systemic Data Quality Issues in Electronic Health Records. Studies in Health Technology and Informatics, 2019, 264, 383-387. | 0.3 | 13 |
| 72 | A Data Element-Function Conceptual Model for Data Quality Checks. EGEMS (Washington, DC), 2019, 7, 17. | 2.0 | 4 |

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| 73 | Dialogue Analysis for Clinical Data Query Mediation. Studies in Health Technology and Informatics, 2019, 264, 1398-1402. | 0.3 | 0 |
| 74 | 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 |
| 75 | The ranking of scientists. Journal of Biomedical Informatics, 2018, 79, 145-146. | 4.3 | 2 |
| 76 | 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 |
| 77 | 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 |
| 78 | Trends in anesthesiology research: a machine learning approach to theme discovery and summarization. JAMIA Open, 2018, 1, 283-293. | 2.0 | 12 |
| 79 | A method for harmonization of clinical abbreviation and acronym sense inventories. Journal of Biomedical Informatics, 2018, 88, 62-69. | 4.3 | 10 |
| 80 | Call for papers: Deep phenotyping for Precision Medicine. Journal of Biomedical Informatics, 2018, 87, 66-67. | 4.3 | 3 |
| 81 | Harmonizing Outcomes for Genomic Medicine: Comparison of eMERGE Outcomes to ClinGen Outcome/Intervention Pairs. Healthcare (Switzerland), 2018, 6, 83. | 2.0 | 18 |
| 82 | Deep Phenotyping on Electronic Health Records Facilitates Genetic Diagnosis by Clinical Exomes. American Journal of Human Genetics, 2018, 103, 58-73. | 6.2 | 99 |
| 83 | 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 |
| 84 | Columbia Open Health Data, clinical concept prevalence and co-occurrence from electronic health records. Scientific Data, 2018, 5, 180273. | 5.3 | 41 |
| 85 | The Data Gap in the EHR for Clinical Research Eligibility Screening. AMIA Summits on Translational Science Proceedings, 2018, 2017, 320-329. | 0.4 | 7 |
| 86 | 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 |
| 87 | 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 |
| 88 | 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 |
| 89 | 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 |
| 90 | 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 |

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| 91 | 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 |
| 92 | 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 |
| 93 | A Data Quality Assessment Guideline for Electronic Health Record Data Reuse. EGEMS (Washington,) Tj ETQq1 1 | 0.784314 2.0 | rggT /Overic |
| 94 | 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 |
| 95 | An OMOP CDM-Based Relational Database of Clinical Research Eligibility Criteria. Studies in Health Technology and Informatics, 2017, 245, 950-954. | 0.3 | 10 |
| 96 | 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 |
| 97 | 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 |
| 98 | Unsupervised Time-Series Clustering Over Lab Data for Automatic Identification of Uncontrolled Diabetes. , 2016, , . | | 3 |
| 99 | A data-driven concept schema for defining clinical research data needs. International Journal of Medical Informatics, 2016, 91, 1-9. | 3.3 | 12 |
| 100 | Leveraging dialog systems research to assist biomedical researchers' interrogation of Big Clinical Data. Journal of Biomedical Informatics, 2016, 61, 176-184. | 4.3 | 5 |
| 101 | A multi-site cognitive task analysis for biomedical query mediation. International Journal of Medical Informatics, 2016, 93, 74-84. | 3.3 | 1 |
| 102 | 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 |
| 103 | Bacterial clinical infectious diseases ontology (BCIDO) dataset. Data in Brief, 2016, 8, 881-884. | 1.0 | 6 |
| 104 | Automated learning of domain taxonomies from text using background knowledge. Journal of Biomedical Informatics, 2016, 63, 295-306. | 4.3 | 17 |
| 105 | DREAM: Classification scheme for dialog acts in clinical research query mediation. Journal of Biomedical Informatics, 2016, 59, 89-101. | 4.3 | 7 |
| 106 | Multivariate analysis of the population representativeness of related clinical studies. Journal of Biomedical Informatics, 2016, 60, 66-76. | 4.3 | 21 |
| 107 | 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 |
| 108 | Facilitating biomedical researchers' interrogation of electronic health record data: Ideas from outside of biomedical informatics. Journal of Biomedical Informatics, 2016, 60, 376-384. | 4.3 | 12 |

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| 109 | 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 |
| 110 | How Have Cancer Clinical Trial Eligibility Criteria Evolved Over Time?. AMIA Summits on Translational Science Proceedings, 2016, 2016, 269-78. | 0.4 | 2 |
| 111 | Adaptive Semantic Tag Mining from Heterogeneous Clinical Research Texts. Methods of Information in Medicine, 2015, 54, 164-170. | 1.2 | 6 |
| 112 | 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 |
| 113 | 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 |
| 114 | Visual aggregate analysis of eligibility features of clinical trials. Journal of Biomedical Informatics, 2015, 54, 241-255. | 4.3 | 17 |
| 115 | Optimizing Clinical Research Participant Selection with Informatics. Trends in Pharmacological Sciences, 2015, 36, 706-709. | 8.7 | 30 |
| 116 | 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 |
| 117 | Simulation-based Evaluation of the Generalizability Index for Study Traits. AMIA Annual Symposium proceedings, 2015, 2015, 594-603. | 0.2 | 9 |
| 118 | Desiderata for Major Eligibility Criteria in Breast Cancer Clinical Trials. AMIA Annual Symposium proceedings, 2015, 2015, 2025-34. | 0.2 | 2 |
| 119 | Associating co-authorship patterns with publications in high-impact journals. Journal of Biomedical Informatics, 2014, 52, 311-318. | 4.3 | 26 |
| 120 | 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 |
| 121 | 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 |
| 122 | Clustering clinical trials with similar eligibility criteria features. Journal of Biomedical Informatics, 2014, 52, 112-120. | 4.3 | 57 |
| 123 | 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 |
| 124 | Considerations for using research data to verify clinical data accuracy. AMIA Summits on Translational Science Proceedings, 2014, 2014, 211-7. | 0.4 | 7 |
| 125 | Toward a cognitive task analysis for biomedical query mediation. AMIA Summits on Translational Science Proceedings, 2014, 2014, 218-22. | 0.4 | 6 |
| 126 | Using software to elicit user needs for clinical research visit scheduling. AMIA Summits on Translational Science Proceedings, 2014, 2014, 109-15. | 0.4 | 0 |

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| 127 | Enhancing electronic health records to support clinical research. AMIA Summits on Translational Science Proceedings, 2014, 2014, 102-8. | 0.4 | 2 |
| 128 | Development and validation of an electronic phenotyping algorithm for chronic kidney disease. AMIA Annual Symposium proceedings, 2014, 2014, 907-16. | 0.2 | 31 |
| 129 | A method for analyzing commonalities in clinical trial target populations. AMIA Annual Symposium proceedings, 2014, 2014, 1777-86. | 0.2 | 16 |
| 130 | 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 |
| 131 | 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 |
| 132 | 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 |
| 133 | A human–computer collaborative approach to identifying common data elements in clinical trial eligibility criteria. Journal of Biomedical Informatics, 2013, 46, 33-39. | 4.3 | 38 |
| 134 | eTACTS: A method for dynamically filtering clinical trial search results. Journal of Biomedical Informatics, 2013, 46, 1060-1067. | 4.3 | 23 |
| 135 | Unsupervised mining of frequent tags for clinical eligibility text indexing. Journal of Biomedical Informatics, 2013, 46, 1145-1151. | 4.3 | 29 |
| 136 | Defining and measuring completeness of electronic health records for secondary use. Journal of Biomedical Informatics, 2013, 46, 830-836. | 4.3 | 276 |
| 137 | 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 |
| 138 | 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 |
| 139 | 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 |
| 140 | Discovering medical conditions associated with periodontitis using linked electronic health records. Journal of Clinical Periodontology, 2013, 40, 474-482. | 4.9 | 48 |
| 141 | Feasibility of Feature-based Indexing, Clustering, and Search of Clinical Trials. Methods of Information in Medicine, 2013, 52, 382-394. | 1.2 | 21 |
| 142 | Extracting and Normalizing Temporal Expressions in Clinical Data Requests from Researchers. Lecture Notes in Computer Science, 2013, , 41-51. | 1.3 | 9 |
| 143 | A method for probing disease relatedness using common clinical eligibility criteria. Studies in Health Technology and Informatics, 2013, 192, 481-5. | 0.3 | 9 |
| 144 | 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 |

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| 145 | Characterization of the biomedical query mediation process. AMIA Summits on Translational Science Proceedings, 2013, 2013, 89-93. | 0.4 | 14 |
| 146 | Sick patients have more data: the non-random completeness of electronic health records. AMIA Annual Symposium proceedings, 2013, 2013, 1472-7. | 0.2 | 55 |
| 147 | Design and evaluation of a bacterial clinical infectious diseases ontology. AMIA Annual Symposium proceedings, 2013, 2013, 502-11. | 0.2 | 7 |
| 148 | Natural Language Processing, Electronic Health Records, and Clinical Research. Computers in Health Care, 2012, , 293-310. | 0.3 | 15 |
| 149 | An Initial Log Analysis of Usage Patterns on a Research Networking System. Clinical and Translational Science, 2012, 5, 340-347. | 3.1 | 4 |
| 150 | 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 |
| 151 | Clinical research informatics: a conceptual perspective. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, e36-e42. | 4.4 | 38 |
| 152 | Informatics Approaches to Participant Recruitment. Computers in Health Care, 2012, , 81-93. | 0.3 | 1 |
| 153 | EliXR-TIME: A Temporal Knowledge Representation for Clinical Research Eligibility Criteria. AMIA Summits on Translational Science Proceedings, 2012, 2012, 71-80. | 0.4 | 17 |
| 154 | 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 |
| 155 | Dynamic categorization of clinical research eligibility criteria by hierarchical clustering. Journal of Biomedical Informatics, 2011, 44, 927-935. | 4.3 | 40 |
| 156 | EliXR: an approach to eligibility criteria extraction and representation. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, i116-i124. | 4.4 | 109 |
| 157 | Extracting temporal constraints from clinical research eligibility criteria using conditional random fields. AMIA Annual Symposium proceedings, 2011, 2011, 843-52. | 0.2 | 17 |
| 158 | A real-time screening alert improves patient recruitment efficiency. AMIA Annual Symposium proceedings, 2011, 2011, 1489-98. | 0.2 | 32 |
| 159 | Formal representation of eligibility criteria: A literature review. Journal of Biomedical Informatics, 2010, 43, 451-467. | 4.3 | 156 |
| 160 | <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 |
| 161 | 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 |
| 162 | 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 |

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| 163 | 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 |
| 164 | Secondary Use of EHR: Data Quality Issues and Informatics Opportunities. Summit on Translational Bioinformatics, 2010, 2010, 1-5. | 0.7 | 122 |
| 165 | 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 |
| 166 | A review of auditing methods applied to the content of controlled biomedical terminologies. Journal of Biomedical Informatics, 2009, 42, 413-425. | 4.3 | 97 |
| 167 | Electronic Screening Improves Efficiency in Clinical Trial Recruitment. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 869-873. | 4.4 | 118 |
| 168 | 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 |
| 169 | ECRL: an eligibility criteria representation language based on the UMLS Semantic Network. AMIA Annual Symposium proceedings, 2008, , 1084. | 0.2 | 4 |
| 170 | Participatory design of a collaborative clinical trial protocol writing system. International Journal of Medical Informatics, 2007, 76, S245-S251. | 3.3 | 29 |
| 171 | User-centered semantic harmonization: A case study. Journal of Biomedical Informatics, 2007, 40, 353-364. | 4.3 | 35 |
| 172 | Asynchronous communication among clinical researchers: A study for systems design. International Journal of Medical Informatics, 2005, 74, 797-807. | 3.3 | 24 |
| 173 | Temporal knowledge representation for scheduling tasks in clinical trial protocols. Proceedings, 2002 879-83. | 0.6 | 6 |