James J Cimino

List of Publications by Year
in descending order

173 papers	5,644 citations	94415 37 h-index	102480 66 g-index
178 all docs	178 docs citations	178 times ranked	5843 citing authors

#	Article	IF	Citations
1	Caveats for the Use of Operational Electronic Health Record Data in Comparative Effectiveness Research. Medical Care, 2013, 51, S30-S37.	2.4	410
2	The National COVID Cohort Collaborative (N3C): Rationale, design, infrastructure, and deployment. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 427-443.	4.4	342
3	A Randomized Trial Comparing Telemedicine Case Management with Usual Care in Older, Ethnically Diverse, Medically Underserved Patients with Diabetes Mellitus: 5 Year Results of the IDEATel Study. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 446-456.	4.4	295
4	Clinical Documentation in the 21st Century: Executive Summary of a Policy Position Paper From the American College of Physicians. Annals of Internal Medicine, 2015, 162, 301-303.	3.9	189
5	Clinical Characterization and Prediction of Clinical Severity of SARS-CoV-2 Infection Among US Adults Using Data From the US National COVID Cohort Collaborative. JAMA Network Open, 2021, 4, e2116901.	5.9	179
6	AskHERMES: An online question answering system for complex clinical questions. Journal of Biomedical Informatics, 2011, 44, 277-288.	4.3	166
7	The patient clinical information system (PatCIS): technical solutions for and experience with giving patients access to their electronic medical records. International Journal of Medical Informatics, 2002, 68, 113-127.	3.3	133
8	International electronic health record-derived COVID-19 clinical course profiles: the 4CE consortium. Npj Digital Medicine, 2020, 3, 109.	10.9	128
9	A Rapid Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight Mass Spectrometry-Based Method for Single-Plasmid Tracking in an Outbreak of Carbapenem-Resistant Enterobacteriaceae. Journal of Clinical Microbiology, 2014, 52, 2804-2812.	3.9	125
10	A review of auditing methods applied to the content of controlled biomedical terminologies. Journal of Biomedical Informatics, 2009, 42, 413-425.	4.3	97
11	Unintended Consequences of Nationwide Electronic Health Record Adoption: Challenges and Opportunities in the Post-Meaningful Use Era. Journal of Medical Internet Research, 2019, 21, e13313.	4.3	96
12	Design of a Clinical Event Monitor. Journal of Biomedical Informatics, 1996, 29, 194-221.	0.7	93
13	In defense of the Desiderata. Journal of Biomedical Informatics, 2006, 39, 299-306.	4.3	93
14	Development, implementation, and a cognitive evaluation of a definitional question answering system for physicians. Journal of Biomedical Informatics, 2007, 40, 236-251.	4.3	87
15	Towards the development of a conceptual distance metric for the UMLS. Journal of Biomedical Informatics, 2004, 37, 77-85.	4.3	86
16	Providing Concept-oriented Views for Clinical Data Using a Knowledge-based System: An Evaluation. Journal of the American Medical Informatics Association: JAMIA, 2002, 9, 294-305.	4.4	76
17	Representation of Ophthalmology Concepts by Electronic Systems. Ophthalmology, 2006, 113, 511-519.	5.2	76
18	Linking ClinicalTrials.gov and PubMed to Track Results of Interventional Human Clinical Trials. PLoS ONE, 2013, 8, e68409.	2.5	73

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19	Heuristic evaluation of paper-based Web pages: A simplified inspection usability methodology. Journal of Biomedical Informatics, 2006, 39, 412-423.	4.3	70
20	Evaluating adherence to the International Committee of Medical Journal Editors' policy of mandatory, timely clinical trial registration. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, e169-e174.	4.4	70
21	Implementations of the HL7 Context-Aware Knowledge Retrieval (â€œInfobuttonâ€) Standard: Challenges, strengths, limitations, and uptake. Journal of Biomedical Informatics, 2012, 45, 726-735.	4.3	67
22	Approach to mobile information and communication for health care. International Journal of Medical Informatics, 2004, 73, 631-638.	3.3	66
23	Improving the Electronic Health Recordâ€”Are Clinicians Getting What They Wished For?. JAMA - Journal of the American Medical Association, 2013, 309, 991.	7.4	65
24	Effectiveness of Topic-specific Infobuttons: A Randomized Controlled Trial. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 752-759.	4.4	62
25	What Every Reader Should Know About Studies Using Electronic Health Record Data but May Be Afraid to Ask. Journal of Medical Internet Research, 2021, 23, e22219.	4.3	61
26	PalmCIS: A Wireless Handheld Application for Satisfying Clinician Information Needs. Journal of the American Medical Informatics Association: JAMIA, 2004, 11, 19-28.	4.4	58
27	A study of collaboration among medical informatics research laboratories. Artificial Intelligence in Medicine, 1998, 12, 97-123.	6.5	52
28	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
29	A Learning Health Care System Using Computer-Aided Diagnosis. Journal of Medical Internet Research, 2017, 19, e54.	4.3	50
30	Matching Patient Records to Clinical Trials Using Ontologies. Lecture Notes in Computer Science, 2007, , 816-829.	1.3	49
31	Combining laboratory data sets from multiple institutions using the logical observation identifier names and codes (LOINC). International Journal of Medical Informatics, 1998, 51, 29-37.	3.3	48
32	Integrating evidence into clinical information systems for nursing decision support. International Journal of Medical Informatics, 2008, 77, 413-420.	3.3	47
33	Development and evaluation of an ontology for guiding appropriate antibiotic prescribing. Journal of Biomedical Informatics, 2012, 45, 120-128.	4.3	47
34	Using clinical reasoning ontologies to make smarter clinical decision support systems: a systematic review and data synthesis. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 159-174.	4.4	47
35	Promoting Patient Safety and Enabling Evidence-Based Practice Through Informatics. Medical Care, 2004, 42, II-49.	2.4	46
36	Clinical information needs in context: an observational study of clinicians while using a clinical information system. AMIA ... Annual Symposium proceedings, 2003, , 190-4.	0.2	44

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37	â€˜Televaluationâ€™ of clinical information systems: an integrative approach to assessing Web-based systems. International Journal of Medical Informatics, 2001, 61, 45-70.	3.3	43
38	Recommendations for the Use of Operational Electronic Health Record Data in Comparative Effectiveness Research. EGEMS (Washington, DC), 2017, 1, 14.	2.0	41
39	Cliniciansâ€™ reasoning as reflected in electronic clinical note-entry and reading/retrieval: a systematic review and qualitative synthesis. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 172-184.	4.4	40
40	Synergies between centralized and federated approaches to data quality: a report from the national COVID cohort collaborative. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 609-618.	4.4	39
41	Information Needs, Infobutton Manager Use, and Satisfaction by Clinician Type: A Case Study. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 140-142.	4.4	38
42	The National Institutes of Healthâ€™s Biomedical Translational Research Information System (BTRIS): Design, contents, functionality and experience to date. Journal of Biomedical Informatics, 2014, 52, 11-27.	4.3	37
43	Standardizing data exchange for clinical research protocols and case report forms: An assessment of the suitability of the Clinical Data Interchange Standards Consortium (CDISC) Operational Data Model (ODM). Journal of Biomedical Informatics, 2015, 57, 88-99.	4.3	37
44	Use, usability, usefulness, and impact of an infobutton manager. AMIA ... Annual Symposium proceedings, 2006, , 151-5.	0.2	37
45	PERSIVAL, a system for personalized search and summarization over multimedia healthcare information. , 2001, , .		36
46	The clinical research data repository of the US National Institutes of Health. Studies in Health Technology and Informatics, 2010, 160, 1299-303.	0.3	36
47	Automatically extracting information needs from complex clinical questions. Journal of Biomedical Informatics, 2010, 43, 962-971.	4.3	35
48	Context-sensitive decision support (infobuttons) in electronic health records: a systematic review. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 460-468.	4.4	35
49	Structured override reasons for drug-drug interaction alerts in electronic health records. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 934-942.	4.4	35
50	International Analysis of Electronic Health Records of Children and Youth Hospitalized With COVID-19 Infection in 6 Countries. JAMA Network Open, 2021, 4, e2112596.	5.9	33
51	Accessing Heterogeneous Sources of Evidence to Answer Clinical Questions. Journal of Biomedical Informatics, 2001, 34, 85-98.	4.3	32
52	Practical experience with the maintenance and auditing of a large medical ontology. Journal of Biomedical Informatics, 2009, 42, 494-503.	4.3	31
53	Theoretical, empirical and practical approaches to resolving the unmet information needs of clinical information system users. Proceedings, 2002, , 170-4.	0.6	30
54	Disseminating context-specific access to online knowledge resources within electronic health record systems. Studies in Health Technology and Informatics, 2013, 192, 672-6.	0.3	30

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55	Toward Semantic Interoperability in Home Health Care. Journal of the American Medical Informatics Association: JAMIA, 2005, 12, 410-417.	4.4	29
56	The caBIG terminology review process. Journal of Biomedical Informatics, 2009, 42, 571-580.	4.3	28
57	Incorporating personalized gene sequence variants, molecular genetics knowledge, and health knowledge into an EHR prototype based on the Continuity of Care Record standard. Journal of Biomedical Informatics, 2012, 45, 82-92.	4.3	28
58	Extracting structured medication event information from discharge summaries. AMIA ... Annual Symposium proceedings, 2008, , 237-41.	0.2	28
59	Personal Digital Educators. New England Journal of Medicine, 2005, 352, 860-862.	27.0	26
60	Understanding workflow in telehealth video visits: Observations from the IDEATel project. Journal of Biomedical Informatics, 2009, 42, 581-592.	4.3	26
61	Putting the â€œwhyâ€•in â€œEHRâ€• capturing and coding clinical cognition. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 1379-1384.	4.4	25
62	Use of online resources while using a clinical information system. AMIA ... Annual Symposium proceedings, 2003, , 175-9.	0.2	25
63	Reliability of SNOMED-CT coding by three physicians using two terminology browsers. AMIA ... Annual Symposium proceedings, 2006, , 131-5.	0.2	25
64	Data storage and knowledge representation for clinical workstations. International Journal of Bio-medical Computing, 1994, 34, 185-194.	0.5	24
65	Representation of ophthalmology concepts by electronic systems. Ophthalmology, 2005, 112, 175-183.	5.2	24
66	As we may think: The concept space and medical hypertext. Journal of Biomedical Informatics, 1992, 25, 238-263.	0.7	23
67	Integrating Nursing Diagnostic Concepts into the Medical Entities Dictionary Using the ISO Reference Terminology Model for Nursing Diagnosis. Journal of the American Medical Informatics Association: JAMIA, 2003, 10, 382-388.	4.4	22
68	Analysis of a Study of the Users, Uses, and Future Agenda of the UMLS. Journal of the American Medical Informatics Association: JAMIA, 2007, 14, 221-231.	4.4	22
69	Controlled Medical Vocabulary Construction: Methods from the Canon Group. Journal of the American Medical Informatics Association: JAMIA, 1994, 1, 296-297.	4.4	21
70	Vocabulary and health care information technology: State of the art. , 1995, 46, 777-782.		21
71	A Knowledge-Based, Concept-Oriented View Generation System for Clinical Data. Journal of Biomedical Informatics, 2001, 34, 112-128.	4.3	21
72	An Enriched Unified Medical Language System Semantic Network with a Multiple Subsumption Hierarchy. Journal of the American Medical Informatics Association: JAMIA, 2004, 11, 195-206.	4.4	21

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73	Developing realâ€world evidence from realâ€world data: Transforming raw data into analytical datasets. Learning Health Systems, 2022, 6, e10293.	2.0	21
74	Development of a prototype continuity of care record with context-specific links to meet the information needs of case managers for persons living with HIV. International Journal of Medical Informatics, 2012, 81, 549-555.	3.3	20
75	An integrated approach to computer-based decision support at the point of care. Transactions of the American Clinical and Climatological Association, 2007, 118, 273-88.	0.5	20
76	A state-based approach to genomics for rare disease and population screening. Genetics in Medicine, 2021, 23, 777-781.	2.4	19
77	Desiderata for healthcare integrated data repositories based on architectural comparison of three public repositories. AMIA ... Annual Symposium proceedings, 2013, 2013, 648-56.	0.2	19
78	User-centered design of multi-gene sequencing panel reports for clinicians. Journal of Biomedical Informatics, 2016, 63, 1-10.	4.3	18
79	Adequacy of evolving national standardized terminologies for interdisciplinary coded concepts in an automated clinical pathway. Journal of Biomedical Informatics, 2003, 36, 313-325.	4.3	17
80	Consumer-mediated health information exchanges: The 2012 ACMI debate. Journal of Biomedical Informatics, 2014, 48, 5-15.	4.3	17
81	The classification of clinicians' information needs while using a clinical information system. AMIA ... Annual Symposium proceedings, 2003, , 26-30.	0.2	17
82	Lay publicâ€™s knowledge and decisions in response to symptoms of acute myocardial infarction. Advances in Health Sciences Education, 2009, 14, 43-59.	3.3	16
83	Precision and negative predictive value of links between ClinicalTrials.gov and PubMed. AMIA ... Annual Symposium proceedings, 2012, 2012, 400-8.	0.2	16
84	Terminology model discovery using natural language processing and visualization techniques. Journal of Biomedical Informatics, 2006, 39, 626-636.	4.3	15
85	Information needs of case managers caring for persons living with HIV. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 305-308.	4.4	15
86	Don't take your EHR to heaven, donate it to science: legal and research policies for EHR post mortem: Table 1. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 8-12.	4.4	15
87	Evaluation of a UMLS Auditing Process of Semantic Type Assignments. AMIA ... Annual Symposium proceedings, 2007, , 294-8.	0.2	15
88	Meeting the electronic health record "meaningful use" criterion for the HL7 infobutton standard using OpenInfobutton and the Librarian Infobutton Tailoring Environment (LITE). AMIA ... Annual Symposium proceedings, 2012, 2012, 112-20.	0.2	15
89	Using Semantic and Structural Properties of the Unified Medical Language System to Discover Potential Terminological Relationships. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 346-353.	4.4	14
90	A study of terminology auditorsâ€™ performance for UMLS semantic type assignments. Journal of Biomedical Informatics, 2012, 45, 1042-1048.	4.3	14

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91	A critical analysis of COVID-19 research literature: Text mining approach. Intelligence-based Medicine, 2021, 5, 100036.	2.4	14
92	Sharing infobuttons to resolve clinicians' information needs. AMIA ... Annual Symposium proceedings, 2003, , 815.	0.2	14
93	Characterization of the biomedical query mediation process. AMIA Summits on Translational Science Proceedings, 2013, 2013, 89-93.	0.4	14
94	Practical considerations for exploiting the World Wide Web to create infobuttons. Studies in Health Technology and Informatics, 2004, 107, 277-81.	0.3	13
95	A comparison of clinicians' access to online knowledge resources using two types of information retrieval applications in an academic hospital setting. Journal of the Medical Library Association: JMLA, 2013, 101, 26-31.	1.7	12
96	Developing genomic knowledge bases and databases to support clinical management: current perspectives. Pharmacogenomics and Personalized Medicine, 2014, 7, 275.	0.7	12
97	Cliniciansâ€² evaluation of computer-assisted medication summarization of electronic medical records. Computers in Biology and Medicine, 2015, 59, 221-231.	7.0	12
98	Facilitating biomedical researchersâ€™ interrogation of electronic health record data: Ideas from outside of biomedical informatics. Journal of Biomedical Informatics, 2016, 60, 376-384.	4.3	12
99	A visual interactive analytic tool for filtering and summarizing large health data sets coded with hierarchical terminologies (VIADS). BMC Medical Informatics and Decision Making, 2019, 19, 31.	3.0	12
100	Development and representation of a fall-injury risk assessment instrument in a clinical information system. Studies in Health Technology and Informatics, 2004, 107, 721-5.	0.3	12
101	Infobuttons: anticipatory passive decision support. AMIA ... Annual Symposium proceedings, 2008, , 1203-4.	0.2	12
102	IAIMS and sharing. International Journal of Bio-medical Computing, 1994, 34, 339-348.	0.5	11
103	Terminology challenges implementing the HL7 context-aware knowledge retrieval (â€˜Infobuttonâ€™) standard. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 218-223.	4.4	11
104	Research informatics and the COVID-19 pandemic: Challenges, innovations, lessons learned, and recommendations. Journal of Clinical and Translational Science, 2021, 5, e110.	0.6	11
105	Beyond information retrieval--medical question answering. AMIA ... Annual Symposium proceedings, 2006, , 469-73.	0.2	11
106	Piecewise synonyms for enhanced UMLS source terminology integration. AMIA ... Annual Symposium proceedings, 2007, , 339-43.	0.2	11
107	An automated approach to studying health resource and infobutton use. Studies in Health Technology and Informatics, 2006, 122, 273-8.	0.3	11
108	Relationship Structures and Semantic Type Assignments of the UMLS Enriched Semantic Network. Journal of the American Medical Informatics Association: JAMIA, 2005, 12, 657-666.	4.4	10

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109	Participant Perceptions of the Influences of the NLM-Sponsored Woods Hole Medical Informatics Course. Journal of the American Medical Informatics Association: JAMIA, 2005, 12, 256-262.	4.4	10
110	A comparison of two methods for retrieving ICD-9-CM data: The effect of using an ontology-based method for handling terminology changes. Journal of Biomedical Informatics, 2011, 44, 289-298.	4.3	10
111	Sustainability considerations for clinical and translational research informatics infrastructure. Journal of Clinical and Translational Science, 2018, 2, 267-275.	0.6	10
112	Formal representation of patientsâ€™ care context data: the path to improving the electronic health record. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1648-1657.	4.4	10
113	Multinational characterization of neurological phenotypes in patients hospitalized with COVID-19. Scientific Reports, 2021, 11, 20238.	3.3	10
114	Redesign of the Columbia University Infobutton Manager. AMIA ... Annual Symposium proceedings, 2007, , 135-9.	0.2	10
115	Standards in Biomedical Informatics. Computers in Health Care, 2006, , 265-311.	0.3	9
116	Clinical Informatics Researcher's Desiderata for the Data Content of the Next Generation Electronic Health Record. Applied Clinical Informatics, 2017, 08, 1159-1172.	1.7	9
117	Health information technology as a learning health system: Call for a national monitoring system. Learning Health Systems, 2020, 4, e10207.	2.0	9
118	Appropriate use of machine learning in healthcare. Intelligence-based Medicine, 2021, 5, 100041.	2.4	9
119	Standards in Medical Informatics. Computers in Health Care, 2001, , 212-256.	0.3	9
120	Infobuttons and point of care access to knowledge. , 2007, , 345-371.		9
121	IAIMS and UMLS at Columbia-Presbyterian Medical Center. Medical Decision Making, 1991, 11, S89-S93.	2.4	8
122	PAGER-CoV: a comprehensive collection of pathways, annotated gene-lists and gene signatures for coronavirus disease studies. Nucleic Acids Research, 2021, 49, D589-D599.	14.5	8
123	Developing a self-service query interface for re-using de-identified electronic health record data. Studies in Health Technology and Informatics, 2013, 192, 632-6.	0.3	8
124	Scenario-based assessment of physicians' information needs. Studies in Health Technology and Informatics, 2004, 107, 306-10.	0.3	8
125	The Roles of a Secondary Data Analytics Tool and Experience in Scientific Hypothesis Generation in Clinical Research: Protocol for a Mixed Methods Study. JMIR Research Protocols, 2022, 11, e39414.	1.0	8
126	A review of auditing techniques for the Unified Medical Language System. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1625-1638.	4.4	7

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127	Usability and Acceptance of the Librarian Infobutton Tailoring Environment: An Open Access Online Knowledge Capture, Management, and Configuration Tool for OpenInfobutton. Journal of Medical Internet Research, 2015, 17, e272.	4.3	7
128	Practical choices for infobutton customization: experience from four sites. AMIA ... Annual Symposium proceedings, 2013, 2013, 236-45.	0.2	7
129	International comparisons of laboratory values from the 4CE collaborative to predict COVID-19 mortality. Npj Digital Medicine, 2022, 5, .	10.9	7
130	Using the UMLS to Bring the Library to the Bedside. Medical Decision Making, 1991, 11, S116-S120.	2.4	6
131	Twilighted Homegrown Systems: The Experience of Six Traditional Electronic Health Record Developers in the Postâ€“Meaningful Use Era. Applied Clinical Informatics, 2020, 11, 356-365.	1.7	6
132	An Exploration of the Terminology of Clinical Cognition and Reasoning. AMIA ... Annual Symposium proceedings, 2018, 2018, 321-329.	0.2	6
133	Improving precision medicine using individual patient data from trials. Cmaj, 2017, 189, E204-E207.	2.0	5
134	A scale-free network view of the UMLS to learn terminology translations. Studies in Health Technology and Informatics, 2007, 129, 689-93.	0.3	5
135	A network-theoretic approach for decompositional translation across Open Biological Ontologies. Journal of Biomedical Informatics, 2010, 43, 608-612.	4.3	4
136	The cognitive demands of an innovative query user interface. Proceedings, 2002, , 850-4.	0.6	4
137	Leading a horse to water: using automated reminders to increase use of online decision support. AMIA ... Annual Symposium proceedings, 2008, , 116-20.	0.2	4
138	Classifying Clinical Trial Eligibility Criteria to Facilitate Phased Cohort Identification Using Clinical Data Repositories. AMIA ... Annual Symposium proceedings, 2017, 2017, 1754-1763.	0.2	4
139	A research agenda to support the development and implementation of genomics-based clinical informatics tools and resources. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 1342-1349.	4.4	4
140	The Effects of Redesigning the IDEATel Architecture on Glucose Uploads. Telemedicine Journal and E-Health, 2009, 15, 248-254.	2.8	3
141	Reply to "Tn4401 Carrying blaKPC Is Inserted within Another Insertion in pKpQIL and Related Plasmids". Journal of Clinical Microbiology, 2014, 52, 4450-4450.	3.9	3
142	Physiciansâ€™ perceptions about narrative note sections format and content: A multi-specialty survey. International Journal of Medical Informatics, 2021, 151, 104475.	3.3	3
143	Mining cross-terminology links in the UMLS. AMIA ... Annual Symposium proceedings, 2006, , 624-8.	0.2	3
144	Decompositional terminology translation using network analysis. AMIA ... Annual Symposium proceedings, 2007, , 588-92.	0.2	3

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145	The contribution of observational studies and clinical context information for guiding the integration of infobuttons into clinical information systems. AMIA ... Annual Symposium proceedings, 2009, 2009, 109-13.	0.2	3
146	Computationally Comparing and Analyzing All Published Scoring Systems for Diagnosis of Disseminated Intravascular Coagulation. Studies in Health Technology and Informatics, 2015, 216, 956.	0.3	3
147	Using Timeline Displays to Improve Medication Reconciliation. , 2009, , .		2
148	Infobuttons and Point of Care Access to Knowledge. , 2014, , 515-549.		2
149	Development of infobuttons in a wireless environment. AMIA ... Annual Symposium proceedings, 2003, , 906.	0.2	2
150	Enriching the structure of the UMLS semantic network. Proceedings, 2002, , 939-43.	0.6	2
151	Piloting a deceased subject integrated data repository and protecting privacy of relatives. AMIA ... Annual Symposium proceedings, 2014, 2014, 719-28.	0.2	2
152	Reproducing a Prospective Clinical Study as a Computational Retrospective Study in MIMIC-II. AMIA ... Annual Symposium proceedings, 2015, 2015, 804-13.	0.2	2
153	How well do electronic systems represent colorectal cancer surgery concepts? Evaluation of SNOMED-CT, ICD9-CM, and CPT-4 for content coverage. Journal of the American College of Surgeons, 2006, 203, S69-S70.	0.5	1
154	James Ernest (Jack) Cimino: Inventor of Arteriovenous Fistula. , 2012, , 125-133.		1
155	A multi-site cognitive task analysis for biomedical query mediation. International Journal of Medical Informatics, 2016, 93, 74-84.	3.3	1
156	Clinical Research Data. , 2018, , 547-557.		1
157	The Biomedical Translational Research Information System: Clinical Data Integration at the National Institutes of Health. Lecture Notes in Computer Science, 2012, , 92-92.	1.3	1
158	A comparison of two methods for retrieving ICD-9-CM data: The effect of using an ontology-based method for handling terminology changes. AMIA ... Annual Symposium proceedings, 2007, , 841-5.	0.2	1
159	Auditing dynamic links to online information resources. AMIA ... Annual Symposium proceedings, 2007, , 448-52.	0.2	1
160	Identifying the Clinical Laboratory Tests from Unspecified "Other Lab Test" Data for Secondary Use. AMIA ... Annual Symposium proceedings, 2015, 2015, 1018-23.	0.2	1
161	i3b3: Infobuttons for i2b2 as a Mechanism for Investigating the Information Needs of Clinical Researchers. AMIA ... Annual Symposium proceedings, 2016, 2016, 696-704.	0.2	1
162	Normalization of Phenotypic Data from a Clinical Data Warehouse: Case Study of Heterogeneous Blood Type Data with Surprising Results. Studies in Health Technology and Informatics, 2015, 216, 559-63.	0.3	1

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163	The anatomy of clinical documentation: an assessment and classification of narrative note sections format and content. AMIA ... Annual Symposium proceedings, 2020, 2020, 319-328.	0.2	1
164	Identifying Repetitive Institutional Review Board Stipulations by Natural Language Processing and Network Analysis. Studies in Health Technology and Informatics, 2015, 216, 579-83.	0.3	1
165	Physicians' perceptions about a semantically integrated display for chart review: A Multi-Specialty survey. International Journal of Medical Informatics, 2022, 163, 104788.	3.3	1
166	Clinical Knowledge and Practice in the Information Age: A Handbook for Health Professionals. Journal of Biomedical Informatics, 2001, 34, 144-145.	4.3	0
167	Clinical Research Data. , 2012, , 501-508.		0
168	An investigation into the feasibility of spoken clinical question answering. AMIA ... Annual Symposium proceedings, 2011, 2011, 954-9.	0.2	0
169	Adapting a Clinical Data Repository to ICD-10-CM through the use of a Terminology Repository. AMIA ... Annual Symposium proceedings, 2014, 2014, 405-13.	0.2	0
170	Locating relevant patient information in electronic health record data using representations of clinical concepts and database structures. AMIA ... Annual Symposium proceedings, 2014, 2014, 969-75.	0.2	0
171	Characterization of the Context of Drug Concepts in Research Protocols: An Empiric Study to Guide Ontology Development. AMIA ... Annual Symposium proceedings, 2015, 2015, 441-7.	0.2	0
172	Capturing Clinician Reasoning in Electronic Health Records: An Exploratory Study of Under-Treated Essential Hypertension. AMIA ... Annual Symposium proceedings, 2020, 2020, 311-318.	0.2	0
173	The biomedical informatics short course at Woods Hole/Georgia: Training to support institutional change. Information Services and Use, 2022, , 1-13.	0.2	0