

Lucila Ohno-Machado

List of Publications by Year in descending order

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Version: 2024-02-01

229
papers

13,703
citations

41344

49
h-index

24982

109
g-index

233
all docs

233
docs citations

233
times ranked

18199
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness and Safety of Biologic Therapy in Hispanic Vs Non-Hispanic Patients With Inflammatory Bowel Diseases: A CA-IBD Cohort Study. <i>Clinical Gastroenterology and Hepatology</i> , 2023, 21, 173-181.e5.	4.4	4
2	VERTICOX: Vertically Distributed Cox Proportional Hazards Model Using the Alternating Direction Method of Multipliers. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2022, 34, 996-1010.	5.7	10
3	Antibodies to Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) in <i>All of Us</i> Research Program Participants, 2 January to 18 March 2020. <i>Clinical Infectious Diseases</i> , 2022, 74, 584-590.	5.8	26
4	Digital Health Technologies for Remote Monitoring and Management of Inflammatory Bowel Disease: A Systematic Review. <i>American Journal of Gastroenterology</i> , 2022, 117, 78-97.	0.4	22
5	National Estimates of Financial Hardship From Medical Bills and Cost-related Medication Nonadherence in Patients With Inflammatory Bowel Diseases in the United States. <i>Inflammatory Bowel Diseases</i> , 2021, 27, 1068-1078.	1.9	12
6	Frailty Is Independently Associated with Mortality and Readmission in Hospitalized Patients with Inflammatory Bowel Diseases. <i>Clinical Gastroenterology and Hepatology</i> , 2021, 19, 2054-2063.e14.	4.4	52
7	Prevalence and Effects of Food Insecurity and Social Support on Financial Toxicity in and Healthcare Use by Patients With Inflammatory Bowel Diseases. <i>Clinical Gastroenterology and Hepatology</i> , 2021, 19, 1377-1386.e5.	4.4	17
8	Privacy-protecting, reliable response data discovery using COVID-19 patient observations. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 1765-1776.	4.4	10
9	Calibrating predictive model estimates in a distributed network of patient data. <i>Journal of Biomedical Informatics</i> , 2021, 117, 103758.	4.3	5
10	Benchmarking blockchain-based gene-drug interaction data sharing methods: A case study from the iDASH 2019 secure genome analysis competition blockchain track. <i>International Journal of Medical Informatics</i> , 2021, 154, 104559.	3.3	19
11	VERTical Grid lOgistic regression with Confidence Intervals (VERTIGO-CI). <i>AMIA Summits on Translational Science Proceedings</i> , 2021, 2021, 355-364.	0.4	0
12	Secure and Differentially Private Logistic Regression for Horizontally Distributed Data. <i>IEEE Transactions on Information Forensics and Security</i> , 2020, 15, 695-710.	6.9	41
13	Protecting patient privacy in survival analyses. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 366-375.	4.4	14
14	iDASH secure genome analysis competition 2018: blockchain genomic data access logging, homomorphic encryption on GWAS, and DNA segment searching. <i>BMC Medical Genomics</i> , 2020, 13, 98.	1.5	22
15	A systematic literature review of Native American and Pacific Islanders's™ perspectives on health data privacy in the United States. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 1987-1998.	4.4	15
16	EXpectation Propagation LOGistic REgRession on permissioned blockCHAIN (ExplorerChain): decentralized online healthcare/genomics predictive model learning. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 747-756.	4.4	41
17	COVID-19 TestNorm: A tool to normalize COVID-19 testing names to LOINC codes. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 1437-1442.	4.4	12
18	Promoting Quality Face-to-Face Communication during Ophthalmology Encounters in the Electronic Health Record Era. <i>Applied Clinical Informatics</i> , 2020, 11, 130-141.	1.7	6

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19	Privacy challenges and research opportunities for genomic data sharing. <i>Nature Genetics</i> , 2020, 52, 646-654.	21.4	85
20	The Data Tags Suite (DATS) model for discovering data access and use requirements. <i>GigaScience</i> , 2020, 9, .	6.4	9
21	A tutorial on calibration measurements and calibration models for clinical prediction models. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 621-633.	4.4	188
22	Active Surveillance of the Implantable Cardioverter-Defibrillator Registry for Defibrillator Lead Failures. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020, 13, e006105.	2.2	8
23	Evaluating and sharing global genetic ancestry in biomedical datasets. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 457-461.	4.4	9
24	Time Requirements of Paper-Based Clinical Workflows and After-Hours Documentation in a Multispecialty Academic Ophthalmology Practice. <i>American Journal of Ophthalmology</i> , 2019, 206, 161-167.	3.3	6
25	Comparison of blockchain platforms: a systematic review and healthcare examples. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 462-478.	4.4	190
26	Fair compute loads enabled by blockchain: sharing models by alternating client and server roles. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 392-403.	4.4	47
27	Engaging heart failure patients from a clinical data research network: A survey on willingness to participate in different types of research. <i>AMIA ... Annual Symposium proceedings</i> , 2019, 2019, 305-312.	0.2	1
28	User needs analysis and usability assessment of DataMed â€“ a biomedical data discovery index. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018, 25, 337-344.	4.4	13
29	Perfectly Secure and Efficient Two-Party Electronic-Health-Record Linkage. <i>IEEE Internet Computing</i> , 2018, 22, 32-41.	3.3	18
30	DataMed â€“ an open source discovery index for finding biomedical datasets. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018, 25, 300-308.	4.4	54
31	Population Health Management for Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2018, 154, 37-45.	1.3	58
32	A Novel Stakeholder Engagement Approach for Patient-centered Outcomes Research. <i>Medical Care</i> , 2018, 56, S41-S47.	2.4	34
33	Privacy Policy and Technology in Biomedical Data Science. <i>Annual Review of Biomedical Data Science</i> , 2018, 1, 115-129.	6.5	28
34	Finding relevant biomedical datasets: the UC San Diego solution for the bioCADDIE Retrieval Challenge. <i>Database: the Journal of Biological Databases and Curation</i> , 2018, 2018, .	3.0	8
35	PRINCESS: Privacy-protecting Rare disease International Network Collaboration via Encryption through Software guard extensionS. <i>Bioinformatics</i> , 2017, 33, 871-878.	4.1	75
36	Integrated precision medicine: the role of electronic health records in delivering personalized treatment. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2017, 9, e1378.	6.6	45

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37	A risk prediction score for acute kidney injury in the intensive care unit. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, 814-822.	0.7	144
38	Developing a framework for digital objects in the Big Data to Knowledge (BD2K) commons: Report from the Commons Framework Pilots workshop. <i>Journal of Biomedical Informatics</i> , 2017, 71, 49-57.	4.3	24
39	A Predictive Model for Extended Postanesthesia Care Unit Length of Stay in Outpatient Surgeries. <i>Anesthesia and Analgesia</i> , 2017, 124, 1529-1536.	2.2	27
40	Finding useful data across multiple biomedical data repositories using DataMed. <i>Nature Genetics</i> , 2017, 49, 816-819.	21.4	77
41	Blockchain distributed ledger technologies for biomedical and health care applications. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 1211-1220.	4.4	822
42	DATS, the data tag suite to enable discoverability of datasets. <i>Scientific Data</i> , 2017, 4, 170059.	5.3	67
43	Genome privacy: challenges, technical approaches to mitigate risk, and ethical considerations in the United States. <i>Annals of the New York Academy of Sciences</i> , 2017, 1387, 73-83.	3.8	50
44	iCONCUR: informed consent for clinical data and bio-sample use for research. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 380-387.	4.4	41
45	A publicly available benchmark for biomedical dataset retrieval: the reference standard for the 2016 bioCADDIE dataset retrieval challenge. <i>Database: the Journal of Biological Databases and Curation</i> , 2017, 2017, .	3.0	26
46	Information retrieval for biomedical datasets: the 2016 bioCADDIE dataset retrieval challenge. <i>Database: the Journal of Biological Databases and Curation</i> , 2017, 2017, .	3.0	22
47	MiRIAD update: using alternative polyadenylation, protein interaction network analysis and additional species to enhance exploration of the role of intragenic miRNAs and their host genes. <i>Database: the Journal of Biological Databases and Curation</i> , 2017, 2017, .	3.0	10
48	Development of a Web Service for Analysis in a Distributed Network. <i>EGEMS (Washington, DC)</i> , 2017, 2, 22.	2.0	6
49	Consensus Statement on Electronic Health Predictive Analytics: A Guiding Framework to Address Challenges. <i>EGEMS (Washington, DC)</i> , 2017, 4, 3.	2.0	41
50	A Scalable Privacy-preserving Data Generation Methodology for Exploratory Analysis. <i>AMIA ... Annual Symposium proceedings</i> , 2017, 2017, 1695-1704.	0.2	0
51	Protecting genomic data analytics in the cloud: state of the art and opportunities. <i>BMC Medical Genomics</i> , 2016, 9, 63.	1.5	43
52	Secure Multi-pArty Computation Grid LOGistic REgression (SMAC-GLORE). <i>BMC Medical Informatics and Decision Making</i> , 2016, 16, 89.	3.0	40
53	Building a Natural Language Processing Tool to Identify Patients With High Clinical Suspicion for Kawasaki Disease from Emergency Department Notes. <i>Academic Emergency Medicine</i> , 2016, 23, 628-636.	1.8	44
54	VERTical Grid LOGistic regression (VERTIGO). <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016, 23, 570-579.	4.4	42

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55	Ensembles of NLP Tools for Data Element Extraction from Clinical Notes. AMIA ... Annual Symposium proceedings, 2016, 2016, 1880-1889.	0.2	8
56	Feasibility of Representing Data from Published Nursing Research Using the OMOP Common Data Model. AMIA ... Annual Symposium proceedings, 2016, 2016, 715-723.	0.2	2
57	Alternative Polyadenylation Allows Differential Negative Feedback of Human miRNA miR-579 on Its Host Gene ZFR. PLoS ONE, 2015, 10, e0121507.	2.5	24
58	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.	4.4	18
59	Trends in biomedical informatics: automated topic analysis of JAMIA articles. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 1153-1163.	4.4	16
60	Comparison of consumers'™ views on electronic data sharing for healthcare and research. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 821-830.	4.4	108
61	Grid multi-category response logistic models. BMC Medical Informatics and Decision Making, 2015, 15, 10.	3.0	15
62	Preserving Genome Privacy in Research Studies. , 2015, , 425-441.		4
63	WebDISCO: a web service for distributed cox model learning without patient-level data sharing. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 1212-1219.	4.4	104
64	<i>Splicing Express</i>: a software suite for alternative splicing analysis using next-generation sequencing data. PeerJ, 2015, 3, e1419.	2.0	9
65	Ranking Medical Subject Headings using a factor graph model. AMIA Summits on Translational Science Proceedings, 2015, 2015, 56-63.	0.4	0
66	Prediction of MicroRNA Precursors Using Parsimonious Feature Sets. Cancer Informatics, 2014, 13s1, CIN.S13877.	1.9	2
67	Privacy Preserving RBF Kernel Support Vector Machine. BioMed Research International, 2014, 2014, 1-10.	1.9	22
68	Data governance requirements for distributed clinical research networks: triangulating perspectives of diverse stakeholders. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 714-719.	4.4	27
69	Disseminating informatics knowledge and training the next generation of leaders. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 954-956.	4.4	0
70	MAGI: a Node.js web service for fast microRNA-Seq analysis in a GPU infrastructure. Bioinformatics, 2014, 30, 2826-2827.	4.1	23
71	miRIADâ€™integrating microRNA inter- and intragenic data. Database: the Journal of Biological Databases and Curation, 2014, 2014, .	3.0	85
72	Detecting inappropriate access to electronic health records using collaborative filtering. Machine Learning, 2014, 95, 87-101.	5.4	30

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73	Electronic health record systems: risks and benefits. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, e1-e1.	4.4	4
74	pSCANNER: patient-centered Scalable National Network for Effectiveness Research. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 621-626.	4.4	80
75	Networking the country to promote health and scientific discovery. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 575-575.	4.4	3
76	Generation of Knowledge for Clinical Decision Support. , 2014, , 309-337.		4
77	PhenDisco: phenotype discovery system for the database of genotypes and phenotypes. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 31-36.	4.4	10
78	NIH'sBig Data to Knowledgeinitiative and the advancement of biomedical informatics. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 193-193.	4.4	29
79	HUGO: Hierarchical mUlti-reference Genome cOmpression for aligned reads. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 363-373.	4.4	19
80	Big Data In Health Care: Using Analytics To Identify And Manage High-Risk And High-Cost Patients. Health Affairs, 2014, 33, 1123-1131.	5.2	906
81	Differentially private distributed logistic regression using private and public data. BMC Medical Genomics, 2014, 7, S14.	1.5	54
82	GAMUT: GPU accelerated microRNA analysis to uncover target genes through CUDA-miRanda. BMC Medical Genomics, 2014, 7, S9.	1.5	20
83	Structuring text and standardizing data for clinical and population health applications. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 763-763.	4.4	3
84	A community assessment of privacy preserving techniques for human genomes. BMC Medical Informatics and Decision Making, 2014, 14, S1.	3.0	44
85	Natural Language Processing in Biomedicine: A Unified System Architecture Overview. Methods in Molecular Biology, 2014, 1168, 275-294.	0.9	61
86	Sharing my health data: a survey of data sharing preferences of healthy individuals. AMIA ... Annual Symposium proceedings, 2014, 2014, 1699-708.	0.2	26
87	Trends in publication of nursing informatics research. AMIA ... Annual Symposium proceedings, 2014, 2014, 805-14.	0.2	2
88	DELPHI: Data E-platform for personalized population health. , 2013, , .		2
89	Setting Up an Intronic miRNA Database. Methods in Molecular Biology, 2013, 936, 69-76.	0.9	6
90	Comparison of Four Prediction Models to Discriminate Benign From Malignant Vertebral Compression Fractures According to MRI Feature Analysis. American Journal of Roentgenology, 2013, 200, 493-502.	2.2	21

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91	EXpectation Propagation LOGistic REgRession (EXPLORER): Distributed privacy-preserving online model learning. Journal of Biomedical Informatics, 2013, 46, 480-496.	4.3	60
92	An Adaptive Difference Distribution-Based Coding with Hierarchical Tree Structure for DNA Sequence Compression. , 2013, 2013, 371-380.		2
93	Health surveillance using the internet and other sources of information. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 403-403.	4.4	1
94	SHARE: system design and case studies for statistical health information release. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 109-116.	4.4	29
95	Sharing data for the public good and protecting individual privacy: informatics solutions to combine different goals. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 1-1.	4.4	23
96	Informatics that works for you. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 211-211.	4.4	0
97	Electronic health records: monitoring the return on large investments. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, e1-e1.	4.4	6
98	Natural language processing: algorithms and tools to extract computable information from EHRs and from the biomedical literature. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 805-805.	4.4	41
99	Data science and informatics: when it comes to biomedical data, is there a real distinction?. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 1009-1009.	4.4	14
100	WebGLORE: a Web service for Grid LOGistic REgression. Bioinformatics, 2013, 29, 3238-3240.	4.1	35
101	Making it personal: translational bioinformatics. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 595-596.	4.4	13
102	Privacy-preserving heterogeneous health data sharing. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 462-469.	4.4	40
103	Nucleotide sequence alignment using sparse coding and belief propagation. , 2013, 2013, 588-91.		1
104	Abstractions for genomics. Communications of the ACM, 2013, 56, 83-93.	4.5	12
105	Game changer: how informatics moved from a supporting role to a central position in healthcare. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, e197-e197.	4.4	1
106	Recent trends in biomedical informatics: a study based onJAMIAarticles. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, e198-e205.	4.4	15
107	Privacy Technology to Support Data Sharing for Comparative Effectiveness Research. Medical Care, 2013, 51, S58-S65.	2.4	30
108	Development of a Privacy and Security Policy Framework for a Multistate Comparative Effectiveness Research Network. Medical Care, 2013, 51, S66-S72.	2.4	17

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109	Biomedical CyberInfrastructure challenges. , 2013, , .		2
110	Differential Expression of miR-145 in Children with Kawasaki Disease. PLoS ONE, 2013, 8, e58159.	2.5	60
111	DNA-COMPACT: DNA COMpression Based on a Pattern-Aware Contextual Modeling Technique. PLoS ONE, 2013, 8, e80377.	2.5	25
112	Differential-Private Data Publishing Through Component Analysis. Transactions on Data Privacy, 2013, 6, 19-34.	1.0	11
113	Genomes in the cloud: balancing privacy rights and the public good. AMIA Summits on Translational Science Proceedings, 2013, 2013, 128.	0.4	3
114	SPLOOCE. RNA Biology, 2012, 9, 1339-1343.	3.1	7
115	SecUre Privacy-presERving Medical Image CompRessiOn (SUPERMICRO). , 2012, , .		2
116	A Randomized Response Model for Privacy-Preserving Data Dissemination. , 2012, , .		0
117	Building an Ontology of Phenotypes for Existing GWAS Studies. , 2012, , .		0
118	Privacy-Preserving Biometric System for Secure Fingerprint Authentication. , 2012, , .		2
119	Reviewing social media use by clinicians: Table 1. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 777-781.	4.4	272
120	Calibrating predictive model estimates to support personalized medicine. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 263-274.	4.4	95
121	iDASH: integrating data for analysis, anonymization, and sharing. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 196-201.	4.4	130
122	A patient-driven adaptive prediction technique to improve personalized risk estimation for clinical decision support. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, e137-e144.	4.4	19
123	Informatics research to enable clinically relevant, personalized genomic medicine. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 149-150.	4.4	11
124	Grid Binary LOGistic REgression (GLORE): building shared models without sharing data. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 758-764.	4.4	150
125	An improved model for predicting postoperative nausea and vomiting in ambulatory surgery patients using physician-modifiable risk factors. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 995-1002.	4.4	35
126	To Share or Not To Share: That Is Not the Question. Science Translational Medicine, 2012, 4, 165cm15.	12.4	27

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127	A Robust Feature Selection Method for Novel Pre-microRNA Identification Using a Combination of Nucleotide-Structure Triplets. , 2012, , .		3
128	Enhancing Twitter Data Analysis with Simple Semantic Filtering: Example in Tracking Influenza-Like Illnesses. , 2012, , .		31
129	A Primer on the Current State of Microarray Technologies. <i>Methods in Molecular Biology</i> , 2012, 802, 3-17.	0.9	12
130	Doubly Optimized Calibrated Support Vector Machine (DOC-SVM): An Algorithm for Joint Optimization of Discrimination and Calibration. <i>PLoS ONE</i> , 2012, 7, e48823.	2.5	9
131	I-spline Smoothing for Calibrating Predictive Models. <i>AMIA Summits on Translational Science Proceedings</i> , 2012, 2012, 39-46.	0.4	2
132	A collaborative framework for Distributed Privacy-Preserving Support Vector Machine learning. <i>AMIA ... Annual Symposium proceedings</i> , 2012, 2012, 1350-9.	0.2	5
133	Selecting cases for whom additional tests can improve prognostication. <i>AMIA ... Annual Symposium proceedings</i> , 2012, 2012, 1260-8.	0.2	3
134	Preserving Institutional Privacy in Distributed binary Logistic Regression. <i>AMIA ... Annual Symposium proceedings</i> , 2012, 2012, 1450-8.	0.2	6
135	A hybrid open-access model to bridge the publishing divide and reach out to a broader community. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011, 18, 210-211.	4.4	4
136	AnyExpress: Integrated toolkit for analysis of cross-platform gene expression data using a fast interval matching algorithm. <i>BMC Bioinformatics</i> , 2011, 12, 75.	2.6	12
137	Twist1-Induced Invadopodia Formation Promotes Tumor Metastasis. <i>Cancer Cell</i> , 2011, 19, 372-386.	16.8	423
138	Evaluation of informatics systems: beyond RCTs and beyond the hospital. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011, 18, 110-111.	4.4	4
139	Trends in biomedical informatics: most cited topics from recent years. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011, 18, i166-i170.	4.4	15
140	Snail2 is an Essential Mediator of Twist1-Induced Epithelial Mesenchymal Transition and Metastasis. <i>Cancer Research</i> , 2011, 71, 245-254.	0.9	354
141	Using statistical and machine learning to help institutions detect suspicious access to electronic health records. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011, 18, 498-505.	4.4	72
142	Translational bioinformatics: linking knowledge across biological and clinical realms: Figure 1. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011, 18, 354-357.	4.4	61
143	Informatics is about algorithms, systems, people, and social networks. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011, 18, 209-209.	4.4	1
144	Biomedical informatics: how we got here and where we are headed. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011, 18, 351-351.	4.4	0

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145	A new<i>JAMIA</i>. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 2-2.	4.4	23
146	What's new in informatics. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 1-1.	4.4	2
147	Distinct patterns of somatic alterations in a lymphoblastoid and a tumor genome derived from the same individual. Nucleic Acids Research, 2011, 39, 6056-6068.	14.5	19
148	Natural language processing: an introduction. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 544-551.	4.4	962
149	Anomaly and signature filtering improve classifier performance for detection of suspicious access to EHRs. AMIA ... Annual Symposium proceedings, 2011, 2011, 723-31.	0.2	4
150	Improving predictions in imbalanced data using Pairwise Expanded Logistic Regression. AMIA ... Annual Symposium proceedings, 2011, 2011, 625-34.	0.2	4
151	Smooth isotonic regression: a new method to calibrate predictive models. AMIA Summits on Translational Science Proceedings, 2011, 2011, 16-20.	0.4	8
152	Assessing the quality of annotations in asthma gene expression experiments. BMC Bioinformatics, 2010, 11, S8.	2.6	1
153	A potential role for intragenic miRNAs on their hosts' interactome. BMC Genomics, 2010, 11, 533.	2.8	142
154	Automating pressure ulcer risk assessment using documented patient data. International Journal of Medical Informatics, 2010, 79, 840-848.	3.3	12
155	DSGeo: Software tools for cross-platform analysis of gene expression data in GEO. Journal of Biomedical Informatics, 2010, 43, 709-715.	4.3	13
156	Smart medical environment at the point of care: Auto-tracking clinical interventions at the bed side using RFID technology. Computers in Biology and Medicine, 2010, 40, 545-554.	7.0	52
157	Positive Predictive Value of CT Urography in the Evaluation of Upper Tract Urothelial Cancer. American Journal of Roentgenology, 2010, 195, W337-W343.	2.2	43
158	Adding the Human Element: Experience with a Wireless Patient Monitoring System. , 2010, , 259-277.		0
159	Effect of data combination on predictive modeling: a study using gene expression data. AMIA ... Annual Symposium proceedings, 2010, 2010, 567-71.	0.2	7
160	PositionMatcher: A Fast Custom-Annotation Tool for Short DNA Sequences. Summit on Translational Bioinformatics, 2010, 2010, 25-9.	0.7	1
161	Is there an advantage in scoring early embryos on more than one day?. Human Reproduction, 2009, 24, 2104-2113.	0.9	102
162	Validation of an Automated Safety Surveillance System with Prospective, Randomized Trial Data. Medical Decision Making, 2009, 29, 247-256.	2.4	21

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163	Evaluation of a large-scale biomedical data annotation initiative. BMC Bioinformatics, 2009, 10, S10.	2.6	16
164	Towards large-scale sample annotation in gene expression repositories. BMC Bioinformatics, 2009, 10, S9.	2.6	7
165	Presentation of the 2008 Morris F. Collen Award to Robert A. Greenes. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 413-418.	4.4	0
166	Using ambient intelligence for physiological monitoring. Journal of Ambient Intelligence and Smart Environments, 2009, 1, 129-142.	1.4	5
167	SMART. International Journal of Healthcare Delivery Reform Initiatives, 2009, 1, 1-16.	0.0	0
168	SMART—An Integrated Wireless System for Monitoring Unattended Patients. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 44-53.	4.4	89
169	Angiogenic heterogeneity in head and neck squamous cell carcinoma: biological and therapeutic implications. Laboratory Investigation, 2008, 88, 342-353.	3.7	53
170	Validation of oligoarrays for quantitative exploration of the transcriptome. BMC Genomics, 2008, 9, 258.	2.8	5
171	Peripheral arterial occlusive disease: Global gene expression analyses suggest a major role for immune and inflammatory responses. BMC Genomics, 2008, 9, 369.	2.8	50
172	Risk-adjusted sequential probability ratio test control chart methods for monitoring operator and institutional mortality rates in interventional cardiology. American Heart Journal, 2008, 155, 114-120.	2.7	29
173	Physiological Signal Monitoring in the Waiting Areas of an Emergency Room. , 2008, , .		50
174	Improving calibration of logistic regression models by local estimates. AMIA ... Annual Symposium proceedings, 2008, , 535-9.	0.2	3
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