

Lucila Ohno-Machado

List of Publications by Year in descending order

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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	Logistic regression and artificial neural network classification models: a methodology review. Journal of Biomedical Informatics, 2002, 35, 352-359.	4.3	1,523
2	Natural language processing: an introduction. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 544-551.	4.4	962
3	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
4	Blockchain distributed ledger technologies for biomedical and health care applications. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 1211-1220.	4.4	822
5	The use of receiver operating characteristic curves in biomedical informatics. Journal of Biomedical Informatics, 2005, 38, 404-415.	4.3	720
6	Genomic Analysis of Mouse Retinal Development. PLoS Biology, 2004, 2, e247.	5.6	550
7	Analysis of matched mRNA measurements from two different microarray technologies. Bioinformatics, 2002, 18, 405-412.	4.1	441
8	Twist1-Induced Invadopodia Formation Promotes Tumor Metastasis. Cancer Cell, 2011, 19, 372-386.	16.8	423
9	Snail2 is an Essential Mediator of Twist1-Induced Epithelial Mesenchymal Transition and Metastasis. Cancer Research, 2011, 71, 245-254.	0.9	354
10	Reviewing social media use by clinicians: Table 1. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 777-781.	4.4	272
11	A Comparison of Machine Learning Methods for the Diagnosis of Pigmented Skin Lesions. Journal of Biomedical Informatics, 2001, 34, 28-36.	4.3	229
12	No-reflow is an independent predictor of death and myocardial infarction after percutaneous coronary intervention. American Heart Journal, 2003, 145, 42-46.	2.7	224
13	Comparison of blockchain platforms: a systematic review and healthcare examples. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 462-478.	4.4	190
14	A tutorial on calibration measurements and calibration models for clinical prediction models. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 621-633.	4.4	188
15	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
16	A sequence-oriented comparison of gene expression measurements across different hybridization-based technologies. Nature Biotechnology, 2006, 24, 832-840.	17.5	144
17	A risk prediction score for acute kidney injury in the intensive care unit. Nephrology Dialysis Transplantation, 2017, 32, 814-822.	0.7	144
18	A potential role for intragenic miRNAs on their hosts' interactome. BMC Genomics, 2010, 11, 533.	2.8	142

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19	Comparing Three-class Diagnostic Tests by Three-way ROC Analysis. <i>Medical Decision Making</i> , 2000, 20, 323-331.	2.4	135
20	iDASH: integrating data for analysis, anonymization, and sharing. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012, 19, 196-201.	4.4	130
21	Comparison of consumers' views on electronic data sharing for healthcare and research. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015, 22, 821-830.	4.4	108
22	WebDISCO: a web service for distributed cox model learning without patient-level data sharing. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015, 22, 1212-1219.	4.4	104
23	Modeling Medical Prognosis: Survival Analysis Techniques. <i>Journal of Biomedical Informatics</i> , 2001, 34, 428-439.	4.3	102
24	Is there an advantage in scoring early embryos on more than one day?. <i>Human Reproduction</i> , 2009, 24, 2104-2113.	0.9	102
25	Calibrating predictive model estimates to support personalized medicine. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012, 19, 263-274.	4.4	95
26	Supratentorial Low-Grade Glioma Resectability: Statistical Predictive Analysis Based on Anatomic MR Features and Tumor Characteristics. <i>Radiology</i> , 2006, 239, 506-513.	7.3	91
27	SMART—An Integrated Wireless System for Monitoring Unattended Patients. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2008, 15, 44-53.	4.4	89
28	Vascular closure devices and the risk of vascular complications after percutaneous coronary intervention in patients receiving glycoprotein IIb/IIIa inhibitors. <i>American Journal of Cardiology</i> , 2001, 88, 493-496.	1.6	85
29	miRIAD—integrating microRNA inter- and intragenic data. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, .	3.0	85
30	Privacy challenges and research opportunities for genomic data sharing. <i>Nature Genetics</i> , 2020, 52, 646-654.	21.4	85
31	pSCANNER: patient-centered Scalable National Network for Effectiveness Research. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014, 21, 621-626.	4.4	80
32	Finding useful data across multiple biomedical data repositories using DataMed. <i>Nature Genetics</i> , 2017, 49, 816-819.	21.4	77
33	Simplified risk score models accurately predict the risk of major in-hospital complications following percutaneous coronary intervention. <i>American Journal of Cardiology</i> , 2001, 88, 5-9.	1.6	75
34	PRINCESS: Privacy-protecting Rare disease International Network Collaboration via Encryption through Software guard extensionS. <i>Bioinformatics</i> , 2017, 33, 871-878.	4.1	75
35	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
36	DATS, the data tag suite to enable discoverability of datasets. <i>Scientific Data</i> , 2017, 4, 170059.	5.3	67

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37	Comparison of hybridization-based and sequencing-based gene expression technologies on biological replicates. <i>BMC Genomics</i> , 2007, 8, 153.	2.8	61
38	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
39	Natural Language Processing in Biomedicine: A Unified System Architecture Overview. <i>Methods in Molecular Biology</i> , 2014, 1168, 275-294.	0.9	61
40	EXpectation Propagation LOGistic REgRession (EXPLORER): Distributed privacy-preserving online model learning. <i>Journal of Biomedical Informatics</i> , 2013, 46, 480-496.	4.3	60
41	Differential Expression of miR-145 in Children with Kawasaki Disease. <i>PLoS ONE</i> , 2013, 8, e58159.	2.5	60
42	Population Health Management for Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2018, 154, 37-45.	1.3	58
43	Small, fuzzy and interpretable gene expression based classifiers. <i>Bioinformatics</i> , 2005, 21, 1964-1970.	4.1	57
44	Using Boolean reasoning to anonymize databases. <i>Artificial Intelligence in Medicine</i> , 1999, 15, 235-254.	6.5	56
45	Differentially private distributed logistic regression using private and public data. <i>BMC Medical Genomics</i> , 2014, 7, S14.	1.5	54
46	DataMed – 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
47	Angiogenic heterogeneity in head and neck squamous cell carcinoma: biological and therapeutic implications. <i>Laboratory Investigation</i> , 2008, 88, 342-353.	3.7	53
48	A neural network-based similarity index for clustering DNA microarray data. <i>Computers in Biology and Medicine</i> , 2003, 33, 1-15.	7.0	52
49	PROGNOSIS IN CRITICAL CARE. <i>Annual Review of Biomedical Engineering</i> , 2006, 8, 567-599.	12.3	52
50	Smart medical environment at the point of care: Auto-tracking clinical interventions at the bed side using RFID technology. <i>Computers in Biology and Medicine</i> , 2010, 40, 545-554.	7.0	52
51	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
52	Protecting patient privacy by quantifiable control of disclosures in disseminated databases. <i>International Journal of Medical Informatics</i> , 2004, 73, 599-606.	3.3	50
53	Peripheral arterial occlusive disease: Global gene expression analyses suggest a major role for immune and inflammatory responses. <i>BMC Genomics</i> , 2008, 9, 369.	2.8	50
54	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

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55	Physiological Signal Monitoring in the Waiting Areas of an Emergency Room. , 2008, , .		50
56	Prediction of mortality in an Indian intensive care unit. Intensive Care Medicine, 2004, 30, 248-253.	8.2	48
57	Diagnostic accuracy of chest X-rays acquired using a digital camera for low-cost teleradiology. International Journal of Medical Informatics, 2004, 73, 65-73.	3.3	47
58	Fair compute loads enabled by blockchain: sharing models by alternating client and server roles. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 392-403.	4.4	47
59	Integrated precision medicine: the role of electronic health records in delivering personalized treatment. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2017, 9, e1378.	6.6	45
60	A community assessment of privacy preserving techniques for human genomes. BMC Medical Informatics and Decision Making, 2014, 14, S1.	3.0	44
61	Building a Natural Language Processing Tool to Identify Patients With High Clinical Suspicion for Kawasaki Disease from Emergency Department Notes. Academic Emergency Medicine, 2016, 23, 628-636.	1.8	44
62	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
63	Protecting genomic data analytics in the cloud: state of the art and opportunities. BMC Medical Genomics, 2016, 9, 63.	1.5	43
64	A comparison of Cox proportional hazards and artificial neural network models for medical prognosis. Computers in Biology and Medicine, 1997, 27, 55-65.	7.0	42
65	VERTical Grid lOgistic regression (VERTIGO). Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 570-579.	4.4	42
66	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
67	iCONCUR: informed consent for clinical data and bio-sample use for research. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, 380-387.	4.4	41
68	Secure and Differentially Private Logistic Regression for Horizontally Distributed Data. IEEE Transactions on Information Forensics and Security, 2020, 15, 695-710.	6.9	41
69	EXpectation Propagation lOgistic REgRession on permissioned blockCHAIN (ExplorerChain): decentralized online healthcare/genomics predictive model learning. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 747-756.	4.4	41
70	NEURAL NETWORK APPLICATIONS IN PHYSICAL MEDICINE AND REHABILITATION1. American Journal of Physical Medicine and Rehabilitation, 1999, 78, 392-398.	1.4	41
71	Consensus Statement on Electronic Health Predictive Analytics: A Guiding Framework to Address Challenges. EGEMS (Washington, DC), 2017, 4, 3.	2.0	41
72	Privacy-preserving heterogeneous health data sharing. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 462-469.	4.4	40

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73	Secure Multi-party Computation Grid Logistic Regression (SMAC-GLORE). BMC Medical Informatics and Decision Making, 2016, 16, 89.	3.0	40
74	A primer on gene expression and microarrays for machine learning researchers. Journal of Biomedical Informatics, 2004, 37, 293-303.	4.3	35
75	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
76	WebGLORE: a Web service for Grid Logistic Regression. Bioinformatics, 2013, 29, 3238-3240.	4.1	35
77	A Novel Stakeholder Engagement Approach for Patient-centered Outcomes Research. Medical Care, 2018, 56, S41-S47.	2.4	34
78	A greedy algorithm for supervised discretization. Journal of Biomedical Informatics, 2004, 37, 285-292.	4.3	33
79	A genetic algorithm approach to multi-disorder diagnosis. Artificial Intelligence in Medicine, 2000, 18, 117-132.	6.5	32
80	Enhancing Twitter Data Analysis with Simple Semantic Filtering: Example in Tracking Influenza-Like Illnesses. , 2012, . .		31
81	Privacy Technology to Support Data Sharing for Comparative Effectiveness Research. Medical Care, 2013, 51, S58-S65.	2.4	30
82	Detecting inappropriate access to electronic health records using collaborative filtering. Machine Learning, 2014, 95, 87-101.	5.4	30
83	Effects of SVM parameter optimization on discrimination and calibration for post-procedural PCI mortality. Journal of Biomedical Informatics, 2007, 40, 688-697.	4.3	29
84	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
85	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
86	NIH's Big Data to Knowledge initiative and the advancement of biomedical informatics. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 193-193.	4.4	29
87	Privacy Policy and Technology in Biomedical Data Science. Annual Review of Biomedical Data Science, 2018, 1, 115-129.	6.5	28
88	To Share or Not To Share: That Is Not the Question. Science Translational Medicine, 2012, 4, 165cm15.	12.4	27
89	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
90	A Predictive Model for Extended Postanesthesia Care Unit Length of Stay in Outpatient Surgeries. Anesthesia and Analgesia, 2017, 124, 1529-1536.	2.2	27

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91	An Epicurean learning approach to gene-expression data classification. <i>Artificial Intelligence in Medicine</i> , 2003, 28, 75-87.	6.5	26
92	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
93	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
94	Sharing my health data: a survey of data sharing preferences of healthy individuals. <i>AMIA ... Annual Symposium proceedings</i> , 2014, 2014, 1699-708.	0.2	26
95	DNA-COMPACT: DNA COMpression Based on a Pattern-Aware Contextual Modeling Technique. <i>PLoS ONE</i> , 2013, 8, e80377.	2.5	25
96	Modular Neural Networks for Medical Prognosis: Quantifying the Benefits of Combining Neural Networks for Survival Prediction. <i>Connection Science</i> , 1997, 9, 71-86.	3.0	24
97	Using patient-reportable clinical history factors to predict myocardial infarction. <i>Computers in Biology and Medicine</i> , 2001, 31, 1-13.	7.0	24
98	Alternative Polyadenylation Allows Differential Negative Feedback of Human miRNA miR-579 on Its Host Gene ZFR. <i>PLoS ONE</i> , 2015, 10, e0121507.	2.5	24
99	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
100	A new <i>JAMIA</i>. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011, 18, 2-2.	4.4	23
101	Sharing data for the public good and protecting individual privacy: informatics solutions to combine different goals. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013, 20, 1-1.	4.4	23
102	MAGI: a Node.js web service for fast microRNA-Seq analysis in a GPU infrastructure. <i>Bioinformatics</i> , 2014, 30, 2826-2827.	4.1	23
103	Privacy Preserving RBF Kernel Support Vector Machine. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	22
104	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
105	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
106	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
107	Validation of an Automated Safety Surveillance System with Prospective, Randomized Trial Data. <i>Medical Decision Making</i> , 2009, 29, 247-256.	2.4	21
108	Comparison of Four Prediction Models to Discriminate Benign From Malignant Vertebral Compression Fractures According to MRI Feature Analysis. <i>American Journal of Roentgenology</i> , 2013, 200, 493-502.	2.2	21

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109	Sequential versus standard neural networks for pattern recognition: An example using the domain of coronary heart disease. <i>Computers in Biology and Medicine</i> , 1997, 27, 267-281.	7.0	20
110	GAMUT: GPU accelerated microRNA analysis to uncover target genes through CUDA-miRanda. <i>BMC Medical Genomics</i> , 2014, 7, S9.	1.5	20
111	Combining Classifiers Using Their Receiver Operating Characteristics and Maximum Likelihood Estimation. <i>Lecture Notes in Computer Science</i> , 2005, 8, 506-514.	1.3	20
112	Distinct patterns of somatic alterations in a lymphoblastoid and a tumor genome derived from the same individual. <i>Nucleic Acids Research</i> , 2011, 39, 6056-6068.	14.5	19
113	A patient-driven adaptive prediction technique to improve personalized risk estimation for clinical decision support. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012, 19, e137-e144.	4.4	19
114	HUGO: Hierarchical mUlti-reference Genome cOmpression for aligned reads. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014, 21, 363-373.	4.4	19
115	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
116	A system to build distributed multivariate models and manage disparate data sharing policies: implementation in the scalable national network for effectiveness research. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015, 22, 1187-1195.	4.4	18
117	Perfectly Secure and Efficient Two-Party Electronic-Health-Record Linkage. <i>IEEE Internet Computing</i> , 2018, 22, 32-41.	3.3	18
118	Monitoring Device Safety in Interventional Cardiology. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2006, 13, 180-187.	4.4	17
119	Development of a Privacy and Security Policy Framework for a Multistate Comparative Effectiveness Research Network. <i>Medical Care</i> , 2013, 51, S66-S72.	2.4	17
120	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
121	Exploration of a Bayesian Updating Methodology to Monitor the Safety of Interventional Cardiovascular Procedures. <i>Medical Decision Making</i> , 2004, 24, 399-407.	2.4	16
122	Evaluation of a large-scale biomedical data annotation initiative. <i>BMC Bioinformatics</i> , 2009, 10, S10.	2.6	16
123	Trends in biomedical informatics: automated topic analysis of JAMIA articles. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015, 22, 1153-1163.	4.4	16
124	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
125	Recent trends in biomedical informatics: a study based on JAMIA articles. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013, 20, e198-e205.	4.4	15
126	Grid multi-category response logistic models. <i>BMC Medical Informatics and Decision Making</i> , 2015, 15, 10.	3.0	15

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127	A systematic literature review of Native American and Pacific Islanders's™ perspectives on health data privacy in the United States. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1987-1998.	4.4	15
128	Effects of Data Anonymization by Cell Suppression on Descriptive Statistics and Predictive Modeling Performance. Journal of the American Medical Informatics Association: JAMIA, 2002, 9, 115S-119.	4.4	14
129	Visualization and evaluation of clusters for exploratory analysis of gene expression data. Journal of Biomedical Informatics, 2002, 35, 25-36.	4.3	14
130	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
131	Protecting patient privacy in survival analyses. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 366-375.	4.4	14
132	A global goodness-of-fit test for receiver operating characteristic curve analysis via the bootstrap method. Journal of Biomedical Informatics, 2005, 38, 395-403.	4.3	13
133	Development of radiology prediction models using feature analysis1. Academic Radiology, 2005, 12, 415-421.	2.5	13
134	MODELING CANCER: INTEGRATION OF "OMICS" INFORMATION IN DYNAMIC SYSTEMS. Journal of Bioinformatics and Computational Biology, 2007, 05, 977-986.	0.8	13
135	DGeo: Software tools for cross-platform analysis of gene expression data in GEO. Journal of Biomedical Informatics, 2010, 43, 709-715.	4.3	13
136	Making it personal: translational bioinformatics. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 595-596.	4.4	13
137	User needs analysis and usability assessment of DataMed " a biomedical data discovery index. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 337-344.	4.4	13
138	Research on machine learning issues in biomedical informatics modeling. Journal of Biomedical Informatics, 2004, 37, 221-223.	4.3	12
139	Automating pressure ulcer risk assessment using documented patient data. International Journal of Medical Informatics, 2010, 79, 840-848.	3.3	12
140	AnyExpress: Integrated toolkit for analysis of cross-platform gene expression data using a fast interval matching algorithm. BMC Bioinformatics, 2011, 12, 75.	2.6	12
141	Abstractions for genomics. Communications of the ACM, 2013, 56, 83-93.	4.5	12
142	National Estimates of Financial Hardship From Medical Bills and Cost-related Medication Nonadherence in Patients With Inflammatory Bowel Diseases in the United States. Inflammatory Bowel Diseases, 2021, 27, 1068-1078.	1.9	12
143	COVID-19 TestNorm: A tool to normalize COVID-19 testing names to LOINC codes. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1437-1442.	4.4	12
144	A Primer on the Current State of Microarray Technologies. Methods in Molecular Biology, 2012, 802, 3-17.	0.9	12

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145	Multivariate selection of genetic markers in diagnostic classification. Artificial Intelligence in Medicine, 2004, 31, 155-167.	6.5	11
146	Informatics research to enable clinically relevant, personalized genomic medicine. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 149-150.	4.4	11
147	Differential-Private Data Publishing Through Component Analysis. Transactions on Data Privacy, 2013, 6, 19-34.	1.0	11
148	The Goodman-Kruskal Coefficient and Its Applications in Genetic Diagnosis of Cancer. IEEE Transactions on Biomedical Engineering, 2004, 51, 1095-1102.	4.2	10
149	Automatic correspondence of tags and genes (ACTG): a tool for the analysis of SAGE, MPSS and SBS data. Bioinformatics, 2007, 23, 903-905.	4.1	10
150	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
151	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. Database: the Journal of Biological Databases and Curation, 2017, 2017, .	3.0	10
152	VERTICOX: Vertically Distributed Cox Proportional Hazards Model Using the Alternating Direction Method of Multipliers. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 996-1010.	5.7	10
153	Privacy-protecting, reliable response data discovery using COVID-19 patient observations. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1765-1776.	4.4	10
154	Evaluating and sharing global genetic ancestry in biomedical datasets. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 457-461.	4.4	9
155	The Data Tags Suite (DATS) model for discovering data access and use requirements. GigaScience, 2020, 9, .	6.4	9
156	Doubly Optimized Calibrated Support Vector Machine (DOC-SVM): An Algorithm for Joint Optimization of Discrimination and Calibration. PLoS ONE, 2012, 7, e48823.	2.5	9
157	Splicing Express: a software suite for alternative splicing analysis using next-generation sequencing data. PeerJ, 2015, 3, e1419.	2.0	9
158	Finding relevant biomedical datasets: the UC San Diego solution for the bioCADDIE Retrieval Challenge. Database: the Journal of Biological Databases and Curation, 2018, 2018, .	3.0	8
159	Active Surveillance of the Implantable Cardioverter-Defibrillator Registry for Defibrillator Lead Failures. Circulation: Cardiovascular Quality and Outcomes, 2020, 13, e006105.	2.2	8
160	Rare adverse event monitoring of medical devices with the use of an automated surveillance tool. AMIA ... Annual Symposium proceedings, 2007, , 518-22.	0.2	8
161	Smooth isotonic regression: a new method to calibrate predictive models. AMIA Summits on Translational Science Proceedings, 2011, 2011, 16-20.	0.4	8
162	Ensembles of NLP Tools for Data Element Extraction from Clinical Notes. AMIA ... Annual Symposium proceedings, 2016, 2016, 1880-1889.	0.2	8

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163	Deciphering gene expression profiles generated from DNA microarrays and their applications in oral medicine. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2004, 97, 584-591.	1.4	7
164	Towards large-scale sample annotation in gene expression repositories. <i>BMC Bioinformatics</i> , 2009, 10, S9.	2.6	7
165	SPLOOCE. <i>RNA Biology</i> , 2012, 9, 1339-1343.	3.1	7
166	Effect of data combination on predictive modeling: a study using gene expression data. <i>AMIA ... Annual Symposium proceedings</i> , 2010, 2010, 567-71.	0.2	7
167	Setting Up an Intronic miRNA Database. <i>Methods in Molecular Biology</i> , 2013, 936, 69-76.	0.9	6
168	Electronic health records: monitoring the return on large investments. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013, 20, e1-e1.	4.4	6
169	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
170	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
171	Development of a Web Service for Analysis in a Distributed Network. <i>EGEMS (Washington, DC)</i> , 2017, 2, 22.	2.0	6
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