Isaac S Kohane

List of Publications by Year
in descending order

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200	21,092	22548 61	14012 133
papers	citations	h-index	g-index

287	287	287	33093
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multi-PheWAS intersection approach to identify sex differences across comorbidities in 59 140 pediatric patients with autism spectrum disorder. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 230-238.	2.2	5
2	Fecal microbiota transplantation and Clostridioides difficile infection among privately insured patients in the United States. Journal of Gastroenterology, 2022, 57, 10-18.	2.3	1
3	How NFTs could transform health information exchange. Science, 2022, 375, 500-502.	6.0	32
4	Large-scale real-world data analysis identifies comorbidity patterns in schizophrenia. Translational Psychiatry, 2022, 12, 154.	2.4	6
5	Building an i2b2-Based Population Repository for COVID-19 Research. Studies in Health Technology and Informatics, 2022, , .	0.2	1
6	Association of Race and Socioeconomic Disadvantage With Missed Telemedicine Visits for Pediatric Patients During the COVID-19 Pandemic. JAMA Pediatrics, 2022, 176, 933.	3.3	6
7	International comparisons of laboratory values from the 4CE collaborative to predict COVID-19 mortality. Npj Digital Medicine, 2022, 5, .	5.7	7
8	Changes in laboratory value improvement and mortality rates over the course of the pandemic: an international retrospective cohort study of hospitalised patients infected with SARS-CoV-2. BMJ Open, 2022, 12, e057725.	0.8	4
9	International electronic health record-derived post-acute sequelae profiles of COVID-19 patients. Npj Digital Medicine, 2022, 5, .	5.7	17
10	Association of Postsurgical Opioid Refills for Patients With Risk of Opioid Misuse and Chronic Opioid Use Among Family Members. JAMA Network Open, 2022, 5, e2221316.	2.8	3
11	Clinical Implications of Removing Race From Estimates of Kidney Function. JAMA - Journal of the American Medical Association, 2021, 325, 184-186.	3.8	66
12	Prolonged Auditory Brainstem Response in Universal Hearing Screening of Newborns with Autism Spectrum Disorder. Autism Research, 2021, 14, 46-52.	2.1	24
13	A fast divide-and-conquer sparse Cox regression. Biostatistics, 2021, 22, 381-401.	0.9	30
14	ATLAS: an automated association test using probabilistically linked health records with application to genetic studies. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 2582-2592.	2.2	0
15	Commonalities across computational workflows for uncovering explanatory variants in undiagnosed cases. Genetics in Medicine, 2021, 23, 1075-1085.	1.1	16
16	Temporal bias in case-control design: preventing reliable predictions of the future. Nature Communications, 2021, 12, 1107.	5.8	33
17	Machine learning for patient risk stratification: standing on, or looking over, the shoulders of clinicians?. Npj Digital Medicine, 2021, 4, 62.	5.7	75
18	Development of a Histopathology Informatics Pipeline for Classification and Prediction of Clinical Outcomes in Subtypes of Renal Cell Carcinoma. Clinical Cancer Research, 2021, 27, 2868-2878.	3.2	32

#	Article	IF	Citations
19	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.	2.1	61
20	Illustrating potential effects of alternate control populations on real-world evidence-based statistical analyses. JAMIA Open, 2021, 4, ooab045.	1.0	2
21	Healthcare spending and utilization for pediatric Irritable Bowel Syndrome in a commercially insured population. Neurogastroenterology and Motility, 2021, 33, e14147.	1.6	8
22	Accelerating diagnosis of Parkinsonâ€™s disease through risk prediction. BMC Neurology, 2021, 21, 201.	0.8	15
23	Validation of an internationally derived patient severity phenotype to support COVID-19 analytics from electronic health record data. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1411-1420.	2.2	37
24	Finding commonalities in rare diseases through the undiagnosed diseases network. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1694-1702.	2.2	2
25	International Changes in COVID-19 Clinical Trajectories Across 315 Hospitals and 6 Countries: Retrospective Cohort Study. Journal of Medical Internet Research, 2021, 23, e31400.	2.1	19
26	International Analysis of Electronic Health Records of Children and Youth Hospitalized With COVID-19 Infection in 6 Countries. JAMA Network Open, 2021, 4, e2112596.	2.8	33
27	The Clinician and Dataset Shift in Artificial Intelligence. New England Journal of Medicine, 2021, 385, 283-286.	13.9	249
28	Patient-led data sharing for clinical bioinformatics research: USCDI and beyond. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 2298-2300.	2.2	7
29	Finding a new balance between a genetics-first or phenotype-first approach to the study of disease. Neuron, 2021, 109, 2216-2219.	3.8	1
30	Measuring health-care delays among privately insured patients with tuberculosis in the USA: an observational cohort study. Lancet Infectious Diseases, The, 2021, 21, 1175-1183.	4.6	14
31	Medication Use in the Management of Comorbidities Among Individuals With Autism Spectrum Disorder From a Large Nationwide Insurance Database. JAMA Pediatrics, 2021, 175, 957.	3.3	29
32	Real-world data analyses unveiled the immune-related adverse effects of immune checkpoint inhibitors across cancer types. Npj Precision Oncology, 2021, 5, 82.	2.3	14
33	Effectiveness of the BNT162b2 mRNA COVID-19 vaccine in pregnancy. Nature Medicine, 2021, 27, 1693-1695.	15.2	222
34	Use of electronic health records to support a public health response to the COVID-19 pandemic in the United States: a perspective from 15 academic medical centers. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 393-401.	2.2	54
35	COVID-19 infections following physical school reopening. Archives of Disease in Childhood, 2021, 106, e34-e34.	1.0	9
36	Multinational characterization of neurological phenotypes in patients hospitalized with COVID-19. Scientific Reports, 2021, 11, 20238.	1.6	10

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37	Effectiveness of a third dose of the BNT162b2 mRNA COVID-19 vaccine for preventing severe outcomes in Israel: an observational study. Lancet, The, 2021, 398, 2093-2100.	6.3	748
38	Longitudinal imaging history in early identification of intimate partner violence. European Radiology, 2021, , 1.	2.3	3
39	Integrative multiomics-histopathology analysis for breast cancer classification. Npj Breast Cancer, 2021, 7, 147.	2.3	21
40	Autoimmune Effects of Lung Cancer Immunotherapy Revealed by Dataâ€Driven Analysis on a Nationwide Cohort. Clinical Pharmacology and Therapeutics, 2020, 107, 388-396.	2.3	12
41	Use of Narrative Concepts in Electronic Health Records to Validate Associations Between Genetic Factors and Response to Treatment of Inflammatory Bowel Diseases. Clinical Gastroenterology and Hepatology, 2020, 18, 1890-1892.	2.4	2
42	Examining the Use of Realâ€World Evidence in the Regulatory Process. Clinical Pharmacology and Therapeutics, 2020, 107, 843-852.	2.3	99
43	Meta-analysis of Caenorhabditis elegans single-cell developmental data reveals multi-frequency oscillation in gene activation. Bioinformatics, 2020, 36, 4047-4057.	1.8	6
44	EHRtemporalVariability: delineating temporal data-set shifts in electronic health records. GigaScience, 2020, 9, .	3.3	22
45	Cross-modal representation alignment of molecular structure and perturbation-induced transcriptional profiles. , 2020, , .		1
46	A multidimensional precision medicine approach identifies an autism subtype characterized by dyslipidemia. Nature Medicine, 2020, 26, 1375-1379.	15.2	49
47	International electronic health record-derived COVID-19 clinical course profiles: the 4CE consortium. Npj Digital Medicine, 2020, 3, 109.	5.7	128
48	Deciphering serous ovarian carcinoma histopathology and platinum response by convolutional neural networks. BMC Medicine, 2020, 18, 236.	2.3	33
49	Classifying non-small cell lung cancer types and transcriptomic subtypes using convolutional neural networks. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 757-769.	2.2	69
50	Estimates of healthcare spending for preterm and low-birthweight infants in a commercially insured population: 2008â€“2016. Journal of Perinatology, 2020, 40, 1091-1099.	0.9	100
51	Data Citizenship under the 21st Century Cures Act. New England Journal of Medicine, 2020, 382, 1781-1783.	13.9	12
52	Making the â€˜invisibleâ€™ visible: transforming the detection of intimate partner violence. BMJ Quality and Safety, 2020, 29, 241-244.	1.8	18
53	An interactive online dashboard for tracking COVID-19 in U.S. counties, cities, and states in real time. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1121-1125.	2.2	74
54	AI for the Eye â€” Automated Assistance for Clinicians Screening for Papilledema. New England Journal of Medicine, 2020, 382, 1760-1761.	13.9	5

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55	Reproducible Machine Learning Methods for Lung Cancer Detection Using Computed Tomography Images: Algorithm Development and Validation. Journal of Medical Internet Research, 2020, 22, e16709.	2.1	43
56	A comprehensive iterative approach is highly effective in diagnosing individuals who are exome negative. Genetics in Medicine, 2019, 21, 161-172.	1.1	60
57	High-throughput multimodal automated phenotyping (MAP) with application to PheWAS. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 1255-1262.	2.2	69
58	Concordance between gene expression in peripheral whole blood and colonic tissue in children with inflammatory bowel disease. PLoS ONE, 2019, 14, e0222952.	1.1	28
59	Automated grouping of medical codes via multiview banded spectral clustering. Journal of Biomedical Informatics, 2019, 100, 103322.	2.5	6
60	Donald A. B. Lindberg (1933â€“2019). Science, 2019, 366, 37-37.	6.0	1
61	Aberrant mitochondrial function in patient-derived neural cells from CDKL5 deficiency disorder and Rett syndrome. Human Molecular Genetics, 2019, 28, 3625-3636.	1.4	19
62	De Novo Pathogenic Variants in N-cadherin Cause a Syndromic Neurodevelopmental Disorder with Corpus Callosum, Axon, Cardiac, Ocular, and Genital Defects. American Journal of Human Genetics, 2019, 105, 854-868.	2.6	29
63	Suicide Rates Among Adolescents and Young Adults in the United States, 2000-2017. JAMA - Journal of the American Medical Association, 2019, 321, 2362.	3.8	207
64	Batch correction evaluation framework using a-priori gene-gene associations: applied to the GTEx dataset. BMC Bioinformatics, 2019, 20, 268.	1.2	24
65	Beyond multidrug resistance: Leveraging rare variants with machine and statistical learning models in Mycobacterium tuberculosis resistance prediction. EBioMedicine, 2019, 43, 356-369.	2.7	66
66	Evaluation of the association of bariatric surgery with subsequent depression. International Journal of Obesity, 2019, 43, 2528-2535.	1.6	15
67	Adversarial attacks on medical machine learning. Science, 2019, 363, 1287-1289.	6.0	558
68	Systemic nature of spinal muscular atrophy revealed by studying insurance claims. PLoS ONE, 2019, 14, e0213680.	1.1	47
69	Pre-existing autoimmune disease and the risk of immune-related adverse events among patients receiving checkpoint inhibitors for cancer. Cancer Immunology, Immunotherapy, 2019, 68, 917-926.	2.0	59
70	Machine Learning in Medicine. New England Journal of Medicine, 2019, 380, 1347-1358.	13.9	1,817
71	Feature extraction for phenotyping from semantic and knowledge resources. Journal of Biomedical Informatics, 2019, 91, 103122.	2.5	20
72	High-throughput phenotyping with electronic medical record data using a common semi-supervised approach (PheCAP). Nature Protocols, 2019, 14, 3426-3444.	5.5	94

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73	Framing the challenges of artificial intelligence in medicine. BMJ Quality and Safety, 2019, 28, 238-241.	1.8	146
74	Probabilistic record linkage of de-identified research datasets with discrepancies using diagnosis codes. Scientific Data, 2019, 6, 180298.	2.4	21
75	Learning Contextual Hierarchical Structure of Medical Concepts with PoincairÃ© Embeddings to Clarify Phenotypes. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2019, 24, 8-17.	0.7	4
76	Systematic Protein Prioritization for Targeted Proteomics Studies through Literature Mining. Journal of Proteome Research, 2018, 17, 1383-1396.	1.8	16
77	Computational repositioning and preclinical validation of mifepristone for human vestibular schwannoma. Scientific Reports, 2018, 8, 5437.	1.6	14
78	Rcupcake: an R package for querying and analyzing biomedical data through the BD2K PIC-SURE RESTful API. Bioinformatics, 2018, 34, 1431-1432.	1.8	4
79	Enabling phenotypic big data with PheNorm. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 54-60.	2.2	82
80	Biases in electronic health record data due to processes within the healthcare system: retrospective observational study. BMJ: British Medical Journal, 2018, 361, k1479.	2.4	230
81	Postsurgical prescriptions for opioid naive patients and association with overdose and misuse: retrospective cohort study. BMJ: British Medical Journal, 2018, 360, j5790.	2.4	428
82	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. Nature Genetics, 2018, 50, 668-681.	9.4	2,224
83	Biomedical informatics and machine learning for clinical genomics. Human Molecular Genetics, 2018, 27, R29-R34.	1.4	28
84	Big Data and Machine Learning in Health Care. JAMA - Journal of the American Medical Association, 2018, 319, 1317.	3.8	1,030
85	Auditory brainstem response in infants and children with autism spectrum disorder: A metaâ€analysis of wave V. Autism Research, 2018, 11, 355-363.	2.1	37
86	Phelanâ€McDermid syndrome data network: Integrating patient reported outcomes with clinical notes and curated genetic reports. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2018, 177, 613-624.	1.1	12
87	Artificial intelligence in healthcare. Nature Biomedical Engineering, 2018, 2, 719-731.	11.6	1,437
88	Effect of Genetic Diagnosis on Patients with Previously Undiagnosed Disease. New England Journal of Medicine, 2018, 379, 2131-2139.	13.9	261
89	Data-driven analyses revealed the comorbidity landscape of tuberous sclerosis complex. Neurology, 2018, 91, 974-976.	1.5	19
90	PheProb: probabilistic phenotyping using diagnosis codes to improve power for genetic association studies. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 1359-1365.	2.2	18

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91	Development of an Algorithm to Identify Patients with Physician-Documented Insomnia. Scientific Reports, 2018, 8, 7862.	1.6	15
92	A Cloud-Based Metabolite and Chemical Prioritization System for the Biology/Disease-Driven Human Proteome Project. Journal of Proteome Research, 2018, 17, 4345-4357.	1.8	7
93	Learning Contextual Hierarchical Structure of Medical Concepts with PoincairÃ© Embeddings to Clarify Phenotypes. , 2018, , .		5
94	Systematic correlation of environmental exposure and physiological and self-reported behaviour factors with leukocyte telomere length. International Journal of Epidemiology, 2017, 46, dyw043.	0.9	54
95	Predictive Modeling of Physician-Patient Dynamics That Influence Sleep Medication Prescriptions and Clinical Decision-Making. Scientific Reports, 2017, 7, 42282.	1.6	16
96	MARRVEL: Integration of Human and Model Organism Genetic Resources to Facilitate Functional Annotation of the Human Genome. American Journal of Human Genetics, 2017, 100, 843-853.	2.6	181
97	A 21st-Century Health IT System â€" Creating a Real-World Information Economy. New England Journal of Medicine, 2017, 376, 1905-1907.	13.9	39
98	Utilization, Cost, and Outcome of Branded vs Compounded 17-Alpha Hydroxyprogesterone Caproate in Prevention of Preterm Birth. JAMA Internal Medicine, 2017, 177, 1689.	2.6	12
99	Association of Sex With Recurrence of Autism Spectrum Disorder Among Siblings. JAMA Pediatrics, 2017, 171, 1107.	3.3	66
100	Comprehensive Analysis of Tissue-wide Gene Expression and Phenotype Data Reveals Tissues Affected in Rare Genetic Disorders. Cell Systems, 2017, 5, 140-148.e2.	2.9	18
101	Challenges and recommendations for epigenomics in precision health. Nature Biotechnology, 2017, 35, 1128-1132.	9.4	19
102	Surrogate-assisted feature extraction for high-throughput phenotyping. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, e143-e149.	2.2	68
103	Creating a data resource: what will it take to build a medical information commons?. Genome Medicine, 2017, 9, 84.	3.6	36
104	Combining clinical and genomics queries using i2b2 â€" Three methods. PLoS ONE, 2017, 12, e0172187.	1.1	26
105	Suboptimal Clinical Documentation in Young Children with Severe Obesity at Tertiary Care Centers. International Journal of Pediatrics (United Kingdom), 2016, 2016, 1-9.	0.2	6
106	Translating Artificial Intelligence Into Clinical Care. JAMA - Journal of the American Medical Association, 2016, 316, 2368.	3.8	150
107	Treating the enigmatic â€œexceptional respondersâ€•as patients with undiagnosed diseases. Science Translational Medicine, 2016, 8, 340ed8.	5.8	2
108	SMART precision cancer medicine: a FHIR-based app to provide genomic information at the point of care. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 701-710.	2.2	53

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109	A model-driven methodology for exploring complex disease comorbidities applied to autism spectrum disorder and inflammatory bowel disease. Journal of Biomedical Informatics, 2016, 63, 366-378.	2.5	14
110	Genetic Misdiagnoses and the Potential for Health Disparities. New England Journal of Medicine, 2016, 375, 655-665.	13.9	602
111	Integrative analysis of genetic data sets reveals a shared innate immune component in autism spectrum disorder and its co-morbidities. Genome Biology, 2016, 17, 228.	3.8	46
112	A database of human exposomes and phenomes from the US National Health and Nutrition Examination Survey. Scientific Data, 2016, 3, 160096.	2.4	85
113	ksRepo: a generalized platform for computational drug repositioning. BMC Bioinformatics, 2016, 17, 78.	1.2	46
114	SMART on FHIR: a standards-based, interoperable apps platform for electronic health records. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 899-908.	2.2	491
115	Statin Use Is Associated With Reduced Risk of Colorectal Cancer in Patients With Inflammatory Bowel Diseases. Clinical Gastroenterology and Hepatology, 2016, 14, 973-979.	2.4	56
116	Clinical Genomics. JAMA - Journal of the American Medical Association, 2016, 315, 1233.	3.8	35
117	METHODS TO ENHANCE THE REPRODUCIBILITY OF PRECISION MEDICINE. , 2016, , .		2
118	Electronic Health Record Based Algorithm to Identify Patients with Autism Spectrum Disorder. PLoS ONE, 2016, 11, e0159621.	1.1	59
119	Temporal dynamics of the developing lung transcriptome in three common inbred strains of laboratory mice reveals multiple stages of postnatal alveolar development. PeerJ, 2016, 4, e2318.	0.9	47
120	REPRODUCIBLE AND SHAREABLE QUANTIFICATIONS OF PATHOGENICITY. , 2016, , .		2
121	METHODS TO ENHANCE THE REPRODUCIBILITY OF PRECISION MEDICINE. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2016, 21, 180-182.	0.7	6
122	Gene expression analysis in Fmr1KO mice identifies an immunological signature in brain tissue and mGluR5-related signaling in primary neuronal cultures. Molecular Autism, 2015, 6, 66.	2.6	18
123	Development of phenotype algorithms using electronic medical records and incorporating natural language processing. BMJ, The, 2015, 350, h1885-h1885.	3.0	226
124	Increasing the efficiency of trial-patient matching: automated clinical trial eligibility Pre-screening for pediatric oncology patients. BMC Medical Informatics and Decision Making, 2015, 15, 28.	1.5	82
125	Colonoscopy Is Associated With a Reduced Risk for Colon Cancer and Mortality in Patients With Inflammatory Bowel Diseases. Clinical Gastroenterology and Hepatology, 2015, 13, 322-329.e1.	2.4	107
126	Ten things we have to do to achieve precision medicine. Science, 2015, 349, 37-38.	6.0	120

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127	Validation of Electronic Health Record Phenotyping of Bipolar Disorder Cases and Controls. American Journal of Psychiatry, 2015, 172, 363-372.	4.0	116
128	Federalist principles for healthcare data networks. Nature Biotechnology, 2015, 33, 360-363.	9.4	39
129	Driving Innovation in Health Systems through an Apps-Based Information Economy. Cell Systems, 2015, 1, 8-13.	2.9	113
130	Toward high-throughput phenotyping: unbiased automated feature extraction and selection from knowledge sources. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 993-1000.	2.2	140
131	SMART on FHIR Genomics: facilitating standardized clinico-genomic apps. Journal of the American Medical Informatics Association: JAMIA, 2015, 22, 1173-1178.	2.2	110
132	An Autism Case History to Review the Systematic Analysis of Large-Scale Data to Refine the Diagnosis and Treatment of Neuropsychiatric Disorders. Biological Psychiatry, 2015, 77, 59-65.	0.7	22
133	Summarizing polygenic risks for complex diseases in a clinical whole-genome report. Genetics in Medicine, 2015, 17, 536-544.	1.1	34
134	Sentiment Measured in Hospital Discharge Notes Is Associated with Readmission and Mortality Risk: An Electronic Health Record Study. PLoS ONE, 2015, 10, e0136341.	1.1	70
135	Methods to Develop an Electronic Medical Record Phenotype Algorithm to Compare the Risk of Coronary Artery Disease across 3 Chronic Disease Cohorts. PLoS ONE, 2015, 10, e0136651.	1.1	82
136	A microRNA-1280/JAG2 network comprises a novel biological target in high-risk medulloblastoma. Oncotarget, 2015, 6, 2709-2724.	0.8	24
137	A conceptual model for translating omic data into clinical action. Journal of Pathology Informatics, 2015, 6, 46.	0.8	17
138	Practical considerations in genomic decision support: The eMERGE experience. Journal of Pathology Informatics, 2015, 6, 50.	0.8	42
139	Stratification of risk for hospital admissions for injury related to fall: cohort study. BMJ, The, 2014, 347, g5863-g5863.	3.0	20
140	Phenome-wide association study (PheWAS) in EMR-linked pediatric cohorts, genetically links PLCL1 to speech language development and IL5-IL13 to Eosinophilic Esophagitis. Frontiers in Genetics, 2014, 5, 401.	1.1	70
141	Are Meaningful Use Stage 2 certified EHRs ready for interoperability? Findings from the SMART C-CDA Collaborative. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 1060-1068.	2.2	74
142	An Electronic Health Records Study of Long-Term Weight Gain Following Antidepressant Use. JAMA Psychiatry, 2014, 71, 889.	6.0	118
143	Population-Level Evidence for an Autoimmune Etiology of Epilepsy. JAMA Neurology, 2014, 71, 569.	4.5	152
144	Medicineâ€™s Uncomfortable Relationship With Math. JAMA Internal Medicine, 2014, 174, 991.	2.6	59

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145	Thromboprophylaxis Is Associated With Reduced Post-hospitalization Venous Thromboembolic Events in Patients With Inflammatory Bowel Diseases. Clinical Gastroenterology and Hepatology, 2014, 12, 1905-1910.	2.4	61
146	Mortality and extraintestinal cancers in patients with primary sclerosing cholangitis and inflammatory bowel disease. Journal of Crohn's and Colitis, 2014, 8, 956-963.	0.6	49
147	iPSC-derived neurons as a higher-throughput readout for autism: promises and pitfalls. Trends in Molecular Medicine, 2014, 20, 91-104.	3.5	42
148	Association Between Reduced Plasma 25-Hydroxy Vitamin D and Increased Risk of Cancer in Patients With Inflammatory Bowel Diseases. Clinical Gastroenterology and Hepatology, 2014, 12, 821-827.	2.4	101
149	Scalable Collaborative Infrastructure for a Learning Healthcare System (SCILHS): Architecture. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, 615-620.	2.2	76
150	Divergent dysregulation of gene expression in murine models of fragile X syndrome and tuberous sclerosis. Molecular Autism, 2014, 5, 16.	2.6	18
151	Serum Inflammatory Markers and Risk of Colorectal Cancer in Patients With Inflammatory Bowel Diseases. Clinical Gastroenterology and Hepatology, 2014, 12, 1342-1348.e1.	2.4	38
152	Rare Copy Number Variation in Treatment-Resistant Major Depressive Disorder. Biological Psychiatry, 2014, 76, 536-541.	0.7	67
153	HD CAGnome: A Search Tool for Huntingtin CAG Repeat Length-Correlated Genes. PLoS ONE, 2014, 9, e95556.	1.1	3
154	The Future of Informatics in Biomedicine. , 2014, , 797-811.		0
155	A-to-I RNA Editing in Autism Spectrum Disorder. , 2014, , 229-248.		0
156	Can We Measure Autism?. Science Translational Medicine, 2013, 5, 209ed18.	5.8	6
157	Improved de-identification of physician notes through integrative modeling of both public and private medical text. BMC Medical Informatics and Decision Making, 2013, 13, 112.	1.5	17
158	Improving Case Definition of CrohnÊ¼s Disease and Ulcerative Colitis in Electronic Medical Records Using Natural Language Processing. Inflammatory Bowel Diseases, 2013, 19, 1411-1420.	0.9	142
159	Secondary Use of Health Information. JAMA Internal Medicine, 2013, 173, 1806.	2.6	10
160	SHRINE: Enabling Nationally Scalable Multi-Site Disease Studies. PLoS ONE, 2013, 8, e55811.	1.1	105
161	EMR-linked GWAS study: investigation of variation landscape of loci for body mass index in children. Frontiers in Genetics, 2013, 4, 268.	1.1	46
162	Modeling Disease Severity in Multiple Sclerosis Using Electronic Health Records. PLoS ONE, 2013, 8, e78927.	1.1	67

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163	Designing a Public Square for Research Computing. Science Translational Medicine, 2012, 4, 149fs32.	5.8	16
164	What Weâ€™ll See At The Revolution In CareThe Creative Destruction Of Medicine: How The Digital Revolution Will Create Better Health Care By Topol Eric New York (NY) : Basic Books , 2012 303App.; $27.99. Health Affairs, 2012, 31, 2148-2149.	2.5	1
165	Escaping the EHR Trap â€" The Future of Health IT. New England Journal of Medicine, 2012, 366, 2240-2242.	13.9	144
166	Making sense out of massive data by going beyond differential expression. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5594-5599.	3.3	35
167	A translational engine at the national scale: informatics for integrating biology and the bedside. Journal of the American Medical Informatics Association: JAMIA, 2012, 19, 181-185.	2.2	136
168	A gene expression profile of stem cell pluripotentiality and differentiation is conserved across diverse solid and hematopoietic cancers. Genome Biology, 2012, 13, R71.	13.9	69
169	The Co-Morbidity Burden of Children and Young Adults with Autism Spectrum Disorders. PLoS ONE, 2012, 7, e33224.	1.1	431
170	Characteristics and Predictive Value of Blood Transcriptome Signature in Males with Autism Spectrum Disorders. PLoS ONE, 2012, 7, e49475.	1.1	151
171	No small matter: qualitatively distinct challenges of pediatric genomic studies. Genome Medicine, 2011, 3, 62.	3.6	4
172	Assessing the reproducibility of asthma genome-wide association studies in a general clinical population. Journal of Allergy and Clinical Immunology, 2011, 127, 1067-1069.	1.5	7
173	Role of intestinal gene expression profiles in the diagnosis of Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2011, 17, S65.	0.9	0
174	Using electronic health records to drive discovery in disease genomics. Nature Reviews Genetics, 2011, 12, 417-428.	7.7	289
175	Genetic Basis of Autoantibody Positive and Negative Rheumatoid Arthritis Risk in a Multi-ethnic Cohort Derived from Electronic Health Records. American Journal of Human Genetics, 2011, 88, 57-69.	2.6	112
176	Marco Ramoni: an appreciation of academic achievement. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 367-369.	2.2	1
177	Electronic medical records for discovery research in rheumatoid arthritis. Arthritis Care and Research, 2010, 62, 1120-1127.	1.5	272
178	Rapid Identification of Myocardial Infarction Risk Associated With Diabetes Medications Using Electronic Medical Records. Diabetes Care, 2010, 33, 526-531.	4.3	74
179	Serving the enterprise and beyond with informatics for integrating biology and the bedside (i2b2). Journal of the American Medical Informatics Association: JAMIA, 2010, 17, 124-130.	2.2	764
180	Instrumenting the health care enterprise for discovery research in the genomic era. Genome Research, 2009, 19, 1675-1681.	2.4	124

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