Nigam H Shah

List of Publications by Citations

179 papers	10,013 citations	44 h-index	98 g-index
200 ext. papers	12,842 ext. citations	8.8 avg, IF	6.68 L-index

#	Paper	IF	Citations
179	The OBO Foundry: coordinated evolution of ontologies to support biomedical data integration. *Nature Biotechnology*, **2007**, 25, 1251-5	44.5	1556
178	Scalable and accurate deep learning with electronic health records. *Npj Digital Medicine*, **2018**, 1, 18	15.7	853
177	BioPortal: ontologies and integrated data resources at the click of a mouse. *Nucleic Acids Research*, **2009**, 37, W170-3	20.1	523
176	BioPortal: enhanced functionality via new Web services from the National Center for Biomedical Ontology to access and use ontologies in software applications. *Nucleic Acids Research*, **2011**, 39, W541-5	20.1	430
175	Implementing Machine Learning in Health Care - Addressing Ethical Challenges. *New England Journal of Medicine*, **2018**, 378, 981-983	59.2	426
174	Observational Health Data Sciences and Informatics (OHDSI): Opportunities for Observational Researchers. *Studies in Health Technology and Informatics*, **2015**, 216, 574-8	0.5	418
173	Rates of Co-infection Between SARS-CoV-2 and Other Respiratory Pathogens. *JAMA - Journal of the American Medical Association*, **2020**, 323, 2085-2086	27.4	405
172	Defining the features and duration of antibody responses to SARS-CoV-2 infection associated with disease severity and outcome. *Science Immunology*, **2020**, 5,	28	230
171	What This Computer Needs Is a Physician: Humanism and Artificial Intelligence. *JAMA - Journal of the American Medical Association*, **2018**, 319, 19-20	27.4	224
170	Proton Pump Inhibitor Usage and the Risk of Myocardial Infarction in the General Population. *PLoS ONE*, **2015**, 10, e0124653	3.7	201
169	Biomedical ontologies: a functional perspective. *Briefings in Bioinformatics*, **2008**, 9, 75-90	13.4	176
168	Characterizing treatment pathways at scale using the OHDSI network. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 7329-36	11.5	175
167	Unexpected effect of proton pump inhibitors: elevation of the cardiovascular risk factor asymmetric dimethylarginine. *Circulation*, **2013**, 128, 845-53	16.7	160
166	Web-scale pharmacovigilance: listening to signals from the crowd. *Journal of the American Medical Informatics Association: JAMIA*, **2013**, 20, 404-8	8.6	147
165	Text mining for adverse drug events: the promise, challenges, and state of the art. *Drug Safety*, **2014**, 37, 777-90	5.1	136
164	Androgen Deprivation Therapy and Future Alzheimer's Disease Risk. *Journal of Clinical Oncology*, **2016**, 34, 566-71	2.2	131
163	The National Center for Biomedical Ontology. *Journal of the American Medical Informatics Association: JAMIA*, **2012**, 19, 190-5	8.6	126

162	Improving palliative care with deep learning. *BMC Medical Informatics and Decision Making*, **2018**, 18, 122	3.6	119
161	Combing signals from spontaneous reports and electronic health records for detection of adverse drug reactions. *Journal of the American Medical Informatics Association: JAMIA*, **2013**, 20, 413-9	8.6	117
160	The open biomedical annotator. *Summit on Translational Bioinformatics*, **2009**, 2009, 56-60		117
159	Mining clinical text for signals of adverse drug-drug interactions. *Journal of the American Medical Informatics Association: JAMIA*, **2014**, 21, 353-62	8.6	104
158	Making Machine Learning Models Clinically Useful. *JAMA - Journal of the American Medical Association*, **2019**, 322, 1351-1352	27.4	102
157	A 'green button' for using aggregate patient data at the point of care. *Health Affairs*, **2014**, 33, 1229-35	7	101
156	Association Between Androgen Deprivation Therapy and Risk of Dementia. *JAMA Oncology*, **2017**, 3, 49-55	13.4	94
155	Comparison of concept recognizers for building the Open Biomedical Annotator. *BMC Bioinformatics*, **2009**, 10 Suppl 9, S14	3.6	94
154	Ontology-driven indexing of public datasets for translational bioinformatics. *BMC Bioinformatics*, **2009**, 10 Suppl 2, S1	3.6	85
153	Funding and Publication of Research on Gun Violence and Other Leading Causes of Death. *JAMA - Journal of the American Medical Association*, **2017**, 317, 84-85	27.4	84
152	Learning statistical models of phenotypes using noisy labeled training data. *Journal of the American Medical Informatics Association: JAMIA*, **2016**, 23, 1166-1173	8.6	73
151	Increased monocyte count as a cellular biomarker for poor outcomes in fibrotic diseases: a retrospective, multicentre cohort study. *Lancet Respiratory Medicine,the*, **2019**, 7, 497-508	35.1	72
150	Annotation Analysis for Testing Drug Safety Signals using Unstructured Clinical Notes. *Journal of Biomedical Semantics*, **2012**, 3 Suppl 1, S5	2.2	66
149	Advances in Electronic Phenotyping: From Rule-Based Definitions to Machine Learning Models. *Annual Review of Biomedical Data Science*, **2018**, 1, 53-68	5.6	65
148	The Stanford Tissue Microarray Database. *Nucleic Acids Research*, **2008**, 36, D871-7	20.1	63
147	NCBO Resource Index: Ontology-Based Search and Mining of Biomedical Resources. *Web Semantics* , **2011**, 9, 316-324	2.9	57
146	Practice-based evidence: profiling the safety of cilostazol by text-mining of clinical notes. *PLoS ONE* , **2013**, 8, e63499	3.7	55
145	In silico functional profiling of human disease-associated and polymorphic amino acid substitutions. *Human Mutation*, **2010**, 31, 335-46	4.7	55

144	MINIMAR (MINimum Information for Medical AI Reporting): Developing reporting standards for artificial intelligence in health care. *Journal of the American Medical Informatics Association: JAMIA*, **2020**, 27, 2011-2015	8.6	50
143	The use of machine learning for the identification of peripheral artery disease and future mortality risk. *Journal of Vascular Surgery*, **2016**, 64, 1515-1522.e3	3.5	50
142	Unified Medical Language System term occurrences in clinical notes: a large-scale corpus analysis. *Journal of the American Medical Informatics Association: JAMIA*, **2012**, 19, e149-56	8.6	50
141	Deep phenotyping of 34,128 adult patients hospitalised with COVID-19 in an international network study. *Nature Communications*, **2020**, 11, 5009	17.4	49
140	The Impact of Acute Organ Dysfunction on Long-Term Survival in Sepsis. *Critical Care Medicine*, **2018**, 46, 843-849	1.4	47
139	Building a biomedical ontology recommender web service. *Journal of Biomedical Semantics*, **2010**, 1 Suppl 1, S1	2.2	47
138	Some methods for heterogeneous treatment effect estimation in high dimensions. *Statistics in Medicine*, **2018**, 37, 1767-1787	2.3	46
137	Evolutionary Pressures on the Electronic Health Record: Caring for Complexity. *JAMA - Journal of the American Medical Association*, **2016**, 316, 923-4	27.4	45
136	Ethics of Using and Sharing Clinical Imaging Data for Artificial Intelligence: A Proposed Framework. *Radiology*, **2020**, 295, 675-682	20.5	44
135	A dataset quantifying polypharmacy in the United States. *Scientific Data*, **2017**, 4, 170167	8.2	44
134	A method for systematic discovery of adverse drug events from clinical notes. *Journal of the American Medical Informatics Association: JAMIA*, **2015**, 22, 1196-204	8.6	43
133	Building the graph of medicine from millions of clinical narratives. *Scientific Data*, **2014**, 1, 140032	8.2	43
132	Identifying phenotypic signatures of neuropsychiatric disorders from electronic medical records. *Journal of the American Medical Informatics Association: JAMIA*, **2013**, 20, e297-305	8.6	43
131	Improving palliative care with deep learning **2017**,		42
130	Persistent detection of SARS-CoV-2 RNA in patients and healthcare workers with COVID-19. *Journal of Clinical Virology*, **2020**, 129, 104477	14.5	41
129	Interpretation of biological experiments changes with evolution of the Gene Ontology and its annotations. *Scientific Reports*, **2018**, 8, 5115	4.9	41
128	Automated detection of off-label drug use. *PLoS ONE*, **2014**, 9, e89324	3.7	37
127	Enabling enrichment analysis with the Human Disease Ontology. *Journal of Biomedical Informatics*, **2011**, 44 Suppl 1, S31-S38	10.2	36

126	Artificial Intelligence and Suicide Prevention: A Systematic Review of Machine Learning Investigations. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	34
125	Bringing cohort studies to the bedside: framework for a 'green button' to support clinical decision-making. *Journal of Comparative Effectiveness Research*, **2015**, 4, 191-197	2.1	31
124	Finding missed cases of familial hypercholesterolemia in health systems using machine learning. *Npj Digital Medicine*, **2019**, 2, 23	15.7	30
123	Functional evaluation of out-of-the-box text-mining tools for data-mining tasks. *Journal of the American Medical Informatics Association: JAMIA*, **2015**, 22, 121-31	8.6	30
122	Implications of non-stationarity on predictive modeling using EHRs. *Journal of Biomedical Informatics*, **2015**, 58, 168-174	10.2	30
121	Association of Hemoglobin A1c Levels With Use of Sulfonylureas, Dipeptidyl Peptidase 4 Inhibitors, and Thiazolidinediones in Patients With Type 2 Diabetes Treated With Metformin: Analysis From the Observational Health Data Sciences and Informatics Initiative. *JAMA Network Open*, **2018**, 1, e181755	10.4	30
120	An unsupervised learning method to identify reference intervals from a clinical database. *Journal of Biomedical Informatics*, **2016**, 59, 276-84	10.2	29
119	Proton pump inhibitors and vascular function: A prospective cross-over pilot study. *Vascular Medicine*, **2015**, 20, 309-16	3.3	28
118	Development and Performance of the Pulmonary Embolism Result Forecast Model (PERFORM) for Computed Tomography Clinical Decision Support. *JAMA Network Open*, **2019**, 2, e198719	10.4	28
117	Machine Learning in Healthcare **2017**, 279-291		27
116	Profiling risk factors for chronic uveitis in juvenile idiopathic arthritis: a new model for EHR-based research. *Pediatric Rheumatology*, **2013**, 11, 45	3.5	27
115	Estimating the efficacy of symptom-based screening for COVID-19. *Npj Digital Medicine*, **2020**, 3, 95	15.7	27
114	Developing a delivery science for artificial intelligence in healthcare. *Npj Digital Medicine*, **2020**, 3, 107	15.7	27
113	A Comprehensive Analysis of Five Million UMLS Metathesaurus Terms Using Eighteen Million MEDLINE Citations **2010**, 2010, 907-11	0.7	26
112	Impact of Predicting Health Care Utilization Via Web Search Behavior: A Data-Driven Analysis. *Journal of Medical Internet Research*, **2016**, 18, e251	7.6	26
111	Predicting patient 'cost blooms' in Denmark: a longitudinal population-based study. *BMJ Open*, **2017**, 7, e011580	3	25
110	Electronic phenotyping with APHRODITE and the Observational Health Sciences and Informatics (OHDSI) data network. *AMIA Summits on Translational Science Proceedings*, **2017**, 2017, 48-57	1.1	24
109	Medical device surveillance with electronic health records. *Npj Digital Medicine*, **2019**, 2, 94	15.7	23

108	Key Considerations for Incorporating Conversational AI in Psychotherapy. *Frontiers in Psychiatry*, **2019**, 10, 746	5	23
107	Annotation and query of tissue microarray data using the NCI Thesaurus. *BMC Bioinformatics*, **2007**, 8, 296	3.6	23
106	Performing an Informatics Consult: Methods and Challenges. *Journal of the American College of Radiology*, **2018**, 15, 563-568	3.5	22
105	Using temporal patterns in medical records to discern adverse drug events from indications. *AMIA Summits on Translational Science Proceedings*, **2012**, 2012, 47-56	1.1	22
104	New Paradigms for Patient-Centered Outcomes Research in Electronic Medical Records: An Example of Detecting Urinary Incontinence Following Prostatectomy. *EGEMS (Washington, DC)*, **2016**, 4, 1231	2.2	20
103	Comparison of ontology-based semantic-similarity measures **2008**, 384-8	0.7	20
102	Predictive modeling of risk factors and complications of cataract surgery. *European Journal of Ophthalmology*, **2016**, 26, 328-37	1.9	20
101	The number needed to benefit: estimating the value of predictive analytics in healthcare. *Journal of the American Medical Informatics Association: JAMIA*, **2019**, 26, 1655-1659	8.6	19
100	It is time to learn from patients like mine. *Npj Digital Medicine*, **2019**, 2, 16	15.7	19
99	Ontology-based annotation and query of tissue microarray data **2006**, 709-13	0.7	19
98	Research and Reporting Considerations for Observational Studies Using Electronic Health Record Data. *Annals of Internal Medicine*, **2020**, 172, S79-S84	8	19
97	Use of repurposed and adjuvant drugs in hospital patients with covid-19: multinational network cohort study. *BMJ, The*, **2021**, 373, n1038	5.9	19
96	Toward multimodal signal detection of adverse drug reactions. *Journal of Biomedical Informatics*, **2017**, 76, 41-49	10.2	18
95	Thirty-Day Outcomes of Children and Adolescents With COVID-19: An International Experience. *Pediatrics*, **2021**, 148,	7.4	18
94	Deep phenotyping of 34,128 patients hospitalised with COVID-19 and a comparison with 81,596 influenza patients in America, Europe and Asia: an international network study **2020**,		17
93	Early Detection of Adverse Drug Reactions in Social Health Networks: A Natural Language Processing Pipeline for Signal Detection. *JMIR Public Health and Surveillance*, **2019**, 5, e11264	11.4	16
92	Chapter 9: Analyses using disease ontologies. *PLoS Computational Biology*, **2012**, 8, e1002827	5	15
91	Analyzing patterns of drug use in clinical notes for patient safety. *AMIA Summits on Translational Science Proceedings*, **2012**, 2012, 63-70	1.1	15

90	Detecting unplanned care from clinician notes in electronic health records. *Journal of Oncology Practice*, **2015**, 11, e313-9	3.1	14
89	Assessing the accuracy of automatic speech recognition for psychotherapy. *Npj Digital Medicine*, **2020**, 3, 82	15.7	13
88	An ontology-neutral framework for enrichment analysis **2010**, 2010, 797-801	0.7	13
87	A model to forecast regional demand for COVID-19 related hospital beds		13
86	Occurrence and Timing of Subsequent SARS-CoV-2 RT-PCR Positivity Among Initially Negative Patients **2020**,		13
85	An empirical characterization of fair machine learning for clinical risk prediction. *Journal of Biomedical Informatics*, **2021**, 113, 103621	10.2	13
84	Predicting Future Cardiovascular Events in Patients With Peripheral Artery Disease Using Electronic Health Record Data. *Circulation: Cardiovascular Quality and Outcomes*, **2019**, 12, e004741	5.8	12
83	Postmarket Surveillance of Point-of-Care Glucose Meters through Analysis of Electronic Medical Records. *Clinical Chemistry*, **2016**, 62, 716-24	5.5	12
82	COVID-19 in patients with autoimmune diseases: characteristics and outcomes in a multinational network of cohorts across three countries. *Rheumatology*, **2021**, 60, SI37-SI50	3.9	12
81	An evaluation of clinical order patterns machine-learned from clinician cohorts stratified by patient mortality outcomes. *Journal of Biomedical Informatics*, **2018**, 86, 109-119	10.2	12
80	Estimate the hidden deployment cost of predictive models to improve patient care. *Nature Medicine*, **2020**, 26, 18-19	50.5	11
79	The Lexicon Builder Web service: Building Custom Lexicons from two hundred Biomedical Ontologies **2010**, 2010, 587-91	0.7	10
78	A framework for making predictive models useful in practice. *Journal of the American Medical Informatics Association: JAMIA*, **2021**, 28, 1149-1158	8.6	10
77	Bridging the implementation gap of machine learning in healthcare. *BMJ Innovations*, **2020**, 6, 45-47	1.8	10
76	Ontology-driven weak supervision for clinical entity classification in electronic health records. *Nature Communications*, **2021**, 12, 2017	17.4	10
75	Mining Biomedical Ontologies and Data Using RDF Hypergraphs **2013**,		9
74	DISCOVERING PATIENT PHENOTYPES USING GENERALIZED LOW RANK MODELS. *Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing*, **2016**, 21, 144-55	1.3	9
73	Inferring Physical Function From Wearable Activity Monitors: Analysis of Free-Living Activity Data From Patients With Knee Osteoarthritis. *JMIR MHealth and UHealth*, **2018**, 6, e11315	5.5	9

72	Analyzing Information Seeking and Drug-Safety Alert Response by Health Care Professionals as New Methods for Surveillance. *Journal of Medical Internet Research*, **2015**, 17, e204	7.6	9
71	Generalized enrichment analysis improves the detection of adverse drug events from the biomedical literature. *BMC Bioinformatics*, **2016**, 17, 250	3.6	9
70	Creating Fair Models of Atherosclerotic Cardiovascular Disease Risk **2019**,		8
69	Using ontology-based annotation to profile disease research. *Journal of the American Medical Informatics Association: JAMIA*, **2012**, 19, e177-86	8.6	8
68	Characteristics and outcomes of 627 044 COVID-19 patients living with and without obesity in the United States, Spain, and the United Kingdom. *International Journal of Obesity*, **2021**, 45, 2347-2357	5.5	8
67	Statin Intensity or Achieved LDL? Practice-based Evidence for the Evaluation of New Cholesterol Treatment Guidelines. *PLoS ONE*, **2016**, 11, e0154952	3.7	7
66	Automated Detection of Systematic Off-label Drug Use in Free Text of Electronic Medical Records. *AMIA Summits on Translational Science Proceedings*, **2013**, 2013, 94-8	1.1	7
65	Language models are an effective representation learning technique for electronic health record data. *Journal of Biomedical Informatics*, **2021**, 113, 103637	10.2	7
64	Automated model versus treating physician for predicting survival time of patients with metastatic cancer. *Journal of the American Medical Informatics Association: JAMIA*, **2021**, 28, 1108-1116	8.6	6
63	Development and validation of phenotype classifiers across multiple sites in the observational health data sciences and informatics network. *Journal of the American Medical Informatics Association: JAMIA*, **2020**, 27, 877-883	8.6	6
62	Detecting Chemotherapeutic Skin Adverse Reactions in Social Health Networks Using Deep Learning. *JAMA Oncology*, **2018**, 4, 581-583	13.4	6
61	Learning Effective Treatment Pathways for Type-2 Diabetes from a clinical data warehouse **2016**, 2016, 2036-2042	0.7	6
60	Comparative safety and effectiveness of alendronate versus raloxifene in women with osteoporosis. *Scientific Reports*, **2020**, 10, 11115	4.9	5
59	Characteristics, outcomes, and mortality amongst 133,589 patients with prevalent autoimmune diseases diagnosed with, and 48,418 hospitalised for COVID-19: a multinational distributed network cohort analysis **2020**,		5
58	Identifying Cases of Metastatic Prostate Cancer Using Machine Learning on Electronic Health Records **2018**, 2018, 1498-1504	0.7	5
57	A quality assessment tool for artificial intelligence-centered diagnostic test accuracy studies: QUADAS-AI. *Nature Medicine*, **2021**, 27, 1663-1665	50.5	5
56	Prediction of Major Depressive Disorder Following Beta-Blocker Therapy in Patients with Cardiovascular Diseases. *Journal of Personalized Medicine*, **2020**, 10,	3.6	5
55	Network analysis of unstructured EHR data for clinical research. *AMIA Summits on Translational Science Proceedings*, **2013**, 2013, 14-8	1.1	4

54	Optimize First, Buy Later: Analyzing Metrics to Ramp-Up Very Large Knowledge Bases. *Lecture Notes in Computer Science*, **2010**, 486-501	0.9	4
53	Use of dialysis, tracheostomy, and extracorporeal membrane oxygenation among 842,928 patients hospitalized with COVID-19 in the United States **2021**,		4
52	SARS-CoV-2 infection and COVID-19 severity in individuals with prior seasonal coronavirus infection. *Diagnostic Microbiology and Infectious Disease*, **2021**, 100, 115338	2.9	4
51	Unraveling COVID-19: a large-scale characterization of 4.5 million COVID-19 cases using CHARYBDIS **2021**,		4
50	Predicting the need for a reduced drug dose, at first prescription. *Scientific Reports*, **2018**, 8, 15558	4.9	4
49	Improving hospital readmission prediction using individualized utility analysis. *Journal of Biomedical Informatics*, **2021**, 119, 103826	10.2	4
48	Systematic Review of Approaches to Preserve Machine Learning Performance in the Presence of Temporal Dataset Shift in Clinical Medicine. *Applied Clinical Informatics*, **2021**, 12, 808-815	3.1	4
47	An open repository of real-time COVID-19 indicators.. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	4
46	Profiling off-label prescriptions in cancer treatment using social health networks. *JAMIA Open*, **2019**, 2, 301-305	2.9	3
45	Estimation of SARS-CoV-2 Infection Prevalence in Santa Clara County		3
44	Learning signals of adverse drug-drug interactions from the unstructured text of electronic health records. *AMIA Summits on Translational Science Proceedings*, **2013**, 2013, 83-7	1.1	3
43	Quantifying the relative change in physical activity after Total Knee Arthroplasty using accelerometer based measurements. *AMIA Summits on Translational Science Proceedings*, **2017**, 2017, 463-472	1.1	3
42	Inpatient Clinical Order Patterns Machine-Learned From Teaching Versus Attending-Only Medical Services. *AMIA Summits on Translational Science Proceedings*, **2018**, 2017, 226-235	1.1	3
41	An informatics consult approach for generating clinical evidence for treatment decisions. *BMC Medical Informatics and Decision Making*, **2021**, 21, 281	3.6	3
40	Clinical characteristics, symptoms, management and health outcomes in 8,598 pregnant women diagnosed with COVID-19 compared to 27,510 with seasonal influenza in France, Spain and the US: a network cohort analysis		3
39	Research on Gun Violence vs Other Causes of Death. *JAMA - Journal of the American Medical Association*, **2017**, 317, 1379	27.4	2
38	U-Index, a dataset and an impact metric for informatics tools and databases. *Scientific Data*, **2018**, 5, 180043	8.2	2
37	Measure what matters: counts of hospitalized patients are a better metric for health system capacity planning for a reopening		2

36	Unsupervised Learning for Automated Detection of Coronary Artery Disease Subgroups. *Journal of the American Heart Association*, **2021**, 10, e021976	6	2
35	SARS-CoV-2 infection and COVID-19 severity in individuals with prior seasonal coronavirus infection		2
34	ACE: the Advanced Cohort Engine for searching longitudinal patient records. *Journal of the American Medical Informatics Association: JAMIA*, **2021**, 28, 1468-1479	8.6	2
33	Low adherence to existing model reporting guidelines by commonly used clinical prediction models		2
32	A Second Opinion From Observational Data on Second-line Diabetes Drugs. *JAMA Network Open*, **2018**, 1, e186119	10.4	2
31	Characteristics and Outcomes of Over 300,000 Patients with COVID-19 and History of Cancer in the United States and Spain. *Cancer Epidemiology Biomarkers and Prevention*, **2021**, 30, 1884-1894	4	2
30	An Open Repository of Real-Time COVID-19 Indicators		2
29	Computational drug repositioning of atorvastatin for ulcerative colitis. *Journal of the American Medical Informatics Association: JAMIA*, **2021**, 28, 2325-2335	8.6	2
28	Using Aggregate Patient Data at the Bedside via an On-Demand Consultation Service. *NEJM Catalyst*, **2021**, 2,	2.3	2
27	Evaluation of domain generalization and adaptation on improving model robustness to temporal dataset shift in clinical medicine.. *Scientific Reports*, **2022**, 12, 2726	4.9	2
26	A comparison of approaches to improve worst-case predictive model performance over patient subpopulations.. *Scientific Reports*, **2022**, 12, 3254	4.9	2
25	Assessing Screening Guidelines for Cardiovascular Disease Risk Factors using Routinely Collected Data. *Scientific Reports*, **2017**, 7, 6488	4.9	1
24	Pharmacovigilance Using Textual Data: The Need to Go Deeper and Wider into the Con(text). *Drug Safety*, **2017**, 40, 1047-1048	5.1	1
23	Translational Bioinformatics **2014**, 721-754		1
22	Un service Web pour l□annotation s□antique de donn□es biom□dicales avec des ontologies. *Informatique Et Sant*□ **2009**, 151-162		1
21	Improving Hospital Readmission Prediction using Individualized Utility Analysis		1
20	Evaluating algorithmic fairness in the presence of clinical guidelines: the case of atherosclerotic cardiovascular disease risk estimation		1
19	NCBO Resource Index: Ontology-Based Search and Mining of Biomedical Resources. *SSRN Electronic Journal*,	1	1

18	A framework for making predictive models useful in practice		1
17	Heterogeneity and temporal variation in the management of COVID-19: a multinational drug utilization study including 71,921 hospitalized patients from China, South Korea, Spain, and the United States of America		1
16	Development and utility assessment of a machine learning bloodstream infection classifier in pediatric patients receiving cancer treatments. *BMC Cancer*, **2020**, 20, 1103	4.8	1
15	Conflicting information from the Food and Drug Administration: Missed opportunity to lead standards for safe and effective medical artificial intelligence solutions. *Journal of the American Medical Informatics Association: JAMIA*, **2021**, 28, 1353-1355	8.6	1
14	Treatment and Monitoring Variability in US Metastatic Breast Cancer Care. *JCO Clinical Cancer Informatics*, **2021**, 5, 600-614	5.2	1
13	DLMM as a lossless one-shot algorithm for collaborative multi-site distributed linear mixed models.. *Nature Communications*, **2022**, 13, 1678	17.4	1
12	Unraveling COVID-19: A Large-Scale Characterization of 4.5 Million COVID-19 Cases Using CHARYBDIS.. *Clinical Epidemiology*, **2022**, 14, 369-384	5.9	1
11	Predictors of diagnostic transition from major depressive disorder to bipolar disorder: a retrospective observational network study.. *Translational Psychiatry*, **2021**, 11, 642	8.6	1
10	Characteristics and outcomes of COVID-19 patients with and without asthma from the United States, South Korea, and Europe.. *Journal of Asthma*, **2022**, 1-14	1.9	0
9	A survey of extant organizational and computational setups for deploying predictive models in health systems. *Journal of the American Medical Informatics Association: JAMIA*, **2021**, 28, 2445-2450	8.6	0
8	Learning decision thresholds for risk stratification models from aggregate clinician behavior. *Journal of the American Medical Informatics Association: JAMIA*, **2021**, 28, 2258-2264	8.6	0
7	Characteristics and outcomes of patients with COVID-19 with and without prevalent hypertension: a multinational cohort study.. *BMJ Open*, **2021**, 11, e057632	3	0
6	Androgen Deprivation Therapy and Subsequent Dementia-Reply. *JAMA Oncology*, **2017**, 3, 1001-1002	13.4	
5	Characteristics and outcomes of COVID-19 patients with COPD from the United States, South Korea, and Europe. *Wellcome Open Research*,7, 22	4.8	
4	Translational Bioinformatics **2021**, 867-911		
3	Mining the internet for drug information. *Clinical Advances in Hematology and Oncology*, **2014**, 12, 391-3	0.6	
2	Characteristics and outcomes of COVID-19 patients with COPD from the United States, South Korea, and Europe. *Wellcome Open Research*,7, 22	4.8	
1	Monitoring Approaches for a Pediatric Chronic Kidney Disease Machine Learning Model.. *Applied Clinical Informatics*, **2022**, 13, 431-438	3.1	