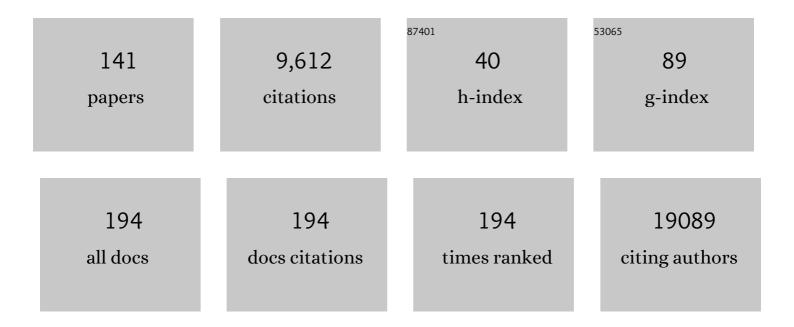
## Benjamin S Glicksberg

List of Publications by Year in descending order

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RENIAMIN S CHCKSREDC

#	Article	IF	CITATIONS
1	The importance of social activity to risk of major depression in older adults. Psychological Medicine, 2023, 53, 2634-2642.	2.7	7
2	Neonatal outcomes during the COVID-19 pandemic in New York City. Pediatric Research, 2022, 91, 477-479.	1.1	13
3	Artificial Intelligence for Interstitial Lung Disease Analysis on Chest Computed Tomography: A Systematic Review. Academic Radiology, 2022, 29, S226-S235.	1.3	29
4	BERT for the Processing of Radiological Reports: An Attention-based Natural Language Processing Algorithm. Academic Radiology, 2022, 29, 634-635.	1.3	3
5	Using Deep-Learning Algorithms to Simultaneously Identify Right and Left Ventricular Dysfunction From the Electrocardiogram. JACC: Cardiovascular Imaging, 2022, 15, 395-410.	2.3	35
6	Development of a machine learning model using electrocardiogram signals to improve acute pulmonary embolism screening. European Heart Journal Digital Health, 2022, 3, 56-66.	0.7	5
7	OUP accepted manuscript. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 489-499.	2.2	2
8	Obesity as a mortality risk factor in the medical ward: a case control study. BMC Endocrine Disorders, 2022, 22, 13.	0.9	6
9	The Evolution of Mining Electronic Health Records in the Era of Deep Learning. , 2022, , 55-92.		2
10	Deep phenotyping of Alzheimer's disease leveraging electronic medical records identifies sex-specific clinical associations. Nature Communications, 2022, 13, 675.	5.8	10
11	Artificial Intelligence and Cardiovascular Genetics. Life, 2022, 12, 279.	1.1	13
12	Unmasking Fracture Risk in Type 2 Diabetes: The Association of Longitudinal Glycemic Hemoglobin Level and Medications. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e1390-e1401.	1.8	15
13	Artificial intelligence-enabled decision support in nephrology. Nature Reviews Nephrology, 2022, 18, 452-465.	4.1	21
14	Right Precordial U Waves in Severe Aortic Stenosis. Journal of the American College of Cardiology, 2022, 79, 2467-2469.	1.2	1
15	Multi-Dimensional Laboratory Test Score as a Proxy for Health. Studies in Health Technology and Informatics, 2022, , .	0.2	0
16	Automated Determination of Left Ventricular Function Using Electrocardiogram Data in Patients on Maintenance Hemodialysis. Clinical Journal of the American Society of Nephrology: CJASN, 2022, 17, 1017-1025.	2.2	3
17	Association between COVID-19 diagnosis and presenting chief complaint from New York City triage data. American Journal of Emergency Medicine, 2021, 46, 520-524.	0.7	9
18	Outcomes of Patients on Maintenance Dialysis Hospitalized with COVID-19. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 452-455.	2.2	25

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19	Federated Learning for Healthcare Informatics. Journal of Healthcare Informatics Research, 2021, 5, 1-19.	5.3	499
20	OCTAD: an open workspace for virtually screening therapeutics targeting precise cancer patient groups using gene expression features. Nature Protocols, 2021, 16, 728-753.	5.5	24
21	AKI in Hospitalized Patients with COVID-19. Journal of the American Society of Nephrology: JASN, 2021, 32, 151-160.	3.0	500
22	Deep learning for biomedical applications. , 2021, , 71-94.		0
23	Extracting social determinants of health from electronic health records using natural language processing: a systematic review. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 2716-2727.	2.2	84
24	Deep Learning with Heterogeneous Graph Embeddings for Mortality Prediction from Electronic Health Records. Data Intelligence, 2021, 3, 329-339.	0.8	8
25	Using C-JAMP to Investigate Epistasis and Pleiotropy. Methods in Molecular Biology, 2021, 2212, 225-243.	0.4	0
26	Federated Learning of Electronic Health Records to Improve Mortality Prediction in Hospitalized Patients With COVID-19: Machine Learning Approach. JMIR Medical Informatics, 2021, 9, e24207.	1.3	108
27	Comparison of Approaches for Prediction of Renal Replacement Therapy-Free Survival in Patients with Acute Kidney Injury. Blood Purification, 2021, 50, 621-627.	0.9	14
28	Association of SARS-CoV-2 viral load at admission with in-hospital acute kidney injury: A retrospective cohort study. PLoS ONE, 2021, 16, e0247366.	1.1	5
29	Deep learning and the electrocardiogram: review of the current state-of-the-art. Europace, 2021, 23, 1179-1191.	0.7	111
30	Use of Physiological Data From a Wearable Device to Identify SARS-CoV-2 Infection and Symptoms and Predict COVID-19 Diagnosis: Observational Study. Journal of Medical Internet Research, 2021, 23, e26107.	2.1	91
31	Containment of COVID-19: Simulating the impact of different policies and testing capacities for contact tracing, testing, and isolation. PLoS ONE, 2021, 16, e0247614.	1.1	19
32	Relational Learning Improves Prediction of Mortality in COVID-19 in the Intensive Care Unit. IEEE Transactions on Big Data, 2021, 7, 38-44.	4.4	10
33	Combining Initial Radiographs and Clinical Variables Improves Deep Learning Prognostication in Patients with COVID-19 from the Emergency Department. Radiology: Artificial Intelligence, 2021, 3, e200098.	3.0	47
34	Toward a fine-scale population health monitoring system. Cell, 2021, 184, 2068-2083.e11.	13.5	78
35	PHENOTYPING ST-ELEVATION MYOCARDIAL INFARCTION FROM ELECTRONIC HEALTH RECORDS: DEVELOPMENT AND VALIDATION OF TECHNIQUES. Journal of the American College of Cardiology, 2021, 77, 195.	1.2	0
36	Utility of routinely collected electronic health records data to support effectiveness evaluations in inflammatory bowel disease: a pilot study of tofacitinib. BMJ Health and Care Informatics, 2021, 28, e100337.	1.4	7

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37	Relative Importance of Self-Reported Social Determinants of Health for Risk of Depression. Biological Psychiatry, 2021, 89, S97.	0.7	0
38	Predictive Approaches for Acute Dialysis Requirement and Death in COVID-19. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 1158-1168.	2.2	15
39	Intestinal Host Response to SARS-CoV-2 Infection and COVID-19 Outcomes in Patients With Gastrointestinal Symptoms. Gastroenterology, 2021, 160, 2435-2450.e34.	0.6	118
40	Quantification of US Food and Drug Administration Premarket Approval Statements for High-Risk Medical Devices With Pediatric Age Indications. JAMA Network Open, 2021, 4, e2112562.	2.8	8
41	Non-invasive ventilation versus mechanical ventilation in hypoxemic patients with COVID-19. Infection, 2021, 49, 989-997.	2.3	13
42	Abstract 174: In-depth transcriptomic comparisons provide novel insights into cancer metastasis. , 2021, , .		0
43	Acute Kidney Injury in Patients Hospitalized With COVID-19 in New York City: Temporal Trends From March 2020 to April 2021. Kidney Medicine, 2021, 3, 877-879.	1.0	12
44	Development and validation of techniques for phenotyping ST-elevation myocardial infarction encounters from electronic health records. JAMIA Open, 2021, 4, ooab068.	1.0	1
45	FIBER: enabling flexible retrieval of electronic health records data for clinical predictive modeling. JAMIA Open, 2021, 4, ooab048.	1.0	1
46	A Simple Free-Text-like Method for Extracting Semi-Structured Data from Electronic Health Records: Exemplified in Prediction of In-Hospital Mortality. Big Data and Cognitive Computing, 2021, 5, 40.	2.9	3
47	B-PO01-082 ARTIFICIAL INTELLIGENCE-ASSISTED QRS AMPLITUDE ANALYSIS OF THE PRESENTING ELECTROCARDIOGRAM PREDICTS MORTALITY IN COVID-19. Heart Rhythm, 2021, 18, S83.	0.3	0
48	Downregulation of exhausted cytotoxic T cells in gene expression networks of multisystem inflammatory syndrome in children. Nature Communications, 2021, 12, 4854.	5.8	42
49	The association between obesity and peak antibody titer response in COVIDâ€19 infection. Obesity, 2021, 29, 1547-1553.	1.5	35
50	Evaluation and management of COVID-19-related severity in people with type 2 diabetes. BMJ Open Diabetes Research and Care, 2021, 9, e002299.	1.2	12
51	Phe2vec: Automated disease phenotyping based on unsupervised embeddings from electronic health records. Patterns, 2021, 2, 100337.	3.1	19
52	Opportunities and challenges for artificial intelligence in clinical cardiovascular genetics. Trends in Genetics, 2021, 37, 780-783.	2.9	1
53	Sex-Specific Cross Tissue Meta-Analysis Identifies Immune Dysregulation in Women With Alzheimer's Disease. Frontiers in Aging Neuroscience, 2021, 13, 735611.	1.7	23
54	Federated learning for predicting clinical outcomes in patients with COVID-19. Nature Medicine, 2021, 27, 1735-1743.	15.2	300

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55	Prognostic value of polygenic risk scores for adults with psychosis. Nature Medicine, 2021, 27, 1576-1581.	15.2	31
56	Impact of Myocardial Injury in Hospitalized Patients With COVID-19 in 2 Peak Time Periods. Journal of the American College of Cardiology, 2021, 78, 1482-1483.	1.2	3
57	Experimental and real-world evidence supporting the computational repurposing of bumetanide for APOE4-related Alzheimer's disease. Nature Aging, 2021, 1, 932-947.	5.3	58
58	Artificial intelligence in gastroenterology: A state-of-the-art review. World Journal of Gastroenterology, 2021, 27, 6794-6824.	1.4	50
59	Contrastive learning improves critical event prediction in COVID-19 patients. Patterns, 2021, 2, 100389.	3.1	21
60	Synergistic effect of hypoalbuminaemia and hypotension in predicting in-hospital mortality and intensive care admission: a retrospective cohort study. BMJ Open, 2021, 11, e050216.	0.8	3
61	Predictive Modelling of Susceptibility to Substance Abuse, Mortality and Drug-Drug Interactions in Opioid Patients. Frontiers in Artificial Intelligence, 2021, 4, 742723.	2.0	4
62	Exploring the Potential for Collaborative Use of an App-Based Platform for n-of-1 Trials Among Healthcare Professionals That Treat Patients With Insomnia. Frontiers in Psychiatry, 2020, 11, 530995.	1.3	2
63	Utilization of Deep Learning for Subphenotype Identification in Sepsis-Associated Acute Kidney Injury. Clinical Journal of the American Society of Nephrology: CJASN, 2020, 15, 1557-1565.	2.2	59
64	Sepsis in the era of data-driven medicine: personalizing risks, diagnoses, treatments and prognoses. Briefings in Bioinformatics, 2020, 21, 1182-1195.	3.2	29
65	Protected Health Information filter (Philter): accurately and securely de-identifying free-text clinical notes. Npj Digital Medicine, 2020, 3, 57.	5.7	38
66	Retrospective cohort study of clinical characteristics of 2199 hospitalised patients with COVID-19 in New York City. BMJ Open, 2020, 10, e040736.	0.8	50
67	Atypical lymphocyte morphology in SARS-CoV-2 infection. Pathology Research and Practice, 2020, 216, 153063.	1.0	17
68	Sampling the host response to SARS-CoV-2 in hospitals under siege. Nature Medicine, 2020, 26, 1157-1158.	15.2	27
69	Deep representation learning of electronic health records to unlock patient stratification at scale. Npj Digital Medicine, 2020, 3, 96.	5.7	90
70	Immune complement and coagulation dysfunction in adverse outcomes of SARS-CoV-2 infection. Nature Medicine, 2020, 26, 1609-1615.	15.2	255
71	SARS-CoV-2 viral load predicts COVID-19 mortality. Lancet Respiratory Medicine, the, 2020, 8, e70.	5.2	432
72	Activation of cytotoxic T cell population and inversion of CD4:CD8 ratio as manifestations of cellular immune response in SARS-COV-2 infection. Journal of Hematopathology, 2020, 13, 197-199.	0.2	8

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73	Hospitalised COVID-19 patients of the Mount Sinai Health System: a retrospective observational study using the electronic medical records. BMJ Open, 2020, 10, e040441.	0.8	48
74	Prognostic Impact of Prior HeartÂFailure in Patients Hospitalized With COVID-19. Journal of the American College of Cardiology, 2020, 76, 2334-2348.	1.2	157
75	Accuracy of medical billing data against the electronic health record in the measurement of colorectal cancer screening rates. BMJ Open Quality, 2020, 9, e000856.	0.4	9
76	Anticoagulation, Bleeding, Mortality, and Pathology in Hospitalized Patients With COVID-19. Journal of the American College of Cardiology, 2020, 76, 1815-1826.	1.2	383
77	Characterization of Patients Who Return to Hospital Following Discharge from Hospitalization for COVID-19. Journal of General Internal Medicine, 2020, 35, 2838-2844.	1.3	79
78	Self-reported health without clinically measurable benefits among adult users of multivitamin and multimineral supplements: a cross-sectional study. BMJ Open, 2020, 10, e039119.	0.8	5
79	Association of APOL1 Risk Genotype and Air Pollution for Kidney Disease. Clinical Journal of the American Society of Nephrology: CJASN, 2020, 15, 401-403.	2.2	14
80	Association of Treatment Dose Anticoagulation With In-Hospital Survival Among Hospitalized Patients With COVID-19. Journal of the American College of Cardiology, 2020, 76, 122-124.	1.2	814
81	Identification of therapeutic targets from genetic association studies using hierarchical component analysis. BioData Mining, 2020, 13, 6.	2.2	3
82	Machine Learning in Cardiology—Ensuring Clinical Impact Lives Up to the Hype. Journal of Cardiovascular Pharmacology and Therapeutics, 2020, 25, 379-390.	1.0	11
83	Derivation and validation of genome-wide polygenic score for urinary tract stone diagnosis. Kidney International, 2020, 98, 1323-1330.	2.6	12
84	Prevalence and Impact of Myocardial Injury in Patients Hospitalized With COVID-19 Infection. Journal of the American College of Cardiology, 2020, 76, 533-546.	1.2	592
85	Sleep in the Natural Environment: A Pilot Study. Sensors, 2020, 20, 1378.	2.1	11
86	Coronavirus 2019 and People Living With Human Immunodeficiency Virus: Outcomes for Hospitalized Patients in New York City. Clinical Infectious Diseases, 2020, 71, 2933-2938.	2.9	189
87	Blockchain-Authenticated Sharing of Genomic and Clinical Outcomes Data of Patients With Cancer: A Prospective Cohort Study. Journal of Medical Internet Research, 2020, 22, e16810.	2.1	29
88	Identifying Acute Low Back Pain Episodes in Primary Care Practice From Clinical Notes: Observational Study. JMIR Medical Informatics, 2020, 8, e16878.	1.3	19
89	Machine Learning to Predict Mortality and Critical Events in a Cohort of Patients With COVID-19 in New York City: Model Development and Validation. Journal of Medical Internet Research, 2020, 22, e24018.	2.1	174
90	Heterogeneous Graph Embeddings of Electronic Health Records Improve Critical Care Disease Predictions. Lecture Notes in Computer Science, 2020, , 14-25.	1.0	0

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91	Integrative analysis of loss-of-function variants in clinical and genomic data reveals novel genes associated with cardiovascular traits. BMC Medical Genomics, 2019, 12, 108.	0.7	8
92	A transcriptomic model to predict increase in fibrous cap thickness in response to high-dose statin treatment: Validation by serial intracoronary OCT imaging. EBioMedicine, 2019, 44, 41-49.	2.7	9
93	PatientExploreR: an extensible application for dynamic visualization of patient clinical history from electronic health records in the OMOP common data model. Bioinformatics, 2019, 35, 4515-4518.	1.8	28
94	Evaluating cell lines as models for metastatic breast cancer through integrative analysis of genomic data. Nature Communications, 2019, 10, 2138.	5.8	58
95	Deep learning predicts hip fracture using confounding patient and healthcare variables. Npj Digital Medicine, 2019, 2, 31.	5.7	158
96	ROMOP: a light-weight R package for interfacing with OMOP-formatted electronic health record data. JAMIA Open, 2019, 2, 10-14.	1.0	11
97	Confronting data sparsity to identify potential sources of Zika virus spillover infection among primates. Epidemics, 2019, 27, 59-65.	1.5	30
98	Leveraging Big Data to Transform Drug Discovery. Methods in Molecular Biology, 2019, 1939, 91-118.	0.4	27
99	Assessment of a Deep Learning Model Based on Electronic Health Record Data to Forecast Clinical Outcomes in Patients With Rheumatoid Arthritis. JAMA Network Open, 2019, 2, e190606.	2.8	135
100	Lyme Disease Patient Trajectories Learned from Electronic Medical Data for Stratification of Disease Risk and Therapeutic Response. Scientific Reports, 2019, 9, 4460.	1.6	4
101	Selecting precise reference normal tissue samples for cancer research using a deep learning approach. BMC Medical Genomics, 2019, 12, 21.	0.7	37
102	58â€Identification of systemic lupus erythematosus subgroups using electronic health record and genetic databases. , 2019, , .		0
103	Robust prediction of clinical outcomes using cytometry data. Bioinformatics, 2019, 35, 1197-1203.	1.8	25
104	A call for deep-learning healthcare. Nature Medicine, 2019, 25, 14-15.	15.2	161
105	CANDI: an R package and Shiny app for annotating radiographs and evaluating computer-aided diagnosis. Bioinformatics, 2019, 35, 1610-1612.	1.8	4
106	Causal inference on electronic health records to assess blood pressure treatment targets: an application of the parametric g formula. , 2018, , .		5
107	The next generation of precision medicine: observational studies, electronic health records, biobanks and continuous monitoring. Human Molecular Genetics, 2018, 27, R56-R62.	1.4	48
108	Machine learning in cardiovascular medicine: are we there yet?. Heart, 2018, 104, 1156-1164.	1.2	329

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109	Systematic analyses of drugs and disease indications in RepurposeDB reveal pharmacological, biological and epidemiological factors influencing drug repositioning. Briefings in Bioinformatics, 2018, 19, 656-678.	3.2	81
110	Automated disease cohort selection using word embeddings from Electronic Health Records. , 2018, , .		29
111	Pharmacological risk factors associated with hospital readmission rates in a psychiatric cohort identified using prescriptome data mining. BMC Medical Informatics and Decision Making, 2018, 18, 79.	1.5	10
112	Automatic processing of Electronic Medical Records using Deep Learning. , 2018, , .		3
113	Landscape of Conditional eQTL in Dorsolateral Prefrontal Cortex and Co-localization with Schizophrenia GWAS. American Journal of Human Genetics, 2018, 102, 1169-1184.	2.6	128
114	Melanocortin 4 Receptor Pathway Dysfunction in Obesity: Patient Stratification Aimed at MC4R Agonist Treatment. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 2601-2612.	1.8	50
115	The whole is greater than the sum of its parts: combining classical statistical and machine intelligence methods in medicine. Heart, 2018, 104, 1228-1228.	1.2	15
116	Adaptive Landscape of Protein Variation in Human Exomes. Molecular Biology and Evolution, 2018, 35, 2015-2025.	3.5	10
117	Artificial Intelligence in Cardiology. Journal of the American College of Cardiology, 2018, 71, 2668-2679.	1.2	690
118	Loss-of-function of neuroplasticity-related genes confers risk for human neurodevelopmental disorders. , 2018, , .		6
119	Automated disease cohort selection using word embeddings from Electronic Health Records. Pacific Symposium on Biocomputing, 2018, 23, 145-156.	0.7	17
120	A Network-Biology Informed Computational Drug Repositioning Strategy to Target Disease Risk Trajectories and Comorbidities of Peripheral Artery Disease. AMIA Summits on Translational Science Proceedings, 2018, 2017, 108-117.	0.4	4
121	Translational bioinformatics in the era of real-time biomedical, health care and wellness data streams. Briefings in Bioinformatics, 2017, 18, 105-124.	3.2	146
122	INVESTIGATION OF NOVEL DRUG TARGETS IMPLICATED IN HIGH-DOSE STATIN THERAPY FROM YELLOW-II TRIAL: TOWARDS PERSONALIZED LIPID LOWERING THERAPIES. Journal of the American College of Cardiology, 2017, 69, 977.	1.2	0
123	IDENTIFY CANCER DRIVER GENES THROUGH SHARED MENDELIAN DISEASE PATHOGENIC VARIANTS AND CANCER SOMATIC MUTATIONS. , 2017, 22, 473-484.		7
124	MP14-08 A MULTISCALE SURVEY OF INFLAMMATORY DISEASES AND PROSTATE ONCOPHENOTYPES Journal of Urology, 2017, 197, .	0.2	0
125	Intracoronary Imaging, Cholesterol Efflux, and Transcriptomics after Intensive Statin Treatment in Diabetes. Scientific Reports, 2017, 7, 7001.	1.6	12
126	Predicting age by mining electronic medical records with deep learning characterizes differences between chronological and physiological age. Journal of Biomedical Informatics, 2017, 76, 59-68.	2.5	28

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127	Enabling Precision Cardiology Through Multiscale Biology and Systems Medicine. JACC Basic To Translational Science, 2017, 2, 311-327.	1.9	61
128	Genetic identification of a common collagen disease in Puerto Ricans via identity-by-descent mapping in a health system. ELife, 2017, 6, .	2.8	65
129	Abstract 3250: Computational drug repositioning and biochemical validation of piperlongumine as a potent therapeutic agent for neuroendocrine prostate cancer. , 2017, , .		1
130	Abstract 3772: A multi-scale survey to assess the impact of inflammatory diseases of the abdominal cavity and prostate cancer severity. , 2017, , .		0
131	EHDViz: clinical dashboard development using open-source technologies. BMJ Open, 2016, 6, e010579.	0.8	48
132	A loss of function variant in CASP7 protects against Alzheimer's disease in homozygous APOE ε4 allele carriers. BMC Genomics, 2016, 17, 445.	1.2	26
133	Development and clinical application of an integrative genomic approach to personalized cancer therapy. Genome Medicine, 2016, 8, 62.	3.6	71
134	Comparative analyses of population-scale phenomic data in electronic medical records reveal race-specific disease networks. Bioinformatics, 2016, 32, i101-i110.	1.8	39
135	Data-Driven Identification of Risk Factors of Patient Satisfaction at a Large Urban Academic Medical Center. PLoS ONE, 2016, 11, e0156076.	1.1	20
136	Disease-associated variants in different categories of disease located in distinct regulatory elements. BMC Genomics, 2015, 16, S3.	1.2	41
137	Identification of type 2 diabetes subgroups through topological analysis of patient similarity. Science Translational Medicine, 2015, 7, 311ra174.	5.8	426
138	An integrative pipeline for multi-modal discovery of disease relationships. Pacific Symposium on Biocomputing, 2015, , 407-18.	0.7	13
139	AN INTEGRATIVE PIPELINE FOR MULTI-MODAL DISCOVERY OF DISEASE RELATIONSHIPS. , 2014, , .		15
140	Neurocognitive effects of ketamine in treatment-resistant major depression: association with antidepressant response. Psychopharmacology, 2014, 231, 481-488.	1.5	73
141	Machine Learning to Predict Inâ€Hospital Mortality among Patients with Severe Obesity: Proof of Concept Study. Obesity Science and Practice, 0, , .	1.0	Ο