

Michael E Matheny

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

159
papers

5,206
citations

40
h-index

68
g-index

188
ext. papers

6,695
ext. citations

6.9
avg, IF

5.66
L-index

#	Paper	IF	Citations
159	Contemporary incidence, predictors, and outcomes of acute kidney injury in patients undergoing percutaneous coronary interventions: insights from the NCDR Cath-PCI registry. <i>JACC: Cardiovascular Interventions</i> , 2014 , 7, 1-9	5	315
158	Hypoglycemia and clinical outcomes in patients with diabetes hospitalized in the general ward. <i>Diabetes Care</i> , 2009 , 32, 1153-7	14.6	309
157	Automated identification of postoperative complications within an electronic medical record using natural language processing. <i>JAMA - Journal of the American Medical Association</i> , 2011 , 306, 848-55	27.4	292
156	Large-scale prediction of adverse drug reactions using chemical, biological, and phenotypic properties of drugs. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012 , 19, e28-35	8.6	182
155	Commonly used surrogates for baseline renal function affect the classification and prognosis of acute kidney injury. <i>Kidney International</i> , 2010 , 77, 536-42	9.9	179
154	Characterizing treatment pathways at scale using the OHDSI network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 7329-36	11.5	175
153	Estimating baseline kidney function in hospitalized patients with impaired kidney function. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2012 , 7, 712-9	6.9	155
152	Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. <i>Nature Genetics</i> , 2019 , 51, 51-62	36.3	152
151	Outpatient nephrology referral rates after acute kidney injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2012 , 23, 305-12	12.7	138
150	A propensity analysis of the risk of vascular complications after cardiac catheterization procedures with the use of vascular closure devices. <i>American Heart Journal</i> , 2007 , 153, 606-11	4.9	128
149	Validated contemporary risk model of acute kidney injury in patients undergoing percutaneous coronary interventions: insights from the National Cardiovascular Data Registry Cath-PCI Registry. <i>Journal of the American Heart Association</i> , 2014 , 3, e001380	6	114
148	iDASH: integrating data for analysis, anonymization, and sharing. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012 , 19, 196-201	8.6	114
147	Calibration drift in regression and machine learning models for acute kidney injury. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017 , 24, 1052-1061	8.6	109
146	Artificial Intelligence in Health Care: A Report From the National Academy of Medicine. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 509-510	27.4	101
145	Predictors of Recurrent AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 1190-200	12.7	84
144	Adverse drug event rates in six community hospitals and the potential impact of computerized physician order entry for prevention. <i>Journal of General Internal Medicine</i> , 2010 , 25, 31-8	4	78
143	Risk of hydroxychloroquine alone and in combination with azithromycin in the treatment of rheumatoid arthritis: a multinational, retrospective study. <i>Lancet Rheumatology, The</i> , 2020 , 2, e698-e711 ^{14.2}	14.2	71

142	A cost-minimization analysis of the angio-seal vascular closure device following percutaneous coronary intervention. <i>American Journal of Cardiology</i> , 2007 , 99, 766-70	3	70
141	Risk predictors of retroperitoneal hemorrhage following percutaneous coronary intervention. <i>American Journal of Cardiology</i> , 2008 , 102, 1473-6	3	68
140	Occurrence of adverse, often preventable, events in community hospitals involving nephrotoxic drugs or those excreted by the kidney. <i>Kidney International</i> , 2009 , 76, 1192-8	9.9	67
139	Choice of Reference Serum Creatinine in Defining Acute Kidney Injury. <i>Nephron</i> , 2015 , 131, 107-12	3.3	66
138	Development of inpatient risk stratification models of acute kidney injury for use in electronic health records. <i>Medical Decision Making</i> , 2010 , 30, 639-50	2.5	65
137	Use of multiple imputation method to improve estimation of missing baseline serum creatinine in acute kidney injury research. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013 , 8, 10-8	6.9	63
136	Challenges and strategies for implementing genomic services in diverse settings: experiences from the Implementing GeNomics In pracTiCE (IGNITE) network. <i>BMC Medical Genomics</i> , 2017 , 10, 35	3.7	61
135	Impact of non-interruptive medication laboratory monitoring alerts in ambulatory care. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2009 , 16, 66-71	8.6	60
134	pSCANNER: patient-centered Scalable National Network for Effectiveness Research. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014 , 21, 621-6	8.6	59
133	Exploring the frontier of electronic health record surveillance: the case of postoperative complications. <i>Medical Care</i> , 2013 , 51, 509-16	3.1	57
132	Renin-angiotensin system blockers and susceptibility to COVID-19: an international, open science, cohort analysis. <i>The Lancet Digital Health</i> , 2021 , 3, e98-e114	14.4	52
131	Clinical inertia of discharge planning among patients with poorly controlled diabetes mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 2019-26	5.6	50
130	Comparative analysis of pharmacovigilance methods in the detection of adverse drug reactions using electronic medical records. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013 , 20, 420-6	8.6	49
129	Creating a Common Data Model for Comparative Effectiveness with the Observational Medical Outcomes Partnership. <i>Applied Clinical Informatics</i> , 2015 , 6, 536-47	3.1	47
128	Automated surveillance to detect postprocedure safety signals of approved cardiovascular devices. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 304, 2019-27	27.4	46
127	Registry-Based Prospective, Active Surveillance of Medical-Device Safety. <i>New England Journal of Medicine</i> , 2017 , 376, 526-535	59.2	44
126	Acute kidney injury is a risk factor for subsequent proteinuria. <i>Kidney International</i> , 2018 , 93, 460-469	9.9	44
125	Adverse drug events during AKI and its recovery. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013 , 8, 1070-8	6.9	44

124	Projected Prevalence of Actionable Pharmacogenetic Variants and Level A Drugs Prescribed Among US Veterans Health Administration Pharmacy Users. <i>JAMA Network Open</i> , 2019 , 2, e195345	10.4	43
123	A randomized trial of electronic clinical reminders to improve medication laboratory monitoring. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2008 , 15, 424-9	8.6	43
122	Prognosis in critical care. <i>Annual Review of Biomedical Engineering</i> , 2006 , 8, 567-99	12	43
121	Identification of adverse drug-drug interactions through causal association rule discovery from spontaneous adverse event reports. <i>Artificial Intelligence in Medicine</i> , 2017 , 76, 7-15	7.4	42
120	Impact of an automated test results management system on patients' satisfaction about test result communication. <i>Archives of Internal Medicine</i> , 2007 , 167, 2233-9		40
119	Hospital Mortality in the United States following Acute Kidney Injury. <i>BioMed Research International</i> , 2016 , 2016, 4278579	3	39
118	Quantifying the learning curve in the use of a novel vascular closure device: an analysis of the NCDR (National Cardiovascular Data Registry) CathPCI registry. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, 82-9	5	35
117	Vascular closure device failure in contemporary practice. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, 837-44	5	34
116	A nonparametric updating method to correct clinical prediction model drift. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019 , 26, 1448-1457	8.6	30
115	Detection of infectious symptoms from VA emergency department and primary care clinical documentation. <i>International Journal of Medical Informatics</i> , 2012 , 81, 143-56	5.3	30
114	Acute Kidney Injury Risk Prediction in Patients Undergoing Coronary Angiography in a National Veterans Health Administration Cohort With External Validation. <i>Journal of the American Heart Association</i> , 2015 , 4,	6	29
113	Assisted annotation of medical free text using RapTAT. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014 , 21, 833-41	8.6	28
112	Risk-treatment paradox in the selection of transradial access for percutaneous coronary intervention. <i>Journal of the American Heart Association</i> , 2013 , 2, e000174	6	28
111	Risk of Hypoglycemia Following Hospital Discharge in Patients With Diabetes and Acute Kidney Injury. <i>Diabetes Care</i> , 2018 , 41, 503-512	14.6	27
110	Development and evaluation of RapTAT: a machine learning system for concept mapping of phrases from medical narratives. <i>Journal of Biomedical Informatics</i> , 2014 , 48, 54-65	10.2	27
109	Acute Kidney Injury and Risk of Incident Heart Failure Among US Veterans. <i>American Journal of Kidney Diseases</i> , 2018 , 71, 236-245	7.4	27
108	Prognostic models will be victims of their own success, unless. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019 , 26, 1645-1650	8.6	26
107	High prevalence of non-steroidal anti-inflammatory drug use among acute kidney injury survivors in the southern community cohort study. <i>BMC Nephrology</i> , 2016 , 17, 189	2.7	26

106	Laboratory test surveillance following acute kidney injury. <i>PLoS ONE</i> , 2014 , 9, e103746	3.7	26
105	Medical Devices in the Real World. <i>New England Journal of Medicine</i> , 2018 , 378, 595-597	59.2	25
104	Risk-adjusted sequential probability ratio test control chart methods for monitoring operator and institutional mortality rates in interventional cardiology. <i>American Heart Journal</i> , 2008 , 155, 114-20	4.9	25
103	Timing of Recovery From Moderate to Severe AKI and the Risk for Future Loss of Kidney Function. <i>American Journal of Kidney Diseases</i> , 2020 , 75, 204-213	7.4	25
102	National Veterans Health Administration inpatient risk stratification models for hospital-acquired acute kidney injury. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015 , 22, 1054-71	8.6	24
101	Association of Cardiac Rehabilitation With Decreased Hospitalization and Mortality Risk After Cardiac Valve Surgery. <i>JAMA Cardiology</i> , 2019 , 4, 1250-1259	16.2	22
100	Congestive heart failure information extraction framework for automated treatment performance measures assessment. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017 , 24, e40-e46	8.6	22
99	Treatment intensification and blood glucose control among hospitalized diabetic patients. <i>Journal of General Internal Medicine</i> , 2008 , 23, 184-9	4	21
98	Automating Quality Measures for Heart Failure Using Natural Language Processing: A Descriptive Study in the Department of Veterans Affairs. <i>JMIR Medical Informatics</i> , 2018 , 6, e5	3.6	21
97	Incidence and In-Hospital Mortality of Acute Kidney Injury (AKI) and Dialysis-Requiring AKI (AKI-D) After Cardiac Catheterization in the National Inpatient Sample. <i>Journal of the American Heart Association</i> , 2016 , 5, e002739	6	21
96	Comparison of transradial versus transfemoral percutaneous coronary intervention in routine practice: evidence for the importance of "falsification hypotheses" in observational studies of comparative effectiveness. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 2147-8	15.1	20
95	Detecting temporal expressions in medical narratives. <i>International Journal of Medical Informatics</i> , 2013 , 82, 118-27	5.3	20
94	Timeliness of interfacility transfer for ED patients with ST-elevation myocardial infarction. <i>American Journal of Emergency Medicine</i> , 2015 , 33, 423-9	2.9	19
93	Determining molecular predictors of adverse drug reactions with causality analysis based on structure learning. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014 , 21, 245-51	8.6	19
92	Development of an automated phenotyping algorithm for hepatorenal syndrome. <i>Journal of Biomedical Informatics</i> , 2018 , 80, 87-95	10.2	18
91	Characteristics and Outcomes of Patients Discharged Home from an Emergency Department with AKI. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017 ,	6.9	18
90	An evaluation of a distributed medical device safety surveillance system: the DELTA network study. <i>Contemporary Clinical Trials</i> , 2011 , 32, 309-17	2.3	18
89	Validation of an automated safety surveillance system with prospective, randomized trial data. <i>Medical Decision Making</i> , 2009 , 29, 247-56	2.5	18

88	Incrementally Transforming Electronic Medical Records into the Observational Medical Outcomes Partnership Common Data Model: A Multidimensional Quality Assurance Approach. <i>Applied Clinical Informatics</i> , 2019 , 10, 794-803	3.1	18
87	Reduced Mortality Associated with Acute Kidney Injury Requiring Dialysis in the United States. <i>American Journal of Nephrology</i> , 2016 , 43, 261-70	4.6	16
86	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, 1187-95	8.6	16
85	Effects of SVM parameter optimization on discrimination and calibration for post-procedural PCI mortality. <i>Journal of Biomedical Informatics</i> , 2007 , 40, 688-97	10.2	16
84	Monitoring device safety in interventional cardiology. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2006 , 13, 180-7	8.6	16
83	Cross-site transportability of an explainable artificial intelligence model for acute kidney injury prediction. <i>Nature Communications</i> , 2020 , 11, 5668	17.4	16
82	The use of structured data elements to identify ASCVD patients with statin-associated side effects: Insights from the Department of Veterans Affairs. <i>Journal of Clinical Lipidology</i> , 2019 , 13, 797-803.e1	4.9	16
81	Data mining methodologies for pharmacovigilance. <i>SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining</i> , 2012 , 14, 35-42	4.6	15
80	Chronic Kidney Disease Progression and Cardiovascular Outcomes Following Cardiac Catheterization-A Population-Controlled Study. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	14
79	Evaluation of an automated safety surveillance system using risk adjusted sequential probability ratio testing. <i>BMC Medical Informatics and Decision Making</i> , 2011 , 11, 75	3.6	14
78	Calibration Drift Among Regression and Machine Learning Models for Hospital Mortality 2017 , 2017, 625-634	0.7	14
77	The data extraction and longitudinal trend analysis network study of distributed automated postmarket cardiovascular device safety surveillance. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2015 , 8, 38-46	5.8	13
76	Medication-error alerts for warfarin orders detected by a bar-code-assisted medication administration system. <i>American Journal of Health-System Pharmacy</i> , 2011 , 68, 434-41	2.2	12
75	COVID-19 in patients with autoimmune diseases: characteristics and outcomes in a multinational network of cohorts across three countries. <i>Rheumatology</i> , 2021 , 60, S137-S150	3.9	12
74	International Analysis of Electronic Health Records of Children and Youth Hospitalized With COVID-19 Infection in 6 Countries. <i>JAMA Network Open</i> , 2021 , 4, e2112596	10.4	12
73	Automated mapping of laboratory tests to LOINC codes using noisy labels in a national electronic health record system database. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018 , 25, 1292-1300	8.6	12
72	Application of contextual design methods to inform targeted clinical decision support interventions in sub-specialty care environments. <i>International Journal of Medical Informatics</i> , 2018 , 117, 55-65	5.3	9
71	Analyses of longitudinal, hospital clinical laboratory data with application to blood glucose concentrations. <i>Statistics in Medicine</i> , 2011 , 30, 3208-20	2.3	9

70	International Comparisons of Harmonized Laboratory Value Trajectories to Predict Severe COVID-19: Leveraging the 4CE Collaborative Across 342 Hospitals and 6 Countries: A Retrospective Cohort Study 2021 ,		9
69	Detection of calibration drift in clinical prediction models to inform model updating. <i>Journal of Biomedical Informatics</i> , 2020 , 112, 103611	10.2	9
68	Predicting 30-Day Hospital Readmission Risk in a National Cohort of Patients with Cirrhosis. <i>Digestive Diseases and Sciences</i> , 2020 , 65, 1003-1031	4	9
67	COVID-19 TestNorm: A tool to normalize COVID-19 testing names to LOINC codes. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020 , 27, 1437-1442	8.6	8
66	Perfectly Secure and Efficient Two-Party Electronic-Health-Record Linkage. <i>IEEE Internet Computing</i> , 2018 , 22, 32-41	2.4	8
65	Rare adverse event monitoring of medical devices with the use of an automated surveillance tool 2007 , 518-22	0.7	8
64	Advancing Artificial Intelligence in Health Settings Outside the Hospital and Clinic.. <i>NAM Perspectives</i> , 2020 , 2020,	2.8	8
63	National Lung Cancer Screening Utilization Trends in the Veterans Health Administration. <i>JNCI Cancer Spectrum</i> , 2020 , 4, pkaa053	4.6	8
62	Renin-angiotensin aldosterone inhibitor use at hospital discharge among patients with moderate to severe acute kidney injury and its association with recurrent acute kidney injury and mortality. <i>Kidney International</i> , 2021 , 99, 1202-1212	9.9	8
61	Characteristics and outcomes of 627 044 COVID-19 patients living with and without obesity in the United States, Spain, and the United Kingdom. <i>International Journal of Obesity</i> , 2021 , 45, 2347-2357	5.5	8
60	Comparison of COVID-19 versus influenza on the incidence, features, and recovery from acute kidney injury in hospitalized United States Veterans. <i>Kidney International</i> , 2021 , 100, 894-905	9.9	8
59	Validation of long-term benefits of bivalirudin versus unfractionated heparin in routine clinical practice after percutaneous coronary intervention. <i>American Journal of Cardiology</i> , 2010 , 106, 1234-40	3	7
58	Detection of blood culture bacterial contamination using natural language processing 2009 , 2009, 411-50.7	5.7	7
57	The Building Blocks of Interoperability. A Multisite Analysis of Patient Demographic Attributes Available for Matching. <i>Applied Clinical Informatics</i> , 2017 , 8, 322-336	3.1	6
56	A comparison of methods for assessing penetrating trauma on retrospective multi-center data. <i>Journal of Biomedical Informatics</i> , 2009 , 42, 308-16	10.2	6
55	Association of Wearable Device Use With Pulse Rate and Health Care Use in Adults With Atrial Fibrillation. <i>JAMA Network Open</i> , 2021 , 4, e215821	10.4	6
54	A Proposed Framework on Integrating Health Equity and Racial Justice into the Artificial Intelligence Development Lifecycle. <i>Journal of Health Care for the Poor and Underserved</i> , 2021 , 32, 300-317	11.7	6
53	Comparative Performance of Prediction Models for Contrast-Associated Acute Kidney Injury After Percutaneous Coronary Intervention. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2019 , 12, e005854	5.8	5

52	Otolaryngologic aspects of oral-facial-digital syndrome. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2000 , 53, 39-44	1.7	5
51	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
50	Comparison of Prediction Model Performance Updating Protocols: Using a Data-Driven Testing Procedure to Guide Updating 2019 , 2019, 1002-1010	0.7	5
49	Implementation of the COVID-19 Vulnerability Index Across an International Network of Health Care Data Sets: Collaborative External Validation Study. <i>JMIR Medical Informatics</i> , 2021 , 9, e21547	3.6	5
48	Learning curve estimation in medical devices and procedures: hierarchical modeling. <i>Statistics in Medicine</i> , 2017 , 36, 2764-2785	2.3	4
47	Generation of knowledge for clinical decision support 2007 , 227-248		4
46	Baseline phenotype and 30-day outcomes of people tested for COVID-19: an international network cohort including >3.32 million people tested with real-time PCR and >219,000 tested positive for SARS-CoV-2 in South Korea, Spain and the United States 2020 ,		4
45	Enhancing trust in AI through industry self-governance. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021 , 28, 1582-1590	8.6	4
44	Determining post-test risk in a national sample of stress nuclear myocardial perfusion imaging reports: Implications for natural language processing tools. <i>Journal of Nuclear Cardiology</i> , 2019 , 26, 1878-1885	2.1	4
43	Facility-Level Variation in Reported Statin-Associated Side Effects Among Patients with Atherosclerotic Cardiovascular Disease-Perspective from the Veterans Affairs Healthcare System. <i>Cardiovascular Drugs and Therapy</i> , 2021 , 1	3.9	4
42	A clinical risk prediction model to identify patients with hepatorenal syndrome at hospital admission. <i>International Journal of Clinical Practice</i> , 2019 , 73, e13393	2.9	3
41	Generation of Knowledge for Clinical Decision Support 2014 , 309-337		3
40	Assessing the cost burden of United States FDA-mandated post-approval studies for medical devices. <i>Journal of Health Care Finance</i> , 2016 , 2016,		3
39	Multinational characterization of neurological phenotypes in patients hospitalized with COVID-19. <i>Scientific Reports</i> , 2021 , 11, 20238	4.9	3
38	Equity, Inclusivity, and Innovative Digital Technologies to Improve Adolescent and Young Adult Health. <i>Journal of Adolescent Health</i> , 2020 , 67, S4-S6	5.8	3
37	Privacy-protecting, reliable response data discovery using COVID-19 patient observations. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021 , 28, 1765-1776	8.6	3
36	Adaptation of an NLP system to a new healthcare environment to identify social determinants of health. <i>Journal of Biomedical Informatics</i> , 2021 , 120, 103851	10.2	3
35	Uptake of Video-Assisted Thoracoscopic Lung Resections Within the Veterans Affairs for Known or Suspected Lung Cancer. <i>JAMA Surgery</i> , 2019 , 154, 524-529	5.4	2

34	Time-series and risk-adjusted control charts. <i>Implementation Science</i> , 2013 , 8, S5	8.4	2
33	APOL1 Risk Variants, Acute Kidney Injury, and Death in Participants With African Ancestry Hospitalized With COVID-19 From the Million Veteran Program.. <i>JAMA Internal Medicine</i> , 2022 ,	11.5	2
32	Evaluating the discriminatory power of a computer-based system for assessing penetrating trauma on retrospective multi-center data 2005 , 500-4	0.7	2
31	Leveraging Electronic Health Care Record Information to Measure Pressure Ulcer Risk in Veterans With Spinal Cord Injury: A Longitudinal Study Protocol. <i>JMIR Research Protocols</i> , 2017 , 6, e3	2	2
30	Descriptive Usability Study of CirrODS: Clinical Decision and Workflow Support Tool for Management of Patients With Cirrhosis. <i>JMIR Medical Informatics</i> , 2019 , 7, e13627	3.6	2
29	Using Real World Data to Understand HIV and COVID-19 in the U.S.A. and Spain: Characterizing Co-Infected Patients Across the Care Cascade		2
28	Prevalence and Risk Factors for Opioid-Induced Constipation in an Older National Veteran Cohort. <i>Pain Research and Management</i> , 2020 , 2020, 5165682	2.6	2
27	Development of Electronic Health Record-Based Prediction Models for 30-Day Readmission Risk Among Patients Hospitalized for Acute Myocardial Infarction. <i>JAMA Network Open</i> , 2021 , 4, e2035782	10.4	2
26	Characteristics and Outcomes of Over 300,000 Patients with COVID-19 and History of Cancer in the United States and Spain. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021 , 30, 1884-1894	4	2
25	Improving the prediction of long-term readmission and mortality using a novel biomarker panel. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 4213-4223	1.3	2
24	Broadening the reach of the FDA Sentinel system: A roadmap for integrating electronic health record data in a causal analysis framework.. <i>Npj Digital Medicine</i> , 2021 , 4, 170	15.7	2
23	Comparative Safety of Aspiration Thrombectomy Catheters Utilizing Prospective, Active Surveillance of the NCDR CathPCI Registry. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2019 , 12, e004666	5.8	1
22	Explicit causal reasoning is preferred, but not necessary for pragmatic value. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019 , 26, 1677-1678	8.6	1
21	Quantitative impact of cardiovascular risk factors and vascular closure devices on the femoral artery after repeat cardiac catheterization. <i>American Heart Journal</i> , 2010 , 159, 125-30	4.9	1
20	Automating Quality Measures for Heart Failure Using Natural Language Processing: A Descriptive Study in the Department of Veterans Affairs (Preprint)		1
19	Impact of age on utilization and prognostic value of FLT3 and NPM1 testing in acute myeloid leukemia.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e19008-e19008	2.2	1
18	Development of a national Department of Veterans Affairs mortality risk prediction model among patients with cirrhosis. <i>BMJ Open Gastroenterology</i> , 2019 , 6, e000342	3.9	1
17	Active Surveillance of the Implantable Cardioverter-Defibrillator Registry for Defibrillator Lead Failures. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020 , 13, e006105	5.8	1

16	Long-Term Safety with Sling Mesh Implants for Stress Incontinence. <i>Journal of Urology</i> , 2021 , 205, 183-190	1
15	Validating a Computable Phenotype for Nephrotic Syndrome in Children and Adults Using PCORnet Data.. <i>Kidney360</i> , 2021 , 2, 1979-1986	1.8 1
14	Unraveling COVID-19: A Large-Scale Characterization of 4.5 Million COVID-19 Cases Using CHARYBDIS.. <i>Clinical Epidemiology</i> , 2022 , 14, 369-384	5.9 1
13	Predictors of diagnostic transition from major depressive disorder to bipolar disorder: a retrospective observational network study.. <i>Translational Psychiatry</i> , 2021 , 11, 642	8.6 1
12	Association of Rurality With Annual Repeat Lung Cancer Screening in the Veterans Health Administration.. <i>Journal of the American College of Radiology</i> , 2022 , 19, 131-138	3.5 0
11	Renin-Angiotensin-Aldosterone System Inhibitors and the Risk of AKI in COVID-19 Compared with Influenza.. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2022 ,	6.9 0
10	Leveraging structured and unstructured electronic health record data to detect reasons for suboptimal statin therapy use in patients with atherosclerotic cardiovascular disease.. <i>American Journal of Preventive Cardiology</i> , 2022 , 9, 100300	1.9 0
9	Proton-pump inhibitor use is not associated with severe COVID-19-related outcomes: a propensity score-weighted analysis of a national veteran cohort. <i>Gut</i> , 2021 ,	19.2 0
8	Comparison of automated and retrospectively calculated estimated glomerular filtration rate in electronic health record data. <i>BMC Nephrology</i> , 2018 , 19, 380	2.7 0
7	Characteristics and outcomes of patients with COVID-19 with and without prevalent hypertension: a multinational cohort study.. <i>BMJ Open</i> , 2021 , 11, e057632	3 0
6	Characteristics and outcomes of COVID-19 patients with COPD from the United States, South Korea, and Europe. <i>Wellcome Open Research</i> , 7 , 22	4.8
5	Exploration of a Bayesian updating tool to provide real-time safety monitoring for new medical devices 2005 , 1045	0.7
4	National lung cancer screening utilization trends in the Veterans Health Administration.. <i>Journal of Clinical Oncology</i> , 2019 , 37, 6547-6547	2.2
3	Validating an automated outcomes surveillance application using data from a terminated randomized, controlled trial (OPUS [TIMI-16]) 2007 , 1043	0.7
2	Ankle- and Toe-Brachial Index for Peripheral Artery Disease Identification: Unlocking Clinical Data Through Novel Methods.. <i>Circulation: Cardiovascular Interventions</i> , 2022 , CIRCINTERVENTIONS121011092	6
1	Characteristics and outcomes of COVID-19 patients with COPD from the United States, South Korea, and Europe. <i>Wellcome Open Research</i> , 7 , 22	4.8