Nilay D Shah

List of Publications by Year in Descending Order

111 papers	**3,025** citations	**27** h-index	**53** g-index
120 ext. papers	**4,015** ext. citations	**6.2** avg, IF	**5.7** L-index

#	Paper	IF	Citations
111	Characterizing Patient-Clinician Communication in Secure Medical Messages: Retrospective Study.. *Journal of Medical Internet Research*, **2022**, 24, e17273	7.6	0
110	Rates of, and factors associated with, switching among generic levothyroxine preparations in commercially insured American adults.. *Endocrine*, **2022**, 1	4	0
109	A multicenter evaluation of computable phenotyping approaches for SARS-CoV-2 infection and COVID-19 hospitalizations.. *Npj Digital Medicine*, **2022**, 5, 27	15.7	0
108	A Clinical Decision Aid to Support Personalized Treatment Selection for Patients with Clinical T1 Renal Masses: Results from a Multi-institutional Competing-risks Analysis. *European Urology*, **2021**,	10.2	1
107	Deployment of an Interdisciplinary Predictive Analytics Task Force to Inform Hospital Operational Decision-Making During the COVID-19 Pandemic. *Mayo Clinic Proceedings*, **2021**, 96, 690-698	6.4	5
106	Accuracy of Computable Phenotyping Approaches for SARS-CoV-2 Infection and COVID-19 Hospitalizations from the Electronic Health Record **2021**,		4
105	The Impact of Antifungal Prophylaxis in Lung Transplant Recipients. *Annals of the American Thoracic Society*, **2021**, 18, 468-476	4.7	7
104	Proprotein convertase subtilisin/kexin type 9 inhibitor utilization and low-density lipoprotein-cholesterol control in familial hypercholesterolemia. *Journal of Clinical Lipidology*, **2021**, 15, 339-346	4.9	0
103	U.S. Prescribing of On-and-Off-Label Medications for Alcohol Use Disorder in Outpatient Visits: NAMCS 2014 to 2016. *Journal of General Internal Medicine*, **2021**, 1	4	
102	Persistence of asthma biologic use in a US claims database. *Annals of Allergy, Asthma and Immunology*, **2021**, 127, 648-654	3.2	0
101	Levothyroxine Use in the United States, 2008-2018. *JAMA Internal Medicine*, **2021**, 181, 1402-1405	11.5	5
100	Cardiovascular outcomes and rates of fractures and falls among patients with brand-name versus generic L-thyroxine use. *Endocrine*, **2021**, 74, 592-602	4	1
99	Risk of Systemic Adverse Events after Intravitreal Bevacizumab, Ranibizumab, and Aflibercept in Routine Clinical Practice. *Ophthalmology*, **2021**, 128, 417-424	7.3	13
98	Adherence to Asthma Biologics: Implications for Patient Selection, Step Therapy, and Outcomes. *Chest*, **2021**, 159, 924-932	5.3	4
97	The validity of cost-effectiveness analyses of tight glycemic control. A systematic survey of economic evaluations of pharmacological interventions in patients with type 2 diabetes. *Endocrine*, **2021**, 71, 47-58	4	1
96	Optimizing Huddle Engagement Through Leadership and Problem Solving Within Primary Care: Results from a Cluster-Randomized Trial. *Journal of General Internal Medicine*, **2021**, 36, 2292-2299	4	0
95	Comparison of Diabetes Medications Used by Adults With Commercial Insurance vs Medicare Advantage, 2016 to 2019. *JAMA Network Open*, **2021**, 4, e2035792	10.4	14

94	Asthma Patients Who Stop Asthma Biologics Have a Similar Risk of Asthma Exacerbations as Those Who Continue Asthma Biologics. *Journal of Allergy and Clinical Immunology: in Practice*, **2021**, 9, 2742-2750.e1	5.4	1
93	Outcomes for hospitalized patients with idiopathic pulmonary fibrosis treated with antifibrotic medications. *BMC Pulmonary Medicine*, **2021**, 21, 239	3.5	0
92	Adoption of the Antifibrotic Medications Pirfenidone and Nintedanib for Patients with Idiopathic Pulmonary Fibrosis. *Annals of the American Thoracic Society*, **2021**, 18, 1121-1128	4.7	8
91	Quantifying the Importance of COVID-19 Vaccination to Our Future Outlook. *Mayo Clinic Proceedings*, **2021**, 96, 1890-1895	6.4	3
90	The Association of Readmission Reduction Activities with Primary Care Practice Readmission Rates. *Journal of General Internal Medicine*, **2021**, 1	4	1
89	Making sense of diabetes medication decisions: a mixed methods cluster randomized trial using a conversation aid intervention. *Endocrine*, **2021**, 1	4	1
88	Feasibility of using real-world data in the evaluation of cardiac ablation catheters: a test-case of the National Evaluation System for Health Technology Coordinating Center.. *BMJ Surgery, Interventions, and Health Technologies*, **2021**, 3, e000089	1.2	1
87	Heart Watch Study: protocol for a pragmatic randomised controlled trial.. *BMJ Open*, **2021**, 11, e054550	3	0
86	Association of Do-Not-Resuscitate Patient Case Mix With Publicly Reported Risk-Standardized Hospital Mortality and Readmission Rates. *JAMA Network Open*, **2020**, 3, e2010383	10.4	4
85	Utilization of Mobility Data in the Fight Against COVID-19. *Mayo Clinic Proceedings Innovations, Quality & Outcomes*, **2020**, 4, 733-735	3.1	3
84	Patient and provider-level factors associated with changes in utilization of treatments in response to evidence on ineffectiveness or harm. *International Journal of Health Economics and Management*, **2020**, 20, 299-317	1.7	4
83	Place, poverty and prescriptions: a cross-sectional study using Area Deprivation Index to assess opioid use and drug-poisoning mortality in the USA from 2012 to 2017. *BMJ Open*, **2020**, 10, e035376	3	11
82	Capacity Coaching: A Focused Ethnographic Evaluation in Clinical Practice. *Mayo Clinic Proceedings Innovations, Quality & Outcomes*, **2020**, 4, 190-202	3.1	4
81	Association of Neighborhood Measures of Social Determinants of Health With Breast, Cervical, and Colorectal Cancer Screening Rates in the US Midwest. *JAMA Network Open*, **2020**, 3, e200618	10.4	51
80	Generalizability of the CASTLE-AF trial: Catheter ablation for patients with atrial fibrillation and heart failure in routine practice. *Heart Rhythm*, **2020**, 17, 1057-1065	6.7	26
79	Association of Cumulative Multimorbidity, Glycemic Control, and Medication Use With Hypoglycemia-Related Emergency Department Visits and Hospitalizations Among Adults With Diabetes. *JAMA Network Open*, **2020**, 3, e1919099	10.4	26
78	Aggregating multiple real-world data sources using a patient-centered health-data-sharing platform. *Npj Digital Medicine*, **2020**, 3, 60	15.7	22
77	Commentary on Bertagnolli et al.: Leveraging electronic health record data for clinical trials-a brave new world. *Clinical Trials*, **2020**, 17, 243-246	2.2	2

76	Translating innovation in biomedical research: Design and delivery of a competency-based regulatory science course. *Journal of Clinical and Translational Science*, **2020**, 4, 8-15	0.4	0
75	Paradox of glycemic management: multimorbidity, glycemic control, and high-risk medication use among adults with diabetes. *BMJ Open Diabetes Research and Care*, **2020**, 8,	4.5	10
74	Integrating Electronic Health Record Data into the ADEpedia-on-OHDSI Platform for Improved Signal Detection: A Case Study of Immune-related Adverse Events. *AMIA Summits on Translational Science Proceedings*, **2020**, 2020, 710-719	1.1	2
73	Detecting and Filtering Immune-Related Adverse Events Signal Based on Text Mining and Observational Health Data Sciences and Informatics Common Data Model: Framework Development Study. *JMIR Medical Informatics*, **2020**, 8, e17353	3.6	4
72	Trends and Disparities in Asthma Biologic Use in the United States. *Journal of Allergy and Clinical Immunology: in Practice*, **2020**, 8, 549-554.e1	5.4	21
71	ECG AI-Guided Screening for Low Ejection Fraction (EAGLE): Rationale and design of a pragmatic cluster randomized trial. *American Heart Journal*, **2020**, 219, 31-36	4.9	26
70	Use of Potentially Nephrotoxic Medications by U.S. Adults with Chronic Kidney Disease: NHANES, 2011-2016. *Journal of General Internal Medicine*, **2020**, 35, 1092-1101	4	3
69	Clinical trial design data for electrocardiogram artificial intelligence-guided screening for low ejection fraction (EAGLE). *Data in Brief*, **2020**, 28, 104894	1.2	6
68	Response to Propoxyphene Market Withdrawal: Analgesic Substitutes, Doses, and Adverse Events. *Medical Care*, **2020**, 58, 4-12	3.1	1
67	Correlations Between COVID-19 Cases and Google Trends Data in the United States: A State-by-State Analysis. *Mayo Clinic Proceedings*, **2020**, 95, 2370-2381	6.4	24
66	Comparative Effectiveness of Generic vs Brand-Name Levothyroxine in Achieving Normal Thyrotropin Levels. *JAMA Network Open*, **2020**, 3, e2017645	10.4	9
65	Development and evaluation of a patient-centered quality indicator for the appropriateness of type 2 diabetes management. *BMJ Open Diabetes Research and Care*, **2020**, 8,	4.5	3
64	Values informing the development of an indicator of appropriate diabetes therapy: qualitative study. *BMJ Open*, **2020**, 10, e044395	3	1
63	Complications from percutaneous-left ventricular assist devices versus intra-aortic balloon pump in acute myocardial infarction-cardiogenic shock. *PLoS ONE*, **2020**, 15, e0238046	3.7	8
62	Clinical Effectiveness of Antifibrotic Medications for Idiopathic Pulmonary Fibrosis. *American Journal of Respiratory and Critical Care Medicine*, **2019**, 200, 168-174	10.2	50
61	Digoxin Use and Associated Adverse Events Among Older Adults. *American Journal of Medicine*, **2019**, 132, 1191-1198	2.4	12
60	Generic and Brand-Name Thyroid Hormone Drug Use Among Commercially Insured and Medicare Beneficiaries, 2007 Through 2016. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 2305-2314	5.6	12
59	Prospective validation of a deep learning electrocardiogram algorithm for the detection of left ventricular systolic dysfunction. *Journal of Cardiovascular Electrophysiology*, **2019**, 30, 668-674	2.7	53

58	The PsyTAR dataset: From patients generated narratives to a corpus of adverse drug events and effectiveness of psychiatric medications. *Data in Brief*, **2019**, 24, 103838	1.2	10
57	ADEpedia-on-OHDSI: A next generation pharmacovigilance signal detection platform using the OHDSI common data model. *Journal of Biomedical Informatics*, **2019**, 91, 103119	10.2	9
56	Adoption of New Glucose-Lowering Medications in the U.S.-The Case of SGLT2 Inhibitors: Nationwide Cohort Study. *Diabetes Technology and Therapeutics*, **2019**, 21, 702-712	8.1	47
55	Supplement Use by US Adults With CKD: A Population-Based Study. *American Journal of Kidney Diseases*, **2019**, 74, 862-865	7.4	2
54	Augmenting Medical Device Evaluation Using a Reusable Unique Device Identifier Interoperability Solution Based on the OHDSI Common Data Model. *Studies in Health Technology and Informatics*, **2019**, 264, 1502-1503	0.5	3
53	Coverage Evaluation of CTCAE for Capturing the Immune-related Adverse Events Leveraging Text Mining Technologies. *AMIA Summits on Translational Science Proceedings*, **2019**, 2019, 771-778	1.1	8
52	Evaluating global and local sequence alignment methods for comparing patient medical records. *BMC Medical Informatics and Decision Making*, **2019**, 19, 263	3.6	6
51	Mixed effect machine learning: A framework for predicting longitudinal change in hemoglobin A1c. *Journal of Biomedical Informatics*, **2019**, 89, 56-67	10.2	27
50	Generalizability of the FOURIER trial to routine clinical care: Do trial participants represent patients in everyday practice?. *American Heart Journal*, **2019**, 209, 54-62	4.9	5
49	Risk of Systemic Adverse Events Associated with Intravitreal Anti-VEGF Therapy for Diabetic Macular Edema in Routine Clinical Practice. *Ophthalmology*, **2019**, 126, 1007-1015	7.3	16
48	Risk of cardiovascular events and incident atrial fibrillation in patients without prior atrial fibrillation: Implications for expanding the indications for anticoagulation. *American Heart Journal*, **2018**, 199, 137-143	4.9	3
47	Adoption of Sacubitril/Valsartan for the Management of Patients With Heart Failure. *Circulation: Heart Failure*, **2018**, 11, e004302	7.6	49
46	Recurrent hospitalizations for severe hypoglycemia and hyperglycemia among U.S. adults with diabetes. *Journal of Diabetes and Its Complications*, **2018**, 32, 693-701	3.2	15
45	Effectiveness of a Decision Aid in Potentially Vulnerable Patients: A Secondary Analysis of the Chest Pain Choice Multicenter Randomized Trial. *Medical Decision Making*, **2018**, 38, 69-78	2.5	6
44	Opioid Prescribing for Opioid-Naive Patients in Emergency Departments and Other Settings: Characteristics of Prescriptions and Association With Long-Term Use. *Annals of Emergency Medicine*, **2018**, 71, 326-336.e19	2.1	72
43	Trends in opioid use in commercially insured and Medicare Advantage populations in 2007-16: retrospective cohort study. *BMJ, The*, **2018**, 362, k2833	5.9	53
42	Access to primary care and computed tomography use in the emergency department. *BMC Health Services Research*, **2018**, 18, 154	2.9	17
41	Impact of a Shared Decision Making Intervention on Health Care Utilization: A Secondary Analysis of the Chest Pain Choice Multicenter Randomized Trial. *Academic Emergency Medicine*, **2018**, 25, 293-300	3.4	7

40	Long-term Immunosuppression Adherence After Kidney Transplant and Relationship to Allograft Histology. *Transplantation Direct*, **2018**, 4, e392	2.3	2
39	Temporal sequence alignment in electronic health records for computable patient representation **2018**,		3
38	Optimizing huddle engagement through leadership and problem-solving within primary care: A study protocol for a cluster randomized trial. *Trials*, **2018**, 19, 536	2.8	5
37	Big Data and Predictive Analytics: Recalibrating Expectations. *JAMA - Journal of the American Medical Association*, **2018**, 320, 27-28	27.4	128
36	Association of Surgical Left Atrial Appendage Occlusion With Subsequent Stroke and Mortality Among Patients Undergoing Cardiac Surgery. *JAMA - Journal of the American Medical Association*, **2018**, 319, 2116-2126	27.4	69
35	Non-Vitamin K Antagonist Oral Anticoagulant Dosing in Patients With Atrial Fibrillation and Renal Dysfunction. *Journal of the American College of Cardiology*, **2017**, 69, 2779-2790	15.1	289
34	Trends of Anti-Vascular Endothelial Growth Factor Use in Ophthalmology Among Privately Insured and Medicare Advantage Patients. *Ophthalmology*, **2017**, 124, 352-358	7.3	52
33	Care of the dialysis patient: Primary provider involvement and resource utilization patterns - a cohort study. *BMC Nephrology*, **2017**, 18, 322	2.7	4
32	Shared decision making for stroke prevention in atrial fibrillation: study protocol for a randomized controlled trial. *Trials*, **2017**, 18, 443	2.8	15
31	Long-term stroke and bleeding risk in patients with atrial fibrillation treated with oral anticoagulants in contemporary practice: Providing evidence for shared decision-making. *International Journal of Cardiology*, **2017**, 245, 174-177	3.2	7
30	Comparison of the CHADS-VASc, CHADS, HAS-BLED, ORBIT, and ATRIA Risk Scores in Predicting Non-Vitamin K Antagonist Oral Anticoagulants-Associated Bleeding in Patients With Atrial Fibrillation. *American Journal of Cardiology*, **2017**, 120, 1549-1556	3	36
29	Renal Outcomes in Anticoagulated Patients With Atrial Fibrillation. *Journal of the American College of Cardiology*, **2017**, 70, 2621-2632	15.1	118
28	Hospital Readmissions among Commercially Insured and Medicare Advantage Beneficiaries with Diabetes and the Impact of Severe Hypoglycemic and Hyperglycemic Events. *Journal of General Internal Medicine*, **2017**, 32, 1097-1105	4	25
27	Postapproval studies of drugs initially approved by the FDA on the basis of limited evidence: systematic review. *BMJ, The*, **2017**, 357, j1680	5.9	77
26	Inclusion of Hypoglycemia in Clinical Practice Guidelines and Performance Measures in the Care of Patients With Diabetes. *JAMA Internal Medicine*, **2016**, 176, 1714-1716	11.5	22
25	Shared decision making in patients with low risk chest pain: prospective randomized pragmatic trial. *BMJ, The*, **2016**, 355, i6165	5.9	75
24	Intensive Treatment and Severe Hypoglycemia Among Adults With Type 2 Diabetes. *JAMA Internal Medicine*, **2016**, 176, 969-78	11.5	82
23	Effectiveness and Safety of Dabigatran, Rivaroxaban, and Apixaban Versus Warfarin in Nonvalvular Atrial Fibrillation. *Journal of the American Heart Association*, **2016**, 5,	6	261

22	The Method for Performance Measurement Matters: Diabetes Care Quality as Measured by Administrative Claims and Institutional Registry. *Health Services Research*, **2016**, 51, 2206-2220	3.4	7
21	The Rising Price of Naloxone - Risks to Efforts to Stem Overdose Deaths. *New England Journal of Medicine*, **2016**, 375, 2213-2215	59.2	78
20	Incidence and Early Outcomes of Heart Failure in Commercially Insured and Medicare Advantage Patients, 2006 to 2014. *Circulation: Cardiovascular Quality and Outcomes*, **2016**, 9, 332-7	5.8	12
19	Impact of provider mailings on medication adherence by Medicare Part D members. *Healthcare*, **2016**, 4, 207-16	1.8	4
18	Adapting the Patient-centered Specialty Practice Model for Populations With Cirrhosis. *Clinical Gastroenterology and Hepatology*, **2016**, 14, 492-6	6.9	6
17	Potential overtreatment of diabetes mellitus in older adults with tight glycemic control. *JAMA Internal Medicine*, **2015**, 175, 356-62	11.5	239
16	Shared Decision Making for Antidepressants in Primary Care: A Cluster Randomized Trial. *JAMA Internal Medicine*, **2015**, 175, 1761-70	11.5	78
15	Use of Post-acute Care Services and Readmissions After Left Ventricular Assist Device Implantation in Privately Insured Patients. *Journal of Cardiac Failure*, **2015**, 21, 816-23	3.3	21
14	Predicting the Overuse of PCSK-9 Inhibitors. *JAMA - Journal of the American Medical Association*, **2015**, 314, 1909-10	27.4	5
13	All else being equal, men and women are still not the same: using risk models to understand gender disparities in care. *Circulation: Cardiovascular Quality and Outcomes*, **2015**, 8, 317-20	5.8	8
12	Encounter Decision Aid vs. Clinical Decision Support or Usual Care to Support Patient-Centered Treatment Decisions in Osteoporosis: The Osteoporosis Choice Randomized Trial II. *PLoS ONE*, **2015**, 10, e0128063	3.7	42
11	Shared decision making and use of decision AIDS for localized prostate cancer : perceptions from radiation oncologists and urologists. *JAMA Internal Medicine*, **2015**, 175, 792-9	11.5	34
10	HbA1c overtesting and overtreatment among US adults with controlled type 2 diabetes, 2001-13: observational population based study. *BMJ, The*, **2015**, 351, h6138	5.9	39
9	Changing trends in type 2 diabetes mellitus treatment intensification, 2002-2010. *American Journal of Managed Care*, **2015**, 21, e288-96	2.1	12
8	Smoking status and health care costs in the perioperative period: a population-based study. *JAMA Surgery*, **2014**, 149, 259-66	5.4	19
7	Response to comments on Zhang et al. Second-line agents for glycemic control for type 2 diabetes: are newer agents better? Diabetes Care 2014;37:1338-1345. *Diabetes Care*, **2014**, 37, e206-7	14.6	
6	Implementation of shared decision making in cardiovascular care: past, present, and future. *Circulation: Cardiovascular Quality and Outcomes*, **2014**, 7, 797-803	5.8	33
5	Impact of sociodemographic patient characteristics on the efficacy of decision AIDS: a patient-level meta-analysis of 7 randomized trials. *Circulation: Cardiovascular Quality and Outcomes*, **2014**, 7, 360-7	5.8	31

4	Optum Labs: building a novel node in the learning health care system. *Health Affairs*, **2014**, 33, 1187-94	7	247
3	Explaining Obesity- and Smoking-related Healthcare Costs through Unconditional Quantile Regression. *Journal of Health Economics and Outcomes Research*, **2013**, 1, 23-41	1.6	1
2	Quality Adjustment for Health Care Spending on Chronic Disease: Evidence from Diabetes Treatment, 1999-2009. *American Economic Review*, **2011**, 101, 206-11	9.7	11
1	Aggregating Multiple Real-World Data Sources using a Patient-Centered Health Data Sharing Platform: an 8-week Cohort Study among Patients Undergoing Bariatric Surgery or Catheter Ablation of Atrial Fibrillation		2