

Nilay D Shah

List of Publications by Year in descending order

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Version: 2024-02-01

114
papers

4,786
citations

109137

35
h-index

106150

65
g-index

120
all docs

120
docs citations

120
times ranked

7355
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-Vitamin K Antagonist Oral Anticoagulant Dosing in Patients With Atrial Fibrillation and Renal Dysfunction. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2779-2790.	1.2	398
2	Optum Labs: Building A Novel Node In The Learning Health Care System. <i>Health Affairs</i> , 2014, 33, 1187-1194.	2.5	338
3	Effectiveness and Safety of Dabigatran, Rivaroxaban, and Apixaban Versus Warfarin in Nonvalvular Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	334
4	Potential Overtreatment of Diabetes Mellitus in Older Adults With Tight Glycemic Control. <i>JAMA Internal Medicine</i> , 2015, 175, 356.	2.6	317
5	Renal Outcomes in Anticoagulated Patients With Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2017, 70, 2621-2632.	1.2	198
6	Big Data and Predictive Analytics. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 27.	3.8	185
7	Association of Neighborhood Measures of Social Determinants of Health With Breast, Cervical, and Colorectal Cancer Screening Rates in the US Midwest. <i>JAMA Network Open</i> , 2020, 3, e200618.	2.8	140
8	Intensive Treatment and Severe Hypoglycemia Among Adults With Type 2 Diabetes. <i>JAMA Internal Medicine</i> , 2016, 176, 969.	2.6	115
9	Association of Surgical Left Atrial Appendage Occlusion With Subsequent Stroke and Mortality Among Patients Undergoing Cardiac Surgery. <i>JAMA - Journal of the American Medical Association</i> , 2018, 319, 2116.	3.8	114
10	Shared Decision Making for Antidepressants in Primary Care. <i>JAMA Internal Medicine</i> , 2015, 175, 1761.	2.6	107
11	Shared decision making in patients with low risk chest pain: prospective randomized pragmatic trial. <i>BMJ, The</i> , 2016, 355, i6165.	3.0	106
12	Clinical Effectiveness of Antifibrotic Medications for Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 168-174.	2.5	102
13	Prospective validation of a deep learning electrocardiogram algorithm for the detection of left ventricular systolic dysfunction. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 668-674.	0.8	98
14	The Rising Price of Naloxone – Risks to Efforts to Stem Overdose Deaths. <i>New England Journal of Medicine</i> , 2016, 375, 2213-2215.	13.9	97
15	Postapproval studies of drugs initially approved by the FDA on the basis of limited evidence: systematic review. <i>BMJ: British Medical Journal</i> , 2017, 357, j1680.	2.4	93
16	Opioid Prescribing for Opioid-Naive Patients in Emergency Departments and Other Settings: Characteristics of Prescriptions and Association With Long-Term Use. <i>Annals of Emergency Medicine</i> , 2018, 71, 326-336.e19.	0.3	88
17	Trends of Anti-Vascular Endothelial Growth Factor Use in Ophthalmology Among Privately Insured and Medicare Advantage Patients. <i>Ophthalmology</i> , 2017, 124, 352-358.	2.5	83
18	Adoption of New Glucose-Lowering Medications in the U.S.—The Case of SGLT2 Inhibitors: Nationwide Cohort Study. <i>Diabetes Technology and Therapeutics</i> , 2019, 21, 702-712.	2.4	82

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19	Trends in opioid use in commercially insured and Medicare Advantage populations in 2007-16: retrospective cohort study. <i>BMJ: British Medical Journal</i> , 2018, 362, k2833.	2.4	71
20	Adoption of Sacubitril/Valsartan for the Management of Patients With Heart Failure. <i>Circulation: Heart Failure</i> , 2018, 11, e004302.	1.6	68
21	Association of Cumulative Multimorbidity, Glycemic Control, and Medication Use With Hypoglycemia-Related Emergency Department Visits and Hospitalizations Among Adults With Diabetes. <i>JAMA Network Open</i> , 2020, 3, e1919099.	2.8	65
22	Comparison of the CHA ₂ DS ₂ -VASc, CHADS ₂ , HAS-BLED, ORBIT, and ATRIA Risk Scores in Predicting Non-Vitamin K Antagonist Oral Anticoagulants-Associated Bleeding in Patients With Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2017, 120, 1549-1556.	0.7	64
23	Encounter Decision Aid vs. Clinical Decision Support or Usual Care to Support Patient-Centered Treatment Decisions in Osteoporosis: The Osteoporosis Choice Randomized Trial II. <i>PLoS ONE</i> , 2015, 10, e0128063.	1.1	58
24	Mixed effect machine learning: A framework for predicting longitudinal change in hemoglobin A1c. <i>Journal of Biomedical Informatics</i> , 2019, 89, 56-67.	2.5	55
25	Generalizability of the CASTLE-AF trial: Catheter ablation for patients with atrial fibrillation and heart failure in routine practice. <i>Heart Rhythm</i> , 2020, 17, 1057-1065.	0.3	54
26	Correlations Between COVID-19 Cases and Google Trends Data in the United States: A State-by-State Analysis. <i>Mayo Clinic Proceedings</i> , 2020, 95, 2370-2381.	1.4	52
27	Aggregating multiple real-world data sources using a patient-centered health-data-sharing platform. <i>Npj Digital Medicine</i> , 2020, 3, 60.	5.7	51
28	ECG AI-Guided Screening for Low Ejection Fraction (EAGLE): Rationale and design of a pragmatic cluster randomized trial. <i>American Heart Journal</i> , 2020, 219, 31-36.	1.2	50
29	Trends and Disparities in Asthma Biologic Use in the United States. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 549-554.e1.	2.0	49
30	Implementation of Shared Decision Making in Cardiovascular Care. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2014, 7, 797-803.	0.9	47
31	Comparison of Diabetes Medications Used by Adults With Commercial Insurance vs Medicare Advantage, 2016 to 2019. <i>JAMA Network Open</i> , 2021, 4, e2035792.	2.8	46
32	HbA _{1c} overtesting and overtreatment among US adults with controlled type 2 diabetes, 2001-13: observational population based study. <i>BMJ, The</i> , 2015, 351, h6138.	3.0	45
33	Shared Decision Making and Use of Decision Aids for Localized Prostate Cancer. <i>JAMA Internal Medicine</i> , 2015, 175, 792.	2.6	43
34	Levothyroxine Use in the United States, 2008-2018. <i>JAMA Internal Medicine</i> , 2021, 181, 1402.	2.6	42
35	Impact of Sociodemographic Patient Characteristics on the Efficacy of Decision Aids. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2014, 7, 360-367.	0.9	39
36	Hospital Readmissions among Commercially Insured and Medicare Advantage Beneficiaries with Diabetes and the Impact of Severe Hypoglycemic and Hyperglycemic Events. <i>Journal of General Internal Medicine</i> , 2017, 32, 1097-1105.	1.3	38

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37	Adoption of the Antifibrotic Medications Pirfenidone and Nintedanib for Patients with Idiopathic Pulmonary Fibrosis. <i>Annals of the American Thoracic Society</i> , 2021, 18, 1121-1128.	1.5	37
38	Risk of Systemic Adverse Events Associated with Intravitreal Anti-VEGF Therapy for Diabetic Macular Edema in Routine Clinical Practice. <i>Ophthalmology</i> , 2019, 126, 1007-1015.	2.5	35
39	Risk of Systemic Adverse Events after Intravitreal Bevacizumab, Ranibizumab, and Aflibercept in Routine Clinical Practice. <i>Ophthalmology</i> , 2021, 128, 417-424.	2.5	35
40	Access to primary care and computed tomography use in the emergency department. <i>BMC Health Services Research</i> , 2018, 18, 154.	0.9	31
41	Paradox of glycemic management: multimorbidity, glycemic control, and high-risk medication use among adults with diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001007.	1.2	29
42	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. <i>BMJ Open</i> , 2020, 10, e035376.	0.8	28
43	Inclusion of Hypoglycemia in Clinical Practice Guidelines and Performance Measures in the Care of Patients With Diabetes. <i>JAMA Internal Medicine</i> , 2016, 176, 1714.	2.6	25
44	Recurrent hospitalizations for severe hypoglycemia and hyperglycemia among U.S. adults with diabetes. <i>Journal of Diabetes and Its Complications</i> , 2018, 32, 693-701.	1.2	25
45	The PsyTAR dataset: From patients generated narratives to a corpus of adverse drug events and effectiveness of psychiatric medications. <i>Data in Brief</i> , 2019, 24, 103838.	0.5	25
46	Shared decision making for stroke prevention in atrial fibrillation: study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 443.	0.7	24
47	Generic and Brand-Name Thyroid Hormone Drug Use Among Commercially Insured and Medicare Beneficiaries, 2007 Through 2016. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 2305-2314.	1.8	24
48	Use of Post-acute Care Services and Readmissions After Left Ventricular Assist Device Implantation in Privately Insured Patients. <i>Journal of Cardiac Failure</i> , 2015, 21, 816-823.	0.7	23
49	Digoxin Use and Associated Adverse Events Among Older Adults. <i>American Journal of Medicine</i> , 2019, 132, 1191-1198.	0.6	23
50	Smoking Status and Health Care Costs in the Perioperative Period. <i>JAMA Surgery</i> , 2014, 149, 259.	2.2	22
51	A Clinical Decision Aid to Support Personalized Treatment Selection for Patients with Clinical T1 Renal Masses: Results from a Multi-institutional Competing-risks Analysis. <i>European Urology</i> , 2022, 81, 576-585.	0.9	21
52	Comparative Effectiveness of Generic vs Brand-Name Levothyroxine in Achieving Normal Thyrotropin Levels. <i>JAMA Network Open</i> , 2020, 3, e2017645.	2.8	18
53	Complications from percutaneous-left ventricular assist devices versus intra-aortic balloon pump in acute myocardial infarction-cardiogenic shock. <i>PLoS ONE</i> , 2020, 15, e0238046.	1.1	17
54	Adherence to Asthma Biologics. <i>Chest</i> , 2021, 159, 924-932.	0.4	17

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55	Association Between Generic-to-Generic Levothyroxine Switching and Thyrotropin Levels Among US Adults. <i>JAMA Internal Medicine</i> , 2022, 182, 418.	2.6	17
56	Patient Portal Messaging for Asynchronous Virtual Care During the COVID-19 Pandemic: Retrospective Analysis. <i>JMIR Human Factors</i> , 2022, 9, e35187.	1.0	16
57	Incidence and Early Outcomes of Heart Failure in Commercially Insured and Medicare Advantage Patients, 2006 to 2014. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2016, 9, 332-337.	0.9	14
58	Effect of an Integrated Clinical Pharmacist on the Drivers of Provider Burnout in the Primary Care Setting. <i>Journal of the American Board of Family Medicine</i> , 2021, 34, 553-560.	0.8	14
59	Quality Adjustment for Health Care Spending on Chronic Disease: Evidence from Diabetes Treatment, 1999-2009. <i>American Economic Review</i> , 2011, 101, 206-211.	4.0	13
60	ADEpedia-on-OHDSI: A next generation pharmacovigilance signal detection platform using the OHDSI common data model. <i>Journal of Biomedical Informatics</i> , 2019, 91, 103119.	2.5	13
61	Asthma Patients Who Stop Asthma Biologics Have a Similar Risk of Asthma Exacerbations as Those Who Continue Asthma Biologics. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 2742-2750.e1.	2.0	13
62	Changing trends in type 2 diabetes mellitus treatment intensification, 2002-2010. <i>American Journal of Managed Care</i> , 2015, 21, e288-96.	0.8	12
63	Optimizing huddle engagement through leadership and problem-solving within primary care: A study protocol for a cluster randomized trial. <i>Trials</i> , 2018, 19, 536.	0.7	11
64	Characterizing Patient-Clinician Communication in Secure Medical Messages: Retrospective Study. <i>Journal of Medical Internet Research</i> , 2022, 24, e17273.	2.1	11
65	All Else Being Equal, Men and Women Are Still Not the Same. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2015, 8, 317-320.	0.9	10
66	Impact of a Shared Decision Making Intervention on Health Care Utilization: A Secondary Analysis of the Chest Pain Choice Multicenter Randomized Trial. <i>Academic Emergency Medicine</i> , 2018, 25, 293-300.	0.8	10
67	The Impact of Antifungal Prophylaxis in Lung Transplant Recipients. <i>Annals of the American Thoracic Society</i> , 2021, 18, 468-476.	1.5	10
68	Adapting the Patient-centered Specialty Practice Model for Populations With Cirrhosis. <i>Clinical Gastroenterology and Hepatology</i> , 2016, 14, 492-496.	2.4	9
69	Clinical trial design data for electrocardiogram artificial intelligence-guided screening for low ejection fraction (EAGLE). <i>Data in Brief</i> , 2020, 28, 104894.	0.5	9
70	Deployment of an Interdisciplinary Predictive Analytics Task Force to Inform Hospital Operational Decision-Making During the COVID-19 Pandemic. <i>Mayo Clinic Proceedings</i> , 2021, 96, 690-698.	1.4	9
71	Quantifying the Importance of COVID-19 Vaccination to Our Future Outlook. <i>Mayo Clinic Proceedings</i> , 2021, 96, 1890-1895.	1.4	9
72	A multicenter evaluation of computable phenotyping approaches for SARS-CoV-2 infection and COVID-19 hospitalizations. <i>Npj Digital Medicine</i> , 2022, 5, 27.	5.7	9

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73	Predicting the Overuse of PCSK-9 Inhibitors. JAMA - Journal of the American Medical Association, 2015, 314, 1909.	3.8	8
74	The Method for Performance Measurement Matters: Diabetes Care Quality as Measured by Administrative Claims and Institutional Registry. Health Services Research, 2016, 51, 2206-2220.	1.0	8
75	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.	0.8	8
76	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.	1.2	8
77	Evaluating global and local sequence alignment methods for comparing patient medical records. BMC Medical Informatics and Decision Making, 2019, 19, 263.	1.5	8
78	Association of Do-Not-Resuscitate Patient Case Mix With Publicly Reported Risk-Standardized Hospital Mortality and Readmission Rates. JAMA Network Open, 2020, 3, e2010383.	2.8	8
79	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.	0.4	8
80	Making sense of diabetes medication decisions: a mixed methods cluster randomized trial using a conversation aid intervention. Endocrine, 2022, 75, 377-391.	1.1	7
81	Generalizability of the FOURIER trial to routine clinical care: Do trial participants represent patients in everyday practice?. American Heart Journal, 2019, 209, 54-62.	1.2	6
82	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.	1.3	6
83	Response to Propoxyphene Market Withdrawal. Medical Care, 2020, 58, 4-12.	1.1	6
84	Outcomes for hospitalized patients with idiopathic pulmonary fibrosis treated with antifibrotic medications. BMC Pulmonary Medicine, 2021, 21, 239.	0.8	6
85	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.	1.3	6
86	Impact of provider mailings on medication adherence by Medicare Part D members. Healthcare, 2016, 4, 207-216.	0.6	5
87	Care of the dialysis patient: Primary provider involvement and resource utilization patterns - a cohort study. BMC Nephrology, 2017, 18, 322.	0.8	5
88	Utilization of Mobility Data in the Fight Against COVID-19. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2020, 4, 733-735.	1.2	5
89	Capacity Coaching: A Focused Ethnographic Evaluation in Clinical Practice. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2020, 4, 190-202.	1.2	5
90	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.	0.2	5

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91	Risk of cardiovascular events and incident atrial fibrillation in patients without prior atrial fibrillation: Implications for expanding the indications for anticoagulation. <i>American Heart Journal</i> , 2018, 199, 137-143.	1.2	4
92	Supplement Use by US Adults With CKD: A Population-Based Study. <i>American Journal of Kidney Diseases</i> , 2019, 74, 862-865.	2.1	4
93	Development and evaluation of a patient-centered quality indicator for the appropriateness of type 2 diabetes management. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001878.	1.2	4
94	Patient and provider-level factors associated with changes in utilization of treatments in response to evidence on ineffectiveness or harm. <i>International Journal of Health Economics and Management</i> , 2020, 20, 299-317.	0.6	4
95	Translating innovation in biomedical research: Design and delivery of a competency-based regulatory science course. <i>Journal of Clinical and Translational Science</i> , 2020, 4, 8-15.	0.3	4
96	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. <i>BMJ Surgery, Interventions, and Health Technologies</i> , 2021, 3, e000089.	0.6	4
97	Long-term Immunosuppression Adherence After Kidney Transplant and Relationship to Allograft Histology. <i>Transplantation Direct</i> , 2018, 4, e392.	0.8	3
98	Temporal sequence alignment in electronic health records for computable patient representation. , 2018, , .		3
99	Values informing the development of an indicator of appropriate diabetes therapy: qualitative study. <i>BMJ Open</i> , 2020, 10, e044395.	0.8	3
100	U.S. Prescribing of On-and-Off-Label Medications for Alcohol Use Disorder in Outpatient Visits: NAMCS 2014 to 2016. <i>Journal of General Internal Medicine</i> , 2022, 37, 495-498.	1.3	3
101	The Association of Readmission Reduction Activities with Primary Care Practice Readmission Rates. <i>Journal of General Internal Medicine</i> , 2021, , 1.	1.3	3
102	Commentary on Bertagnolli et al.: Leveraging electronic health record data for clinical trialsâ€”a brave new world. <i>Clinical Trials</i> , 2020, 17, 243-246.	0.7	2
103	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. <i>Endocrine</i> , 2021, 71, 47-58.	1.1	2
104	Optimizing Huddle Engagement Through Leadership and Problem Solving Within Primary Care: Results from a Cluster-Randomized Trial. <i>Journal of General Internal Medicine</i> , 2021, 36, 2292-2299.	1.3	2
105	Proprotein convertase subtilisin/kexin type 9 inhibitor utilization and low-density lipoprotein-cholesterol control in familial hypercholesterolemia. <i>Journal of Clinical Lipidology</i> , 2021, 15, 339-346.	0.6	2
106	Cardiovascular outcomes and rates of fractures and falls among patients with brand-name versus generic L-thyroxine use. <i>Endocrine</i> , 2021, 74, 592-602.	1.1	2
107	Integrating Electronic Health Record Data into the ADEpedia-on-OHDSI Platform for Improved Signal Detection: A Case Study of Immune-related Adverse Events. <i>AMIA Summits on Translational Science Proceedings</i> , 2020, 2020, 710-719.	0.4	2
108	Rates of, and factors associated with, switching among generic levothyroxine preparations in commercially insured American adults. <i>Endocrine</i> , 2022, 76, 349-358.	1.1	2

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109	Midwest rural-urban disparities in use of patient online services for COVID-19. <i>Journal of Rural Health</i> , 2022, , .	1.6	2
110	Persistence of asthma biologic use in a US claims database. <i>Annals of Allergy, Asthma and Immunology</i> , 2021, 127, 648-654.	0.5	1
111	Explaining Obesity- and Smoking-related Healthcare Costs through Unconditional Quantile Regression. <i>Journal of Health Economics and Outcomes Research</i> , 2013, 1, 23-41.	0.6	1
112	Heart Watch Study: protocol for a pragmatic randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e054550.	0.8	1
113	Response to Comments on Zhang et al. Second-Line Agents for Glycemic Control for Type 2 Diabetes: Are Newer Agents Better? <i>Diabetes Care</i> 2014;37:1338-1345. <i>Diabetes Care</i> , 2014, 37, e206-e207.	4.3	0
114	Abstract 236: Trends in Hospitalization for Digoxin Toxicity and Subsequent Outcomes Among Medicare Beneficiaries in the United States, 1999-2011. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2015, 8, .	0.9	0