

Alexander Turchin

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

2,681
citations

279798

23
h-index

182427

51
g-index

65
all docs

65
docs citations

65
times ranked

4042
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.0	4
2	Using deep learning with attention mechanism for identification of novel temporal data patterns for prediction of ICU mortality. <i>Informatics in Medicine Unlocked</i> , 2022, 29, 100875.	3.4	1
3	Trends in Utilization of Aortic Valve Replacement for Severe Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2022, 79, 864-877.	2.8	21
4	Reasons for discontinuing insulin and factors associated with insulin discontinuation in patients with type 2 diabetes mellitus: a real-world evidence study. <i>Clinical Diabetes and Endocrinology</i> , 2021, 7, 1.	2.7	9
5	Using Natural Language Processing to Measure and Improve Quality of Diabetes Care: A Systematic Review. <i>Journal of Diabetes Science and Technology</i> , 2021, 15, 553-560.	2.2	15
6	Cancer Risk of Patients With Overweight and Obesity: A Predictive Model. <i>Journal of the Endocrine Society</i> , 2021, 5, A6-A6.	0.2	0
7	Patientâ€provider discussions of bariatric surgery and subsequent weight changes and receipt of bariatric surgery. <i>Obesity</i> , 2021, 29, 1338-1346.	3.0	3
8	Natural language processing for the assessment of cardiovascular disease comorbidities: The <scp>cardioâ€Canary</scp> comorbidity project. <i>Clinical Cardiology</i> , 2021, 44, 1296-1304.	1.8	12
9	Asymptomatic Diabetic Cardiomyopathy: an Underrecognized Entity in Type 2 Diabetes. <i>Current Diabetes Reports</i> , 2021, 21, 41.	4.2	15
10	Improving the prediction of longâ€term readmission and mortality using a novel biomarker panel. <i>Journal of Cardiac Surgery</i> , 2021, 36, 4213-4223.	0.7	6
11	Association of patient, provider and facility related characteristics with statin associated side effects and statin use: Insight from the Veteran's Affairs healthcare system. <i>Journal of Clinical Lipidology</i> , 2021, 15, 832-839.	1.5	4
12	Study of lipoprotein(a) and its impact on atherosclerotic cardiovascular disease: Design and rationale of the Mass General Brigham Lp(a) Registry. <i>Clinical Cardiology</i> , 2020, 43, 1209-1215.	1.8	7
13	Predictors and consequences of declining insulin therapy by individuals with type 2 diabetes. <i>Diabetic Medicine</i> , 2020, 37, 814-821.	2.3	11
14	Association of Outpatient Practice-Level Socioeconomic Disadvantage With Quality of Care and Outcomes Among Older Adults With Coronary Artery Disease. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020, 13, e005977.	2.2	28
15	Lifestyle Counseling and Long-term Clinical Outcomes in Patients With Diabetes. <i>Diabetes Care</i> , 2019, 42, 1833-1836.	8.6	6
16	Comparing information extraction techniques for low-prevalence concepts: The case of insulin rejection by patients. <i>Journal of Biomedical Informatics</i> , 2019, 99, 103306.	4.3	8
17	Predictors of glycemic control after decline of insulin therapy by patients with type 2 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2019, 33, 107418.	2.3	5
18	Primary Care Provider Encounter Cadence and HbA1c Control in Older Patients With Diabetes. <i>American Journal of Preventive Medicine</i> , 2019, 57, e95-e101.	3.0	8

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19	Differences in Management of Coronary Artery Disease in Patients With Medicare Advantage vs Traditional Fee-for-Service Medicare Among Cardiology Practices. <i>JAMA Cardiology</i> , 2019, 4, 265.	6.1	24
20	Heart rate, beta-blocker use, and outcomes of heart failure with reduced ejection fraction. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2019, 5, 3-11.	3.0	20
21	Comparison of Natural Language Processing Techniques in Analysis of Sparse Clinical Data: Insulin Decline by Patients. <i>AMIA Summits on Translational Science Proceedings</i> , 2019, 2019, 610-619.	0.4	1
22	Predictors of a successful statin reattempt after an adverse reaction. <i>Journal of Clinical Lipidology</i> , 2018, 12, 643-651.	1.5	7
23	Effect of Preoperative Diabetes Management on Glycemic Control and Clinical Outcomes After Elective Surgery. <i>Annals of Surgery</i> , 2018, 267, 858-862.	4.2	71
24	Enhancing problem list documentation in electronic health records using two methods: the example of prior splenectomy. <i>BMJ Quality and Safety</i> , 2018, 27, 40-47.	3.7	15
25	Ambulatory Medication Reconciliation and Frequency of Hospitalizations and Emergency Department Visits in Patients With Diabetes. <i>Diabetes Care</i> , 2018, 41, 1639-1645.	8.6	4
26	An Interpretable ICU Mortality Prediction Model Based on Logistic Regression and Recurrent Neural Networks with LSTM units. <i>AMIA ... Annual Symposium proceedings</i> , 2018, 2018, 460-469.	0.2	19
27	Fetal Outcomes After Diabetic Ketoacidosis During Pregnancy. <i>Diabetes Care</i> , 2017, 40, e77-e79.	8.6	30
28	Factors associated with rhythm control treatment decisions in patients with atrial fibrillation—Insights from the NCDR PINNACLE registry. <i>American Heart Journal</i> , 2017, 187, 88-97.	2.7	10
29	Decline of insulin therapy and delays in insulin initiation in people with uncontrolled diabetes mellitus. <i>Diabetic Medicine</i> , 2017, 34, 1599-1602.	2.3	36
30	Continued Statin Prescriptions After Adverse Reactions and Patient Outcomes. <i>Annals of Internal Medicine</i> , 2017, 167, 221.	3.9	80
31	Biases introduced by filtering electronic health records for patients with “complete data”. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 1134-1141.	4.4	62
32	Canary: An NLP Platform for Clinicians and Researchers. <i>Applied Clinical Informatics</i> , 2017, 08, 447-453.	1.7	26
33	Extracting Healthcare Quality Information from Unstructured Data. <i>AMIA ... Annual Symposium proceedings</i> , 2017, 2017, 1243-1252.	0.2	5
34	Risk factors for lack of statin therapy in patients with diabetes and coronary artery disease. <i>Journal of Clinical Lipidology</i> , 2016, 10, 1406-1413.	1.5	7
35	“Nonfunctional” Adrenal Tumors and the Risk for Incident Diabetes and Cardiovascular Outcomes. <i>Annals of Internal Medicine</i> , 2016, 165, 533.	3.9	98
36	Drivers of the Sex Disparity in Statin Therapy in Patients with Coronary Artery Disease: A Cohort Study. <i>PLoS ONE</i> , 2016, 11, e0155228.	2.5	37

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37	A numerical similarity approach for using retired Current Procedural Terminology (CPT) codes for electronic phenotyping in the Scalable Collaborative Infrastructure for a Learning Health System (SCILHS). BMC Medical Informatics and Decision Making, 2015, 15, 104.	3.0	1
38	Body mass index and all-cause mortality in patients with hypertension. Obesity, 2015, 23, 1712-1720.	3.0	22
39	Optimal systolic blood pressure target, time to intensification, and time to follow-up in treatment of hypertension: population based retrospective cohort study. BMJ, The, 2015, 350, h158-h158.	6.0	117
40	Electronic Documentation of Lifestyle Counseling and Glycemic Control in Patients With Diabetes. Diabetes Care, 2015, 38, 1326-1332.	8.6	7
41	Early Identification of Individuals with Poorly Controlled Diabetes Undergoing Elective Surgery: Improving A1c Testing in the Preoperative Period. Endocrine Practice, 2015, 21, 231-236.	2.1	22
42	Effect of EHR User Interface Changes on Internal Prescription Discrepancies. Applied Clinical Informatics, 2014, 05, 708-720.	1.7	9
43	An Online Spaced-Education Game Among Clinicians Improves Their Patients' Time to Blood Pressure Control. Circulation: Cardiovascular Quality and Outcomes, 2014, 7, 468-474.	2.2	41
44	Reasons for Discontinuation of Lipid-Lowering Medications in Patients with Chronic Kidney Disease. CardioRenal Medicine, 2014, 4, 225-233.	1.9	11
45	(Mis)interpreting studies on the adverse effects of statins. BMJ, The, 2014, 348, g3652-g3652.	6.0	2
46	Effect of baseline characteristics, including antihypertensive therapy, on survival and hypertension during treatment with vascular endothelial growth factor (VEGF) signaling pathway inhibitors (VSP-Is).. Journal of Clinical Oncology, 2014, 32, 9639-9639.	1.6	0
47	Discontinuation of Statins in Routine Care Settings. Annals of Internal Medicine, 2013, 158, 526.	3.9	480
48	Lifestyle Counseling in Routine Care and Long-Term Glucose, Blood Pressure, and Cholesterol Control in Patients With Diabetes. Diabetes Care, 2012, 35, 334-341.	8.6	48
49	Encounter Frequency and Serum Glucose Level, Blood Pressure, and Cholesterol Level Control in Patients With Diabetes Mellitus. Archives of Internal Medicine, 2011, 171, 1542.	3.8	94
50	Copy/Paste Documentation of Lifestyle Counseling and Glycemic Control in Patients With Diabetes: True to Form?. Archives of Internal Medicine, 2011, 171, 1393.	3.8	33
51	Structured vs. unstructured: factors affecting adverse drug reaction documentation in an EMR repository. AMIA ... Annual Symposium proceedings, 2011, 2011, 1270-9.	0.2	23
52	Encounter Frequency and Blood Pressure in Hypertensive Patients With Diabetes Mellitus. Hypertension, 2010, 56, 68-74.	2.7	53
53	Hypoglycemia and Clinical Outcomes in Patients With Diabetes Hospitalized in the General Ward. Diabetes Care, 2009, 32, 1153-1157.	8.6	374
54	Classifying and Predicting Errors of Inpatient Medication Reconciliation. Journal of General Internal Medicine, 2008, 23, 1414-1422.	2.6	324

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55	Evaluation of an Inpatient Computerized Medication Reconciliation System. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 449-452.	4.4	31
56	Effect of Board Certification on Antihypertensive Treatment Intensification in Patients With Diabetes Mellitus. Circulation, 2008, 117, 623-628.	1.6	66
57	Poor outcomes in diabetes care: is medication nonadherence or lack of treatment intensification to blame?. Nature Clinical Practice Endocrinology and Metabolism, 2008, 4, 536-537.	2.8	1
58	Is clinical inertia a common barrier to patient care in type 2 diabetes mellitus?. Nature Clinical Practice Endocrinology and Metabolism, 2007, 3, 452-453.	2.8	0
59	Computational analysis of non-adherence and non-attendance using the text of narrative physician notes in the electronic medical record. Informatics for Health and Social Care, 2007, 32, 93-102.	1.0	5
60	Relationship of Physician Volume With Process Measures and Outcomes in Diabetes. Diabetes Care, 2007, 30, 1442-1447.	8.6	23
61	Effect of Acute Aldosterone Administration on Gene Expression Profile in the Heart. Endocrinology, 2006, 147, 3183-3189.	2.8	34
62	Severe hypercholesterolemia mediated by lipoprotein X in patients with chronic graft-versus-host disease of the liver. Bone Marrow Transplantation, 2005, 35, 85-89.	2.4	42
63	DITTO - a tool for identification of patient cohorts from the text of physician notes in the electronic medical record. AMIA ... Annual Symposium proceedings, 2005, , 744-8.	0.2	13
64	Mind the Gap. New England Journal of Medicine, 2003, 349, 1465-1469.	27.0	79