Nathaniel R Smilowitz

List of Publications by Year
in descending order

105 papers	3,020 citations	236925 25 h-index	182427 51 g-index
105 all docs	105 docs citations	105 times ranked	4167 citing authors

#	Article	IF	Citations
1	Perioperative Major Adverse Cardiovascular and Cerebrovascular Events Associated With Noncardiac Surgery. JAMA Cardiology, 2017, 2, 181.	6.1	268
2	C-reactive protein and clinical outcomes in patients with COVID-19. European Heart Journal, 2021, 42, 2270-2279.	2.2	255
3	Mortality of Myocardial Infarction by Sex, Age, and Obstructive Coronary Artery Disease Status in the ACTION Registryâ€“GWTG (Acute Coronary Treatment and Intervention Outcomes Network Registryâ€“Get)	2.1	242
4	Coronary Optical Coherence Tomography and Cardiac Magnetic Resonance Imaging to Determine Underlying Causes of Myocardial Infarction With Nonobstructive Coronary Arteries in Women. Circulation, 2021, 143, 624-640.	1.6	180
5	Perioperative Cardiovascular Risk Assessment and Management for Noncardiac Surgery. JAMA - Journal of the American Medical Association, 2020, 324, 279.	7.4	131
6	Association Between Anemia, Bleeding, and Transfusion with Long-term Mortality Following Noncardiac Surgery. American Journal of Medicine, 2016, 129, 315-323.e2.	1.5	100
7	Perioperative acute myocardial infarction associated with non-cardiac surgery. European Heart Journal, 2017, 38, 2409-2417.	2.2	98
8	Myocardial Injury After Noncardiac Surgery: A Systematic Review and Meta-Analysis. Cardiology in Review, 2019, 27, 267-273.	1.4	94
9	Diagnosis and Management of Patients With Myocardial Injury After Noncardiac Surgery: A Scientific Statement From the American Heart Association. Circulation, 2021, 144, e287-e305.	1.6	92
10	Utilization of and Adherence to Guideline-Recommended Lipid-Lowering Therapy After Acute Coronary Syndrome. Journal of the American College of Cardiology, 2015, 66, 184-192.	2.8	91
11	Impact and trends of intravascular imaging in diagnostic coronary angiography and percutaneous coronary intervention in inpatients in the United States. Catheterization and Cardiovascular Interventions, 2018, 92, E410-E415.	1.7	82
12	Acute Myocardial Infarction During Pregnancy and the Puerperium in the United States. Mayo Clinic Proceedings, 2018, 93, 1404-1414.	3.0	78
13	Women have less severe and extensive coronary atherosclerosis in fatal cases of ischemic heart disease: An autopsy study. American Heart Journal, 2011, 161, 681-688.	2.7	73
14	Trends in cardiovascular risk factor and disease prevalence in patients undergoing non-cardiac surgery. Heart, 2018, 104, 1180-1186.	2.9	66
15	Thrombosis in hospitalized patients with viral respiratory infections versus COVID-19. American Heart Journal, 2021, 231, 93-95.	2.7	57
16	Cardiovascular Outcomes of Patients With Pulmonary Hypertension Undergoing Noncardiac Surgery. American Journal of Cardiology, 2019, 123, 1532-1537.	1.6	54
17	Proton Pump Inhibitors, Platelet Reactivity, and Cardiovascular Outcomes After Drug-Eluting Stents in Clopidogrel-Treated Patients. Circulation: Cardiovascular Interventions, 2015, 8, .	3.9	46
18	Perioperative Management to Reduce Cardiovascular Events. Circulation, 2016, 133, 1125-1130.	1.6	44

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19	Treatment and outcomes of type 2 myocardial infarction and myocardial injury compared with type 1 myocardial infarction. Coronary Artery Disease, 2018, 29, 46-52.	0.7	44
20	Small, Long Blood Half-Life Iodine Nanoparticle for Vascular and Tumor Imaging. Scientific Reports, 2018, 8, 13803.	3.3	41
21	Management and outcomes of acute myocardial infarction in patients with chronic kidney disease. International Journal of Cardiology, 2017, 227, 1-7.	1.7	40
22	Hospital Readmission After Perioperative Acute Myocardial Infarction Associated With Noncardiac Surgery. Circulation, 2018, 137, 2332-2339.	1.6	40
23	Provoking conditions, management and outcomes of type 2 myocardial infarction and myocardial necrosis. International Journal of Cardiology, 2016, 218, 196-201.	1.7	39
24	Glucagon-Like Peptide-1 Receptor Agonists for Diabetes Mellitus. Circulation, 2014, 129, 2305-2312.	1.6	36
25	Myocardial Injury in Adults Hospitalized With COVID-19. Circulation, 2020, 142, 2393-2395.	1.6	33
26	Coronary Arterial Function and Disease in Women With No Obstructive Coronary Arteries. Circulation Research, 2022, 130, 529-551.	4.5	29
27	Systemic Lupus Erythematosus and Increased Prevalence of Atherosclerotic Cardiovascular Disease in Hospitalized Patients. Mayo Clinic Proceedings, 2019, 94, 1436-1443.	3.0	28
28	Influence of Diabetes on Trends in Perioperative Cardiovascular Events. Diabetes Care, 2018, 41, 1268-1274.	8.6	26
29	Association of Thrombocytopenia, Revascularization, and In-Hospital Outcomes in Patients with Acute Myocardial Infarction. American Journal of Medicine, 2019, 132, 942-948.e5.	1.5	26
30	Multiple Biomarker Approach to Risk Stratification in COVID-19. Circulation, 2021, 143, 1338-1340.	1.6	26
31	Chronic kidney disease and outcomes of lower extremity revascularization for peripheral artery disease. Atherosclerosis, 2020, 297, 149-156.	0.8	25
32	Myocarditis in Relation to AngiographicÂFindings in Patients With Provisional Diagnoses of MINOCA. JACC: Cardiovascular Imaging, 2020, 13, 1906-1913.	5.3	24
33	Sex Differences in Management and Outcomes of Acute Myocardial Infarction Patients Presenting With CardiogenicÂShock. JACC: Cardiovascular Interventions, 2022, 15, 642-652.	2.9	24
34	Relation of Perioperative Elevation of Troponin to Long-Term Mortality After Orthopedic Surgery. American Journal of Cardiology, 2015, 115, 1643-1648.	1.6	23
35	Cardiovascular Risk Scores to Predict Perioperative Stroke in Noncardiac Surgery. Stroke, 2019, 50, 2002-2006.	2.0	23
36	Association between heart failure and perioperative outcomes in patients undergoing non-cardiac surgery. European Heart Journal Quality of Care & Clinical Outcomes, 2021, 7, 68-75.	4.0	23

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37	Adverse Trends in Ischemic Heart Disease Mortality among Young New Yorkers, Particularly Young Black Women. PLoS ONE, 2016, 11, e0149015.	2.5	20
38	Comparison of Outcomes of Patients With Sepsis With Versus Without Acute Myocardial Infarction and Comparison of Invasive Versus Noninvasive Management of the Patients With Infarction. American Journal of Cardiology, 2016, 117, 1065-1071.	1.6	20
39	Diagnosis and Management of Type II Myocardial Infarction: Increased Demand for a Limited Supply of Evidence. Current Atherosclerosis Reports, 2015, 17, 478.	4.8	19
40	Seasonal and circadian patterns of myocardial infarction by coronary artery disease status and sex in the ACTION Registry-GWTG. International Journal of Cardiology, 2019, 274, 16-20.	1.7	19
41	Pregnancy-Associated Myocardial Infarction. Circulation: Cardiovascular Interventions, 2020, 13, CIRCINTERVENTIONS120008687.	3.9	19
42	Spontaneous Coronary Artery Dissection in Patients With a Provisional Diagnosis of Takotsubo Syndrome. Journal of the American Heart Association, 2019, 8, e013581.	3.7	16
43	Perioperative antiplatelet therapy and cardiovascular outcomes in patients undergoing joint and spine surgery. Journal of Clinical Anesthesia, 2016, 35, 163-169.	1.6	15
44	Perioperative cardiovascular outcomes of non-cardiac solid organ transplant surgery. European Heart Journal Quality of Care & Clinical Outcomes, 2019, 5, 72-78.	4.0	15
45	Thrombosis at hospital presentation in patients with and without coronavirus disease 2019. Journal of Vascular Surgery: Venous and Lymphatic Disorders, 2021, 9, 845-852.	1.6	15
46	Clinical characteristics and outcomes of in-hospital cardiac arrest among patients with and without COVID-19. Resuscitation Plus, 2020, 4, 100054.	1.7	15
47	Risk of Venous Thromboembolism after New Onset Heart Failure. Scientific Reports, 2019, 9, 17415.	3.3	14
48	Trends in Perioperative Venous Thromboembolism Associated with Major Noncardiac Surgery. TH Open, 2017, 01, e82-e91.	1.4	13
49	Atrial Septal Defect and the Risk of Ischemic Stroke in the Perioperative Period of Noncardiac Surgery. American Journal of Cardiology, 2019, 124, 1120-1124.	1.6	13
50	Cardiovascular Risk Factors and Perioperative Myocardial Infarction After Noncardiac Surgery. Canadian Journal of Cardiology, 2021, 37, 224-231.	1.7	13
51	Risks of noncardiac surgery early after percutaneous coronary intervention. American Heart Journal, 2019, 217, 64-71.	2.7	12
52	Variability of discharge medical therapy for secondary prevention among patients with myocardial infarction with non-obstructive coronary arteries (MINOCA) in the United States. PLoS ONE, 2021, 16, e0255462.	2.5	11
53	Response by Reynolds et al to Letters Regarding Article, â€œCoronary Optical Coherence Tomography and Cardiac Magnetic Resonance Imaging to Determine Underlying Causes of Myocardial Infarction With Nonobstructive Coronary Arteries in Womenâ€• Circulation, 2021, 144, e209-e210.	1.6	11
54	Perioperative Cardiovascular Considerations Prior to Elective Noncardiac Surgery in Patients With a History of COVID-19. JAMA Surgery, 2022, 157, 187.	4.3	11

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55	Medical therapy for atherosclerotic cardiovascular disease in patients with myocardial injury after non-cardiac surgery. International Journal of Cardiology, 2019, 279, 1-5.	1.7	10
56	Hydroxychloroquine is associated with lower platelet activity and improved vascular health in systemic lupus erythematosus. Lupus Science and Medicine, 2021, 8, e000475.	2.7	10
57	The History of Primary Angioplasty and Stenting for Acute Myocardial Infarction. Current Cardiology Reports, 2016, 18, 5.	2.9	9
58	Systemic lupus erythematosus and the risk of perioperative major adverse cardiovascular events. Journal of Thrombosis and Thrombolysis, 2018, 45, 13-17.	2.1	8
59	Hospital readmission following takotsubo syndrome. European Heart Journal Quality of Care & Clinical Outcomes, 2019, 5, 114-120.	4.0	8
60	Perioperative cardiovascular outcomes among older adults undergoing inâ€hospital noncardiac surgery. Journal of the American Geriatrics Society, 2021, 69, 2821-2830.	2.6	8
61	Role of cardiac CT in the diagnostic evaluation and risk stratification of patients with myocardial infarction and non-obstructive coronary arteries (MINOCA): rationale and design of the MINOCA-GR study. BMJ Open, 2022, 12, e054698.	1.9	8
62	Perioperative bleeding and thrombotic risks in patients with Von Willebrand disease. Journal of Thrombosis and Thrombolysis, 2017, 44, 67-70.	2.1	7
63	Sex differences in the prevalence of vascular disease and risk factors in young hospitalized patients with psoriasis. International Journal of Women's Dermatology, 2019, 5, 251-255.	2.0	6
64	Microvascular Disease and Perioperative Outcomes of Non-Cardiac Surgery. American Journal of Cardiology, 2021, 139, 121-125.	1.6	6
65	Published Articles Reporting Studies by Industry Employees on Interventional Cardiology Devices. JAMA Internal Medicine, 2016, 176, 706.	5.1	5
66	Comparison of Clinical and Electrocardiographic Predictors of Ischemic and Nonischemic Cardiomyopathy During the Initial Evaluation of Patients With Reduced (â‰40%) Left Ventricular Ejection Fraction. American Journal of Cardiology, 2017, 119, 1650-1655.	1.6	5
67	Trends in the Incidence and In-Hospital Outcomes of Cardiogenic Shock Complicating Thyroid Storm. American Journal of the Medical Sciences, 2017, 354, 159-164.	1.1	5
68	Mediastinal Hematoma and Tracheal Compression following Transradial Percutaneous Coronary Intervention. Case Reports in Cardiology, 2018, 2018, 1-4.	0.2	5
69	Coronary artery bypass grafting versus percutaneous coronary intervention for myocardial infarction complicated by cardiogenic shock. American Heart Journal, 2020, 226, 255-263.	2.7	5
70	Risk of thrombotic events after respiratory infection requiring hospitalization. Scientific Reports, 2021, 11, 4053.	3.3	5
71	Sex Differences in Thrombosis and Mortality in Patients Hospitalized for COVID-19. American Journal of Cardiology, 2022, 170, 112-117.	1.6	5
72	Acute Myocardial Infarction Following Hospitalization for Gastrointestinal Bleeding: Incidence, Predictors, Management, and Outcomes. American Journal of Medicine, 2022, 135, e263-e278.	1.5	5

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73	Duration of Anticoagulation for Venous Thromboembolic Events. Circulation, 2014, 130, 2343-2348.	1.6	4
74	Another Nail in the Coffin for Intra-Aortic Balloon Counterpulsion in Acute Myocardial Infarction With Cardiogenic Shock. Circulation, 2019, 139, 404-406.	1.6	4
75	Gout and Progression of Aortic Stenosis. American Journal of Medicine, 2020, 133, 1095-1100.e1.	1.5	4
76	Troponin elevation pattern and subsequent cardiac and non-cardiac outcomes: Implementing the Fourth Universal Definition of Myocardial Infarction and high-sensitivity troponin at a population level. PLoS ONE, 2021, 16, e0248289.	2.5	4
77	Characteristics and Outcomes of Type 1 versus Type 2 Perioperative Myocardial Infarction After Noncardiac Surgery. American Journal of Medicine, 2022, 135, 202-210.e3.	1.5	4
78	Controversies surrounding authorship of manuscripts by industry employees: academic and industry perspectives. EuroIntervention, 2018, 13, 1967-1974.	3.2	4
79	Coronary revascularization and circulatory support strategies in patients with myocardial infarction, multi-vessel coronary artery disease, and cardiogenic shock: Insights from an international survey. American Heart Journal, 2020, 225, 55-59.	2.7	3
80	Diabetes mellitus and outcomes of lower extremity revascularization for peripheral artery disease. European Heart Journal Quality of Care & Clinical Outcomes, 2022, 8, 298-306.	4.0	3
81	Chest pain in patients recovering from noncardiac surgery: A retrospective analysis. Journal of Clinical Anesthesia, 2022, 82, 110932.	1.6	3
82	The Reply. American Journal of Medicine, 2016, 129, e211.	1.5	2
83	Perioperative Stroke Risk Reduction in Patients With Patent Foramen Ovale. JAMA Neurology, 2020, 77, 1479.	9.0	2
84	Microvascular endothelial glycocalyx thickness is associated with brachial artery flow-mediated dilation. Vascular Medicine, 2021, 26, 563-565.	1.5	2
85	Is PAD a Hypercoagulable Disorder?. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 387-389.	2.4	2
86	Letter to the Editor in response to â€˜Myocardial bridging is significantly associated to myocardial infarction with non-obstructive coronary arteriesâ€™ by Matta et al.. European Heart Journal: Acute Cardiovascular Care, 2022, 11, 580-580.	1.0	2
87	In Replyâ€”Acute Myocardial Infarction During Pregnancy and the Puerperium: Experiences and Challenges From Southern India. Mayo Clinic Proceedings, 2019, 94, 919-920.	3.0	1
88	Identification of a Whole Blood Signature for Venous Thromboembolism. Blood, 2018, 132, 3809-3809.	1.4	1
89	Predictive Performance of the International Takotsubo Registry Score in the Diagnosis of Takotsubo Syndrome Among Women with Non-ST Segment Elevation Myocardial Infarction. Journal of Women's Health, 2022, 31, 279-284.	3.3	1
90	Patterns and outcomes of invasive management of type 2 myocardial infarction in the United States. Coronary Artery Disease, 2022, Publish Ahead of Print, .	0.7	1

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91	Coronary Angiography in Patients With Perioperative Myocardial Injury After Non-Cardiac Surgery. Journal of Invasive Cardiology, 2018, 30, E90-E92.	0.4	1
92	Risk factors, transcriptomics, and outcomes of myocardial injury following lower extremity revascularization. Scientific Reports, 2022, 12, 6718.	3.3	1
93	Response to Letter Regarding Article, â€œProton Pump Inhibitors, Platelet Reactivity, and Cardiovascular Outcomes After Drug-Eluting Stents in Clopidogrel-Treated Patients: The ADAPT-DES Studyâ€• Circulation: Cardiovascular Interventions, 2016, 9, e003530.	3.9	0
94	High-Sensitivity Troponin Levels, Ischemia, and Mortality. JAMA - Journal of the American Medical Association, 2017, 318, 864.	7.4	0
95	Letter by Smilowitz Regarding Article, â€œThree-Vessel Assessment of Coronary Microvascular Dysfunction in Patients With Clinical Suspicion of Ischemia: Prospective Observational Study With the Index of Microcirculatory Resistanceâ€• Circulation: Cardiovascular Interventions, 2018, 11, e006262.	3.9	0
96	Overlap in Age at the Time of Elective Percutaneous Coronary Intervention and at Noncardiac Surgery. Journal of the American College of Cardiology, 2018, 72, 1554-1555.	2.8	0
97	Cardiovascular Risk Assessment for Noncardiac Surgeryâ€”Reply. JAMA - Journal of the American Medical Association, 2020, 324, 2106.	7.4	0
98	Posterior Descending Coronary Artery Arising From a Septal Branch of the Left Anterior Descending Coronary Artery. Journal of Invasive Cardiology, 2017, 29, E26-E27.	0.4	0
99	Embolization of a Large Intracoronary Thrombus During ST-Segment Elevation Myocardial Infarction. Journal of Invasive Cardiology, 2017, 29, E149-E150.	0.4	0
100	Invasive Management of Acute Myocardial Infarctions During the Initial Wave of the COVID-19 Pandemic. Journal of Invasive Cardiology, 2021, , .	0.4	0
101	Relation of Previous Coronary Artery Bypass Grafting and/or Percutaneous Coronary Intervention to Perioperative Cardiovascular Outcomes in Patients Who Underwent Noncardiac Surgery. American Journal of Cardiology, 2022, 170, 40-46.	1.6	0
102	Abstract 10596: Telephone-Based Stress Management in Women with Myocardial Infarction: Findings from the Go Red for Women Strategically Focused Research Network. Circulation, 2021, 144, .	1.6	0
103	Management of Antiplatelet Therapy in Patients with Coronary Stents Undergoing Noncardiac Surgery. American Journal of Medicine, 2022, 135, e305-e307.	1.5	0
104	Systematic review and meta-regression on the duration of LDL-C lowering and major adverse cardiovascular events. Vascular Medicine, 0, , 1358863X2210984.	1.5	0
105	Femoral in the Time of Radial. , 2022, , 100385.		0