

# Adam James Nelson

## List of Publications by Year in descending order

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Version: 2024-02-01

118  
papers

3,094  
citations

201674

27  
h-index

175258

52  
g-index

129  
all docs

129  
docs citations

129  
times ranked

4634  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pericardial Fat Is Associated With Atrial Fibrillation Severity and Ablation Outcome. <i>Journal of the American College of Cardiology</i> , 2011, 57, 1745-1751.	2.8	371
2	Obesity results in progressive atrial structural and electrical remodeling: Implications for atrial fibrillation. <i>Heart Rhythm</i> , 2013, 10, 90-100.	0.7	314
3	Hypertension and atrial fibrillation: Evidence of progressive atrial remodeling with electrostructural correlate in a conscious chronically instrumented ovine model. <i>Heart Rhythm</i> , 2010, 7, 1282-1290.	0.7	168
4	A Randomized Trial of a 1-Hour Troponin T Protocol in Suspected Acute Coronary Syndromes. <i>Circulation</i> , 2019, 140, 1543-1556.	1.6	144
5	Tomorrow's educatorsâ€™â€ â€™today? Implementing near-peer teaching for medical students. <i>Medical Teacher</i> , 2013, 35, 156-159.	1.8	113
6	Validation of cardiovascular magnetic resonance assessment of pericardial adipose tissue volume. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, 15.	3.3	105
7	Electroanatomical Remodeling of the Atria in Obesity. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 1529-1540.	3.2	100
8	Targeting Vascular Calcification in Chronic Kidney Disease. <i>JACC Basic To Translational Science</i> , 2020, 5, 398-412.	4.1	95
9	Short-term hypertension is associated with the development of atrial fibrillation substrate: A study in an ovine hypertensive model. <i>Heart Rhythm</i> , 2010, 7, 396-404.	0.7	90
10	Cardiovascular Safety of Degarelix Versus Leuprolide in Patients With Prostate Cancer: The Primary Results of the PRONOUNCE Randomized Trial. <i>Circulation</i> , 2021, 144, 1295-1307.	1.6	75
11	CT sizing for left atrial appendage closure is associated with favourable outcomes for procedural safety. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1361-1368.	1.2	70
12	Cardiovascular magnetic resonance-derived aortic distensibility: validation and observed regional differences in the elderly. <i>Journal of Hypertension</i> , 2009, 27, 535-542.	0.5	64
13	Reparative Effects of Allogeneic Mesenchymal Precursor Cells Delivered Transendocardially in Experimental Nonischemic Cardiomyopathy. <i>JACC: Cardiovascular Interventions</i> , 2010, 3, 974-983.	2.9	62
14	HDL and cardiovascular disease. <i>Pathology</i> , 2019, 51, 142-147.	0.6	56
15	High-Intensity Statin Use Among Patients With Atherosclerosis in the U.S.. <i>Journal of the American College of Cardiology</i> , 2022, 79, 1802-1813.	2.8	52
16	Impact of Timing and Dose of Mesenchymal Stromal Cell Therapy in a Preclinical Model of Acute Myocardial Infarction. <i>Journal of Cardiac Failure</i> , 2013, 19, 342-353.	1.7	43
17	Coronary Î²2-adrenoreceptors mediate endothelium-dependent vasoreactivity in humans: novel insights from an in vivo intravascular ultrasound study. <i>European Heart Journal</i> , 2012, 33, 495-504.	2.2	36
18	Impact of weight reduction on pericardial adipose tissue and cardiac structure in patients with atrial fibrillation. <i>American Heart Journal</i> , 2015, 169, 655-662.e2.	2.7	36

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19	Incorporating SGLT2i and GLP-1RA for Cardiovascular and Kidney Disease Risk Reduction: Call for Action to the Cardiology Community. <i>Circulation</i> , 2021, 144, 74-84.	1.6	34
20	Ten things to know about ten cardiovascular disease risk factors “ 2022. <i>American Journal of Preventive Cardiology</i> , 2022, 10, 100342.	3.0	34
21	Guidelines for Cardiovascular Risk Reduction in Patients With Type 2 Diabetes. <i>Journal of the American College of Cardiology</i> , 2022, 79, 1849-1857.	2.8	34
22	Atrial Remodeling in an Ovine Model of Anthracycline-Induced Nonischemic Cardiomyopathy: Remodeling of the Same Sort. <i>Journal of Cardiovascular Electrophysiology</i> , 2010, 22, no-no.	1.7	32
23	Advancing Value-Based Models for Heart Failure. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020, 13, e006483.	2.2	32
24	Assessment of myocardial fibrosis by endoventricular electromechanical mapping in experimental nonischemic cardiomyopathy. <i>International Journal of Cardiovascular Imaging</i> , 2011, 27, 25-37.	1.5	31
25	“We are what we eat” Invasive intestinal mucormycosis: A case report and review of the literature. <i>Medical Mycology Case Reports</i> , 2012, 1, 52-55.	1.3	31
26	Gaps in Evidence-Based Therapy Use in Insured Patients in the United States With Type 2 Diabetes Mellitus and Atherosclerotic Cardiovascular Disease. <i>Journal of the American Heart Association</i> , 2021, 10, e016835.	3.7	31
27	Use of Lipid-, Blood Pressure-, and Glucose-Lowering Pharmacotherapy in Patients With Type 2 Diabetes and Atherosclerotic Cardiovascular Disease. <i>JAMA Network Open</i> , 2022, 5, e2148030.	5.9	30
28	Atrial protective effects of n-3 polyunsaturated fatty acids: A long-term study in ovine chronic heart failure. <i>Heart Rhythm</i> , 2011, 8, 575-582.	0.7	27
29	Optimization of the Cardiovascular Therapeutic Properties of Mesenchymal Stromal/Stem Cells “Taking the Next Step. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 281-302.	5.6	27
30	Late Outcomes of the RAPID-TnT Randomized Controlled Trial: 0/1-Hour High-Sensitivity Troponin T Protocol in Suspected ACS. <i>Circulation</i> , 2021, 144, 113-125.	1.6	27
31	Clopidogrel Improves Microvascular Endothelial Function in Subjects with Stable Coronary Artery Disease. <i>Heart Lung and Circulation</i> , 2014, 23, 534-541.	0.4	26
32	Atherosclerotic cardiovascular disease and heart failure: Determinants of risk and outcomes in patients with diabetes. <i>Progress in Cardiovascular Diseases</i> , 2019, 62, 306-314.	3.1	25
33	An Ovine Model of Toxic, Nonischemic Cardiomyopathy “Assessment by Cardiac Magnetic Resonance Imaging. <i>Journal of Cardiac Failure</i> , 2008, 14, 785-795.	1.7	24
34	Managing Dyslipidemia in Type 2 Diabetes. <i>Endocrinology and Metabolism Clinics of North America</i> , 2018, 47, 153-173.	3.2	24
35	Statins in a Distorted Mirror of Media. <i>Current Atherosclerosis Reports</i> , 2020, 22, 37.	4.8	24
36	Medical education: revolution, devolution and evolution in curriculum philosophy and design. <i>Medical Journal of Australia</i> , 2009, 191, 35-37.	1.7	23

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37	Representation of Older Adults in Cardiovascular Disease Trials Since the Inclusion Across the Lifespan Policy. <i>JAMA Internal Medicine</i> , 2020, 180, 1531.	5.1	23
38	Current approach to the diagnosis of atherosclerotic coronary artery disease: more questions than answers. <i>Therapeutic Advances in Chronic Disease</i> , 2019, 10, 204062231988481.	2.5	21
39	Coronary artery wall shear stress is associated with endothelial dysfunction and expansive arterial remodelling in patients with coronary artery disease. <i>EuroIntervention</i> , 2015, 10, 1440-1448.	3.2	21
40	The deleterious effects of arteriovenous fistula-creation on the cardiovascular system: a longitudinal magnetic resonance imaging study. <i>International Journal of Nephrology and Renovascular Disease</i> , 2014, 7, 337.	1.8	20
41	Incremental benefits of repeated mesenchymal stromal cell administration compared with solitary intervention after myocardial infarction. <i>Cytotherapy</i> , 2014, 16, 460-470.	0.7	20
42	A randomized trial of a 1-hour troponin T protocol in suspected acute coronary syndromes: Design of the Rapid Assessment of Possible ACS In the emergency Department with high sensitivity Troponin T (RAPID-TnT) study. <i>American Heart Journal</i> , 2017, 190, 25-33.	2.7	20
43	Management of multivessel coronary artery disease in patients with non-ST-elevation myocardial infarction: a complex path to precision medicine. <i>Therapeutic Advances in Chronic Disease</i> , 2020, 11, 204062232093852.	2.5	19
44	Dissemination of Transcatheter Aortic Valve Replacement in the United States. <i>Journal of the American College of Cardiology</i> , 2021, 78, 794-806.	2.8	19
45	Beneficial cardiovascular remodeling following arteriovenous fistula ligation postrenal transplantation: a longitudinal magnetic resonance imaging study. <i>Clinical Transplantation</i> , 2014, 28, 916-925.	1.6	18
46	Targeting low-density lipoprotein cholesterol with PCSK9 inhibitors. <i>Internal Medicine Journal</i> , 2017, 47, 856-865.	0.8	18
47	The role of cardiac magnetic resonance imaging following acute myocardial infarction. <i>European Radiology</i> , 2012, 22, 1757-1768.	4.5	17
48	Association Between Triglycerides and Residual Cardiovascular Risk in Patients With Type 2 Diabetes Mellitus and Established Cardiovascular Disease (From the Bypass Angioplasty Revascularization) <i>TJ ETQq0 0 0 rgBTLOverlock170 Tf 50 2</i>	1.6	17
49	A Study of the 16-Segment Regional Wall Motion Scoring Index and Biplane Simpson's Rule for the Calculation of Left Ventricular Ejection Fraction: A Comparison with Cardiac Magnetic Resonance Imaging. <i>Echocardiography</i> , 2011, 28, 597-604.	0.9	16
50	Prognostic value of adenosine stress perfusion cardiac MRI with late gadolinium enhancement in an intermediate cardiovascular risk population. <i>International Journal of Cardiology</i> , 2013, 167, 2055-2060.	1.7	16
51	Fluid structure interaction modelling of aortic valve stenosis: Effects of valve calcification on coronary artery flow and aortic root hemodynamics. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 196, 105647.	4.7	16
52	Practice Patterns and Outcomes of Transcatheter Aortic Valve Replacement in the United States and Japan: A Report From Joint Data Harmonization Initiative of STS/ACC TVT and JACTVT. <i>Journal of the American Heart Association</i> , 2022, 11, e023848.	3.7	15
53	Disseminated adenovirus infection in kidney transplant recipient. <i>Nephrology</i> , 2014, 19, 10-13.	1.6	14
54	End-stage renal failure is associated with impaired coronary microvascular function. <i>Coronary Artery Disease</i> , 2019, 30, 520-527.	0.7	14

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55	Practical Application of Patient-Reported Health Status Measures for Transcatheter Valve Therapies. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021, 14, e007187.	2.2	14
56	Long-term outcomes of early-onset myocardial infarction with non-obstructive coronary artery disease (MINOCA). <i>International Journal of Cardiology</i> , 2022, 354, 7-13.	1.7	14
57	Dietary Omega-3 Supplementation Exacerbates Left Ventricular Dysfunction in an Ovine Model of Anthracycline-Induced Cardiotoxicity. <i>Journal of Cardiac Failure</i> , 2012, 18, 502-511.	1.7	13
58	Transcatheter aortic valve implantation: a new standard of care. <i>Medical Journal of Australia</i> , 2018, 209, 136-141.	1.7	13
59	Treating Dyslipidemia in Type 2 Diabetes. <i>Cardiology Clinics</i> , 2018, 36, 233-239.	2.2	11
60	Like a House Afire: Cardiac Sarcoidosis. <i>American Journal of Medicine</i> , 2013, 126, 21-24.	1.5	10
61	Povidone-iodine Irrigation - A Possible Alternative To Lead Extraction. <i>Indian Pacing and Electrophysiology Journal</i> , 2011, 11, 115-9.	0.6	10
62	Impact of research presentations at the annual scientific sessions of the Heart Rhythm Society. <i>Heart Rhythm</i> , 2009, 6, 1345-1348.	0.7	9
63	Ascending aortic blood flow velocity is increased in children with primary snoring/mild sleep-disordered breathing and associated with an increase in CD8 + AT cells expressing TNF $\alpha$ and IFN $\gamma$ . <i>Heart and Vessels</i> , 2018, 33, 537-548.	1.2	9
64	Status of PCSK9 Monoclonal Antibodies in Australia. <i>Heart Lung and Circulation</i> , 2019, 28, 1571-1579.	0.4	9
65	Effect of Androgen Deprivation Therapy on Metabolic Complications and Cardiovascular Risk. <i>Journal of Cardiovascular Translational Research</i> , 2020, 13, 451-462.	2.4	9
66	Coronary Endothelium-Dependent Vasoreactivity and Atheroma Volume in Subjects With Stable, Minimal Angiographic Disease Versus Non-ST-Segment Elevation Myocardial Infarction. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 674-682.	2.6	8
67	Aortic distensibility is associated with both resting and hyperemic coronary blood flow. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H811-H819.	3.2	8
68	Risk of Total Events With Icosapent Ethyl. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2803-2805.	2.8	8
69	Glycoprotein IIb/IIIa inhibitor associated severe thrombocytopenia in patients with coronary artery disease: Clinical course and outcomes. <i>Platelets</i> , 2012, 23, 224-228.	2.3	7
70	Cardiac magnetic resonance, transthoracic and transoesophageal echocardiography: a comparison of in vivo assessment of ventricular function in rats. <i>Laboratory Animals</i> , 2013, 47, 291-300.	1.0	7
71	Dobutamine Stress Cardiac MRI for Assessment of Coronary Artery Disease Prior to Kidney Transplantation. <i>American Journal of Kidney Diseases</i> , 2015, 65, 808-809.	1.9	7
72	Rivaroxaban With or Without Aspirin for the Secondary Prevention of Cardiovascular Disease: Clinical Implications of the COMPASS Trial. <i>American Journal of Cardiovascular Drugs</i> , 2019, 19, 343-348.	2.2	7

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73	Classification performance of clinical risk scoring in suspected acute coronary syndrome beyond a rule-out troponin profile. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 1038-1047.	1.0	7
74	Antiplatelet therapy in acute coronary syndromes: current agents and impact on patient outcomes. <i>Patient Related Outcome Measures</i> , 2010, 2, 7.	1.2	6
75	Renal sympathetic denervation increases renal blood volume per cardiac cycle: a serial magnetic resonance imaging study in resistant hypertension. <i>International Journal of Nephrology and Renovascular Disease</i> , 2017, Volume 10, 243-249.	1.8	6
76	Coronary atheroma composition and its association with segmental endothelial dysfunction in non-ST segment elevation myocardial infarction: novel insights with radiofrequency (iMAP) intravascular ultrasonography. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 247-257.	1.5	5
77	Non-traumatic spinal intradural haematoma: a rare case of paralysis following abciximab for ST elevation acute coronary syndrome. <i>BMJ Case Reports</i> , 2016, 2016, bcr2016215616.	0.5	5
78	Effects of renal sympathetic denervation on myocardial structure, function and perfusion: A serial CMR study. <i>Atherosclerosis</i> , 2018, 272, 207-215.	0.8	5
79	Hemodynamics of a stenosed aortic valve: Effects of the geometry of the sinuses and the positions of the coronary ostia. <i>International Journal of Mechanical Sciences</i> , 2020, 188, 106015.	6.7	5
80	The fish-oil paradox. <i>Current Opinion in Lipidology</i> , 2020, 31, 356-361.	2.7	5
81	An update on emerging drugs for the treatment of hypercholesterolemia. <i>Expert Opinion on Emerging Drugs</i> , 2021, 26, 363-369.	2.4	4
82	The time for lipoprotein(a) based intervention has arrived: where will the light shine?. <i>Journal of Thoracic Disease</i> , 2019, 11, S433-S436.	1.4	3
83	The role of intracoronary imaging in translational research. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 1480-1507.	1.7	3
84	The SAMSON trial: using a placebo to improve medication tolerability. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2021, 7, e13-e13.	3.0	3
85	Variations in Coronary Lumen Dimensions Measured In Vivo. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 123-124.	5.3	2
86	Large apical thrombus due to Takotsubo cardiomyopathy. <i>BMJ Case Reports</i> , 2016, 2016, bcr2016214503.	0.5	2
87	Massive pulmonary embolism with acute cor pulmonale. <i>Postgraduate Medical Journal</i> , 2016, 92, 487-488.	1.8	2
88	Fungal Obstruction of Transcatheter Aortic Valve Replacement Valve. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, .	3.9	2
89	Monitoring the Response to Statin Therapy. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1485-1486.	5.3	2
90	Anticoagulation-Related Major Bleeding in Patients With Atrial Fibrillation. <i>Circulation</i> , 2019, 140, 1802-1804.	1.6	2

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91	C-reactive protein levels and plaque regression with evolocumab: Insights from GLAGOV. American Journal of Preventive Cardiology, 2020, 3, 100091.	3.0	2
92	Percutaneous Coronary Intervention Operator Profiles and Associations With In-Hospital Mortality. Circulation: Cardiovascular Interventions, 2022, 15, CIRCINTERVENTIONS121010909.	3.9	2
93	Intravenous Recombinant Tissue Plasminogen Activator Therapy for Acute Basilar Artery Ischemic Stroke Following Transfemoral Transcatheter Aortic Valve Implantation. Journal of Heart Valve Disease, 2016, 25, 14-17.	0.5	2
94	Regional Differences in Aortic Geometry. JACC: Cardiovascular Imaging, 2011, 4, 562-563.	5.3	1
95	Left main coronary arterial endothelial function and heterogenous segmental epicardial vasomotor reactivity in vivo: novel insights with intravascular ultrasonography. European Heart Journal Cardiovascular Imaging, 2014, 15, 1270-1280.	1.2	1
96	The impact of lumen size and microvascular resistance on Fourier-domain optical coherence tomography (FD-OCT) coronary measurements. International Journal of Cardiology, 2014, 174, 210-211.	1.7	1
97	Cor Medusae: Giant Coronary Arteriovenous Fistula. Revista Espanola De Cardiologia (English Ed ), 2016, 69, 976-977.	0.6	1
98	Mechanisms of coronary ischaemia in women: Are we any closer to deciphering the code?. European Journal of Preventive Cardiology, 2018, 25, 717-718.	1.8	1
99	Statins for Primary Prevention in the Elderly. JAMA - Journal of the American Medical Association, 2020, 324, 45.	7.4	1
100	Ischaemic stroke in heart failure: back to basics?. Heart, 2020, 106, 555-556.	2.9	1
101	The incremental value of angiographic features for predicting recurrent cardiovascular events: Insights from the Duke Databank for Cardiovascular Disease. Atherosclerosis, 2021, 321, 1-7.	0.8	1
102	Stress-Induced Cardiomyopathy and Possible Link to Cerebral Executive Function. primary care companion for CNS disorders, The, 2013, 15, .	0.6	1
103	Hospital-Level Percutaneous Coronary Intervention Performance With Simulated Risk Avoidance. Journal of the American College of Cardiology, 2021, 78, 2213-2217.	2.8	1
104	Reply: Lead-preserving Strategies for Pacemaker Pocket Infection: Who, When and How?. Indian Pacing and Electrophysiology Journal, 2012, 12, 294-296.	0.6	0
105	TCT-226 Comparison Of Endothelial Function In The Left Main Coronary Artery And Epicardial Arterial Segments. Journal of the American College of Cardiology, 2012, 60, B65-B66.	2.8	0
106	Defibrillator lead endocarditis. European Heart Journal Cardiovascular Imaging, 2015, 16, jev232.	1.2	0
107	Transcatheter Aortic Valve Replacement: A Solution for the Young, Inoperable and Regurgitant. Heart Lung and Circulation, 2016, 25, e126-e129.	0.4	0
108	Therapeutic paradox: nimodipine attenuates severe coronary spasm following coronary artery graft surgery in a high-risk vasoplegic cancer patient. Internal Medicine Journal, 2017, 47, 229-231.	0.8	0

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109	Pulsatile torso: giant cardiomegaly from untreated tricuspid endocarditis. Postgraduate Medical Journal, 2019, 95, 174-174.	1.8	0
110	In middle-aged adults, Astro-CHARM was better than a standard risk factor model for predicting 10-year ASCVD risk. Annals of Internal Medicine, 2019, 170, JC23.	3.9	0
111	Reply to "Letter to the Editor: Aortic distensibility and coronary blood flow: does cardiac period play a role?". American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H1389-H1389.	3.2	0
112	Do Cholesteryl Ester Transfer Protein Inhibitors Have a Role in the Treatment of Cardiovascular Disease?. American Journal of Cardiovascular Drugs, 2019, 19, 229-235.	2.2	0
113	High-Dose Omega-3 Fatty Acids in Cardiovascular Prevention: Finally Living Up to Their Potential?. American Journal of Cardiovascular Drugs, 2020, 20, 11-18.	2.2	0
114	Translating evidence from clinical trials of omega-3 fatty acids to clinical practice. Future Cardiology, 2020, 16, 343-350.	1.2	0
115	Two-in-one: Combined transcatheter therapy for hypertrophic cardiomyopathy and aortic stenosis. IHJ Cardiovascular Case Reports (CVCR), 2020, 4, 17-20.	0.1	0
116	Can the Absence of Hypertension Refine the Risk Assessment of Older Adults for Future Cardiovascular Events?. American Journal of Cardiology, 2021, 142, 83-90.	1.6	0
117	Current and Emerging Therapies for Atherosclerosis. , 2020, , 71-88.		0
118	Troponin testing in the primary care setting. Australian Family Physician, 2017, 46, 823-826.	0.5	0