

Aaron L Sverdlov

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

2,345
citations

279798

23
h-index

233421

45
g-index

85
all docs

85
docs citations

85
times ranked

3717
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing cardiovascular risk assessment in cancer patients scheduled to receive cardiotoxic cancer therapies: a position statement and new risk assessment tools from the Cardio-Oncology Study Group of the Heart Failure Association of the European Society of Cardiology in collaboration with the International Cardio-Oncology Society. <i>European Journal of Heart Failure</i> , 2020,	7.1	364
2	Quantitative interpretation of FDG PET/CT with myocardial perfusion imaging increases diagnostic information in the evaluation of cardiac sarcoidosis. <i>Journal of Nuclear Cardiology</i> , 2014, 21, 925-939.	2.1	155
3	N-Terminal Pro-Brain Natriuretic Protein Levels in Takotsubo Cardiomyopathy. <i>American Journal of Cardiology</i> , 2011, 108, 1316-1321.	1.6	123
4	Atrial shunt device for heart failure with preserved and mildly reduced ejection fraction (REDUCE) Trial. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1075-1085.	13.7	112
5	Does Vitamin D Modulate Asymmetric Dimethylarginine and C-Reactive Protein Concentrations?. <i>American Journal of Medicine</i> , 2010, 123, 335-341.	1.5	108
6	Slowly resolving global myocardial inflammation/oedema in Tako-Tsubo cardiomyopathy: evidence from T2-weighted cardiac MRI. <i>Heart</i> , 2012, 98, 1278-1284.	2.9	100
7	Mitochondrial Reactive Oxygen Species Mediate Cardiac Structural, Functional, and Mitochondrial Consequences of Diet-Induced Metabolic Heart Disease. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	85
8	Thioredoxin-Interacting Protein: Pathophysiology and Emerging Pharmacotherapeutics in Cardiovascular Disease and Diabetes. <i>Cardiovascular Drugs and Therapy</i> , 2014, 28, 347-360.	2.6	76
9	Decreased ATP production and myocardial contractile reserve in metabolic heart disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 116, 106-114.	1.9	70
10	High fat, high sucrose diet causes cardiac mitochondrial dysfunction due in part to oxidative post-translational modification of mitochondrial complex II. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 78, 165-173.	1.9	68
11	Ageing of the Nitric Oxide System: Are We as Old as Our NO?. <i>Journal of the American Heart Association</i> , 2014, 3, .	3.7	67
12	Determinants of insulin responsiveness in young women: Impact of polycystic ovarian syndrome, nitric oxide, and vitamin D. <i>Nitric Oxide - Biology and Chemistry</i> , 2011, 25, 326-330.	2.7	66
13	The Role of Pathological Aging in Cardiac and Pulmonary Fibrosis. <i>Journal of Cellular Biochemistry</i> , 2019, 10, 419.		59
14	Pulmonary Hypertension Due to Left Heart Disease. <i>Hypertension</i> , 2020, 75, 1397-1408.	2.7	56
15	Mitochondrial remodeling in mice with cardiomyocyte-specific lipid overload. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 79, 275-283.	1.9	52
16	Determinants of Occurrence of Aortic Sclerosis in an Aging Population. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 919-927.	5.3	47
17	Modulation of myocardial metabolism: an emerging therapeutic principle. <i>Current Opinion in Cardiology</i> , 2010, 25, 329-334.	1.8	46
18	Vitamin D2 supplementation induces the development of aortic stenosis in rabbits: Interactions with endothelial function and thioredoxin-interacting protein. <i>European Journal of Pharmacology</i> , 2008, 590, 290-296.	3.5	37

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19	Reciprocal regulation of NO signaling and TXNIP expression in humans: Impact of aging and ramipril therapy. <i>International Journal of Cardiology</i> , 2013, 168, 4624-4630.	1.7	36
20	Ramipril retards development of aortic valve stenosis in a rabbit model: mechanistic considerations. <i>British Journal of Pharmacology</i> , 2011, 162, 722-732.	5.4	35
21	Enhanced NO Signaling in Patients with Takotsubo Cardiomyopathy: Short-Term Pain, Long-Term Gain?. <i>Cardiovascular Drugs and Therapy</i> , 2013, 27, 541-547.	2.6	32
22	Overexpression of Catalase Diminishes Oxidative Cysteine Modifications of Cardiac Proteins. <i>PLoS ONE</i> , 2015, 10, e0144025.	2.5	31
23	Determinants of aortic sclerosis progression: implications regarding impairment of nitric oxide signalling and potential therapeutics. <i>European Heart Journal</i> , 2012, 33, 2419-2425.	2.2	29
24	Interplay between Oxidative Stress and Inflammation in Cardiometabolic Syndrome. <i>Mediators of Inflammation</i> , 2016, 2016, 1-3.	3.0	25
25	Oxidative modifications of mitochondrial complex II are associated with insulin resistance of visceral fat in obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E168-E177.	3.5	25
26	Pathogenesis of aortic stenosis: not just a matter of wear and tear. <i>American Journal of Cardiovascular Disease</i> , 2011, 1, 185-99.	0.5	25
27	The nitric oxide redox sibling nitroxyl partially circumvents impairment of platelet nitric oxide responsiveness. <i>Nitric Oxide - Biology and Chemistry</i> , 2013, 35, 72-78.	2.7	23
28	Outcomes following heart failure hospitalization in a regional Australian setting between 2005 and 2014. <i>ESC Heart Failure</i> , 2018, 5, 271-278.	3.1	22
29	Impact of chronic congestive heart failure on pharmacokinetics and vasomotor effects of infused nitrite. <i>British Journal of Pharmacology</i> , 2013, 169, 659-670.	5.4	21
30	Energetic Dysfunction Is Mediated by Mitochondrial Reactive Oxygen Species and Precedes Structural Remodeling in Metabolic Heart Disease. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 539-549.	5.4	20
31	Can we make sense of takotsubo cardiomyopathy? An update on pathogenesis, diagnosis and natural history. <i>Expert Review of Cardiovascular Therapy</i> , 2012, 10, 215-221.	1.5	19
32	Prevention of aortic valve stenosis: A realistic therapeutic target?. , 2012, 135, 78-93.		19
33	New onset atrial fibrillation is associated with elevated galectin-3 levels. <i>International Journal of Cardiology</i> , 2016, 223, 48-49.	1.7	19
34	Galectin-3 Is Associated With Stage B Metabolic Heart Disease and Pulmonary Hypertension in Young Obese Patients. <i>Journal of the American Heart Association</i> , 2019, 8, e011100.	3.7	19
35	Factors Associated with Adverse Cardiovascular Events in Cancer Patients Treated with Bevacizumab. <i>Journal of Clinical Medicine</i> , 2020, 9, 2664.	2.4	16
36	Heart Failure. <i>Hypertension</i> , 2013, 61, 284-285.	2.7	15

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37	Cardiotoxicity of Radiation Therapy: Mechanisms, Management, and Mitigation. <i>Current Treatment Options in Oncology</i> , 2021, 22, 70.	3.0	15
38	The endogenous NOS inhibitor asymmetric dimethylarginine (ADMA) predicts LV mass independent of afterload. <i>Nitric Oxide - Biology and Chemistry</i> , 2011, 25, 41-46.	2.7	14
39	Correlates of arterial stiffness in an ageing population: Role of asymmetric dimethylarginine. <i>Pharmacological Research</i> , 2009, 60, 503-507.	7.1	13
40	Aging of Platelet Nitric Oxide Signaling: Pathogenesis, Clinical Implications, and Therapeutics. <i>Seminars in Thrombosis and Hemostasis</i> , 2014, 40, 660-668.	2.7	13
41	Vitamin D supplementation lowers thrombospondin-1 levels and blood pressure in healthy adults. <i>PLoS ONE</i> , 2017, 12, e0174435.	2.5	13
42	Suboptimal Use of Cardioprotective Medications in Patients With a History of Cancer. <i>JACC: CardioOncology</i> , 2020, 2, 312-315.	4.0	13
43	Premature Aging of Cardiovascular/Platelet Function in Polycystic Ovarian Syndrome. <i>American Journal of Medicine</i> , 2013, 126, 640.e1-640.e7.	1.5	11
44	International consensus statement on the management of cardiovascular risk of Bruton's tyrosine kinase inhibitors in CLL. <i>Blood Advances</i> , 2022, 6, 5516-5525.	5.2	11
45	Cardiac Magnetic Resonance Imaging Identifies the Elusive Perivalvular Abscess. <i>Circulation</i> , 2008, 118, e1-3.	1.6	10
46	Hydralazine does not Ameliorate Nitric Oxide Resistance in Chronic Heart Failure. <i>Cardiovascular Drugs and Therapy</i> , 2010, 24, 131-137.	2.6	10
47	Lack of association between aortic sclerosis and left ventricular hypertrophy in elderly subjects. <i>International Journal of Cardiology</i> , 2011, 150, 33-38.	1.7	9
48	The Importance of Primary Care in Cardio-Oncology. <i>Current Treatment Options in Oncology</i> , 2021, 22, 107.	3.0	7
49	Ibrutinib-related atrial fibrillation: A single center Australian experience. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2019, 15, e187-e190.	1.1	6
50	Nexus of Cancer and Cardiovascular Disease for Australia's First Peoples. <i>JCO Global Oncology</i> , 2020, 6, 115-119.	1.8	6
51	Pathogenesis of aortic sclerosis: association with low BMI, tissue nitric oxide resistance, but not systemic inflammatory activation. <i>American Journal of Cardiovascular Disease</i> , 2012, 2, 43-9.	0.5	6
52	Patterns of contraceptive use among young Australian women with chronic disease: findings from a prospective cohort study. <i>Reproductive Health</i> , 2022, 19, 111.	3.1	6
53	Effects of Aging, Renal Dysfunction, Left Ventricular Systolic Impairment, and Weight on Steady State Pharmacokinetics of Perhexiline. <i>Therapeutic Drug Monitoring</i> , 2011, 33, 251-256.	2.0	5
54	Partial Liver Kinase B1 (LKB1) Deficiency Promotes Diastolic Dysfunction, De Novo Systolic Dysfunction, Apoptosis, and Mitochondrial Dysfunction With Dietary Metabolic Challenge. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	5

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55	Premature Ventricular Complexes: Benign, Pathogenic or Just a Marker of Myocardial Disease?. Heart Lung and Circulation, 2019, 28, 351-353.	0.4	5
56	Heart failure outcomes in Aboriginal and Torres Strait Islander peoples in the Hunter New England region of New South Wales. International Journal of Cardiology, 2021, 334, 65-71.	1.7	5
57	Management of Acute Coronary Syndromes in Patients in Rural Australia. JAMA Cardiology, 2022, 7, 690.	6.1	5
58	Heart Failure in Breast Cancer Survivors: Focus on Early Detection and Novel Biomarkers. Current Heart Failure Reports, 2021, 18, 362-377.	3.3	4
59	Elevated parathyroid hormone predicts high asymmetric dimethylarginine (ADMA) concentrations in obese diabetic patients. Diabetes and Metabolism, 2016, 42, 378-381.	2.9	3
60	Increased risk of atrial fibrillation among patients undergoing coronary artery bypass graft surgery while receiving nitrates and antiplatelet agents. Journal of International Medical Research, 2018, 46, 3183-3194.	1.0	3
61	Cardiovascular Outcomes in Indigenous Australians: A National Gap. Heart Lung and Circulation, 2019, 28, 825-826.	0.4	3
62	Effects of acute hyperglycaemia on cardiovascular homeostasis: does a spoonful of sugar make the flow-mediated dilatation go down?. Journal of Thoracic Disease, 2015, 7, E607-11.	1.4	3
63	Poster Session 1: Sunday 3 May 2015, 08:30-18:00 * Room: Poster Area. European Heart Journal Cardiovascular Imaging, 2015, 16, i11-i28.	1.2	2
64	Anthracycline-Induced Cardiotoxicity: Time to Focus on Cardioprotection Again. Heart Lung and Circulation, 2019, 28, 1454-1456.	0.4	2
65	Heart failure admissions following <sc>ST</sc> segment elevation myocardial infarction. Australian Journal of Rural Health, 2019, 27, 99-100.	1.5	2
66	Effects of lockdown on acute coronary syndrome incidence in an area without community transmission of COVID-19. Open Heart, 2021, 8, e001692.	2.3	2
67	Status of cardio-oncology in Australia in 2021: a nationwide multidisciplinary survey. Internal Medicine Journal, 2022, 52, 341-342.	0.8	2
68	Patient characteristics, short-term and long-term outcomes after incident heart failure admissions in a regional Australian setting. Open Heart, 2022, 9, e001897.	2.3	2
69	Management of the metabolic syndrome in cardiovascular disease. Current Treatment Options in Cardiovascular Medicine, 2008, 10, 27-38.	0.9	1
70	Redefining the natural history of calcific aortic stenosis: lessons from Laennec. Journal of Internal Medicine, 2012, 271, 569-572.	6.0	1
71	Elevated parathyroid hormone predicts high asymmetric dimethylarginine (ADMA) concentrations; independent of vitamin D status. European Heart Journal, 2013, 34, P613-P613.	2.2	1
72	Follistatin-like 3 is Elevated in Acute Heart Failure Patients. Heart Lung and Circulation, 2016, 25, S109-S110.	0.4	1

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73	Predicting Events in Heart Failure Patients: An Ongoing Challenge. Heart Lung and Circulation, 2019, 28, 195-197.	0.4	1
74	Investigating the efficacy of chest pressure for direct current cardioversion in atrial fibrillation: a randomised control trial protocol (Pressure-AF). Open Heart, 2021, 8, e001739.	2.3	1
75	Abstract 12622: Western Diet for One Month Impairs Myocardial Energetics and Both Systolic and Diastolic Pump Function in the Mouse Heart. Circulation, 2014, 130, .	1.6	1
76	Follistatin-like 3 Predicts Aortic Root Enlargement in Patients with Bicuspid Aortic Valve. Heart Lung and Circulation, 2016, 25, S77-S78.	0.4	0
77	Galectin 3 is Markedly Elevated in Severe Heart Failure and Predicts Improvement in LV Volumes Post Cardiac Resynchronisation Therapy. Heart Lung and Circulation, 2016, 25, S110.	0.4	0
78	Response to the letter to editor: Galectin-3 and atrial fibrillation. International Journal of Cardiology, 2017, 229, 2.	1.7	0
79	ABCB10 deletion in cardiomyocytes leads to mitochondrial dysfunction and early death. Free Radical Biology and Medicine, 2018, 128, S22.	2.9	0
80	Oxidative Stress in Heart Failure. , 2020, , 115-126.e6.		0
81	OUTCOMES OF HEART FAILURE AND ACUTE CORONARY SYNDROME IN INDIGENOUS POPULATION IN A REGIONAL AUSTRALIAN SETTING. Journal of the American College of Cardiology, 2020, 75, 3464.	2.8	0
82	1465 Adverse cardiovascular events after cancer in Queensland, Australia. International Journal of Epidemiology, 2021, 50, .	1.9	0
83	Digital Technologies to Help Delivery of Cardio-Oncology Care. Heart Lung and Circulation, 2021, 30, 1271-1273.	0.4	0
84	Adipose-targeted overexpression of mitochondrial-targeted catalase does not improve cardio-metabolic parameters in mice with diet-induced obesity. European Heart Journal, 2021, 42, .	2.2	0