

Simon W Rabkin

List of Publications by Year in descending order

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86
papers

6,745
citations

236925

25
h-index

64796

79
g-index

86
all docs

86
docs citations

86
times ranked

14680
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	Hypertension Canada's 2018 Guidelines for Diagnosis, Risk Assessment, Prevention, and Treatment of Hypertension in Adults and Children. <i>Canadian Journal of Cardiology</i> , 2018, 34, 506-525.	1.7	474
3	The 2015 Canadian Hypertension Education Program Recommendations for Blood Pressure Measurement, Diagnosis, Assessment of Risk, Prevention, and Treatment of Hypertension. <i>Canadian Journal of Cardiology</i> , 2015, 31, 549-568.	1.7	431
4	Hypertension Canada's 2016 Canadian Hypertension Education Program Guidelines for Blood Pressure Measurement, Diagnosis, Assessment of Risk, Prevention, and Treatment of Hypertension. <i>Canadian Journal of Cardiology</i> , 2016, 32, 569-588.	1.7	400
5	Hypertension Canada's 2020 Comprehensive Guidelines for the Prevention, Diagnosis, Risk Assessment, and Treatment of Hypertension in Adults and Children. <i>Canadian Journal of Cardiology</i> , 2020, 36, 596-624.	1.7	324
6	Hypertension Canada's 2017 Guidelines for Diagnosis, Risk Assessment, Prevention, and Treatment of Hypertension in Adults. <i>Canadian Journal of Cardiology</i> , 2017, 33, 557-576.	1.7	269
7	The 2014 Canadian Hypertension Education Program Recommendations for Blood Pressure Measurement, Diagnosis, Assessment of Risk, Prevention, and Treatment of Hypertension. <i>Canadian Journal of Cardiology</i> , 2014, 30, 485-501.	1.7	221
8	The Relationship Between Epicardial Fat and Indices of Obesity and the Metabolic Syndrome: A Systematic Review and Meta-Analysis. <i>Metabolic Syndrome and Related Disorders</i> , 2014, 12, 31-42.	1.3	145
9	The relationship between arterial stiffness and heart failure with preserved ejection fraction: a systemic meta-analysis. <i>Heart Failure Reviews</i> , 2015, 20, 291-303.	3.9	118
10	Palmitate-induced apoptosis in cardiomyocytes is mediated through alterations in mitochondria: prevention by cyclosporin A. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2000, 1485, 45-55.	2.4	102
11	Arterial Stiffness: Detection and Consequences in Cognitive Impairment and Dementia of the Elderly. <i>Journal of Alzheimer's Disease</i> , 2012, 32, 541-549.	2.6	79
12	The role of interleukin 18 in the pathogenesis of hypertension-induced vascular disease. <i>Nature Reviews Cardiology</i> , 2009, 6, 192-199.	13.7	74
13	Hypoxia-inducible factor 1 α (HIF1 α) as a factor mediating the relationship between obesity and heart failure with preserved ejection fraction. <i>Obesity Reviews</i> , 2019, 20, 701-712.	6.5	57
14	Effect of Lowering Diastolic Pressure in Patients With and Without Cardiovascular Disease. <i>Hypertension</i> , 2018, 71, 840-847.	2.7	51
15	Detailed analysis of the impact of age on the QT interval. <i>Journal of Geriatric Cardiology</i> , 2016, 13, 740-748.	0.2	46
16	Impact of Age and Sex on QT Prolongation in Patients Receiving Psychotropics. <i>Canadian Journal of Psychiatry</i> , 2015, 60, 206-214.	1.9	41
17	Nomenclature, categorization and usage of formulae to adjust QT interval for heart rate. <i>World Journal of Cardiology</i> , 2015, 7, 315.	1.5	38
18	Mechanisms of Action of Adrenergic Receptor Blockers on Lipids During Antihypertensive Drug Treatment. <i>Journal of Clinical Pharmacology</i> , 1993, 33, 286-291.	2.0	34

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19	A New QT Interval Correction Formulae to Adjust for Increases in Heart Rate. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 756-766.	3.2	32
20	Myocardial perfusion pressure in patients with hypertension and coronary artery disease. <i>Journal of Hypertension</i> , 2013, 31, 975-982.	0.5	31
21	Ankle-Brachial Index as an Indicator of Arterial Stiffness in Patients Without Peripheral Artery Disease. <i>Angiology</i> , 2012, 63, 150-154.	1.8	30
22	Role of neuropeptides in cardiomyopathies. <i>Peptides</i> , 2014, 61, 1-6.	2.4	29
23	Aging effects on QT interval: Implications for cardiac safety of antipsychotic drugs. <i>Journal of Geriatric Cardiology</i> , 2014, 11, 20-5.	0.2	28
24	Comparison of vascular stiffness in vascular dementia, Alzheimer dementia and cognitive impairment. <i>Blood Pressure</i> , 2011, 20, 274-283.	1.5	27
25	Increasing Prevalence of Hypertension Among Patients With Thoracic Aorta Dissection: Trends Over Eight Decades? A Structured Meta-analysis. <i>American Journal of Hypertension</i> , 2014, 27, 907-917.	2.0	26
26	Modulation of the QT interval duration in hypertension with antihypertensive treatment. <i>Hypertension Research</i> , 2015, 38, 447-454.	2.7	26
27	The utility of growth differentiation factor-15, galectin-3, and sST2 as biomarkers for the diagnosis of heart failure with preserved ejection fraction and compared to heart failure with reduced ejection fraction: a systematic review. <i>Heart Failure Reviews</i> , 2021, 26, 799-812.	3.9	24
28	Correlation of Pulse Wave Velocity with Left Ventricular Mass in Patients with Hypertension Once Blood Pressure has been Normalized. <i>Heart International</i> , 2012, 7, hi.2012.e5.	1.4	21
29	Nitric Oxide-Induced Cell Death in the Heart: The Role of Autophagy. <i>Autophagy</i> , 2007, 3, 347-349.	9.1	20
30	Gene expression and gene associations during the development of heart failure with preserved ejection fraction in the Dahl salt sensitive model of hypertension. <i>Clinical and Experimental Hypertension</i> , 2018, 40, 155-166.	1.3	20
31	Renal Denervation Therapy for the Treatment of Resistant Hypertension: A Position Statement by the Canadian Hypertension Education Program. <i>Canadian Journal of Cardiology</i> , 2014, 30, 16-21.	1.7	19
32	Inflammatory biomarkers CRP, MCP-1, serum amyloid alpha and interleukin-18 in patients with HTN and dyslipidemia: impact of diabetes mellitus on metabolic syndrome and the effect of statin therapy. <i>Hypertension Research</i> , 2013, 36, 550-558.	2.7	18
33	A new approach to the clinical subclassification of heart failure with preserved ejection fraction. <i>International Journal of Cardiology</i> , 2021, 331, 138-143.	1.7	18
34	Fumonisin blunts nitric oxide-induced and nitroprusside-induced cardiomyocyte death. <i>Nitric Oxide - Biology and Chemistry</i> , 2002, 7, 229-235.	2.7	17
35	Effect of the peptides Relaxin, Neuregulin, Ghrelin and Glucagon-like peptide-1, on cardiomyocyte factors involved in the molecular mechanisms leading to diastolic dysfunction and/or heart failure with preserved ejection fraction. <i>Peptides</i> , 2019, 111, 33-41.	2.4	17
36	The association of hypertension and aortic valve sclerosis. <i>Blood Pressure</i> , 2005, 14, 264-272.	1.5	16

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37	Sodium nitroprusside activates p38 mitogen activated protein kinase through a cGMP/PKG independent mechanism. <i>Life Sciences</i> , 2007, 81, 640-646.	4.3	15
38	Hemodynamic assessments of the ascending thoracic aortic aneurysm using fluid-structure interaction approach. <i>Medical and Biological Engineering and Computing</i> , 2018, 56, 435-451.	2.8	15
39	Considerations in Understanding the Coronary Blood Flow- Left Ventricular Mass Relationship in Patients with Hypertension. <i>Current Cardiology Reviews</i> , 2016, 13, 75-83.	1.5	14
40	Metalloporphyrins as a therapeutic drug class against peroxynitrite in cardiovascular diseases involving ischemic reperfusion injury. <i>European Journal of Pharmacology</i> , 2008, 586, 1-8.	3.5	13
41	Aortic Wall Stress in Hypertension and Ascending Thoracic Aortic Aneurysms: Implications for Antihypertensive Therapy. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2013, 20, 265-271.	2.2	13
42	Accentuating and Opposing Factors Leading to Development of Thoracic Aortic Aneurysms Not Due to Genetic or Inherited Conditions. <i>Frontiers in Cardiovascular Medicine</i> , 2015, 2, 21.	2.4	13
43	The Impact of Left Ventricular Mass on Diastolic Blood Pressure Targets for Patients With Coronary Artery Disease. <i>American Journal of Hypertension</i> , 2016, 29, 1085-1093.	2.0	13
44	Comparison of Unsupervised Machine Learning Approaches for Cluster Analysis to Define Subgroups of Heart Failure with Preserved Ejection Fraction with Different Outcomes. <i>Bioengineering</i> , 2022, 9, 175.	3.5	13
45	Electrocardiographic Abnormalities in Apparently Healthy Men and the Risk of Sudden Death. <i>Drugs</i> , 1984, 28, 28-45.	10.9	12
46	MORPHINE AND MORPHICEPTIN INCREASE THE THRESHOLD FOR EPINEPHRINE-INDUCED CARDIAC ARRHYTHMIAS IN THE RAT THROUGH BRAIN MU OPIOID RECEPTORS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1993, 20, 95-102.	1.9	11
47	Determination of the QT Interval in Left Bundle Branch Block: Development of a Novel Formula. <i>Canadian Journal of Cardiology</i> , 2019, 35, 855-865.	1.7	11
48	Effect of Amiodarone on Phospholipid Content and Composition in Heart, Lung, Kidney and Skeletal Muscle: Relationship to Alteration of Thyroid Function. <i>Pharmacology</i> , 2006, 76, 129-135.	2.2	9
49	Assessment and management of resistant hypertension. <i>Cmaj</i> , 2014, 186, E689-E697.	2.0	9
50	Jumonji is a potential regulatory factor mediating nitric oxide-induced modulation of cardiac hypertrophy. <i>Journal of Cardiovascular Medicine</i> , 2009, 10, 206-211.	1.5	8
51	Value of the New Spline QTc Formula in Adjusting for Pacing-Induced Changes in Heart Rate. <i>Cardiology Research and Practice</i> , 2018, 2018, 1-8.	1.1	8
52	Morphine and the Endogenous Opioid Dynorphin in the Brain Attenuate Digoxin-Induced Arrhythmias in Guinea Pigs. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1992, 71, 353-360.	0.0	7
53	DISCORDANCE BETWEEN THE EFFECT OF MODULATORS OF CALCIUM ON STAUROSPORINE-INDUCED APOPTOSIS AND STAUROSPORINE-INDUCED ACTIN DEGRADATION. <i>Cell Biology International</i> , 2002, 26, 433-440.	3.0	7
54	The Case Against Using Hypertension as the Only Criterion for Oral Anticoagulation in Atrial Fibrillation. <i>Canadian Journal of Cardiology</i> , 2015, 31, 576-579.	1.7	7

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55	Newer QT Correction Formulae to Correct QT for Heart Rate Changes During Exercise. American Journal of the Medical Sciences, 2016, 351, 133-139.	1.1	7
56	Is Reduction in Coronary Blood Flow the Mechanism by Which Epicardial Fat Produces Left Ventricular Diastolic Dysfunction?. Canadian Journal of Cardiology, 2017, 33, 1459-1461.	1.7	7
57	Circadian variation of the QT interval and heart rate variability and their interrelationship. Journal of Electrocardiology, 2021, 65, 18-27.	0.9	7
58	P38 MAP kinase in valve interstitial cells is activated by angiotensin II or nitric oxide/peroxynitrite, but reduced by Toll-like receptor-2 stimulation. Journal of Heart Valve Disease, 2009, 18, 653-61.	0.5	7
59	THE INTERRELATIONSHIP OF MORPHINE AND THE PARASYMPATHETIC NERVOUS SYSTEM IN DIGOXIN-INDUCED ARRHYTHMIAS IN THE GUINEA-PIG. Clinical and Experimental Pharmacology and Physiology, 1988, 15, 565-573.	1.9	6
60	Physician engagement: the Vancouver Medical Staff Association engagement charter. Clinical Medicine, 2019, 19, 278-281.	1.9	6
61	Omapatrilat enhances adrenomedullin's reduction of cardiomyocyte cell death. European Journal of Pharmacology, 2007, 562, 174-182.	3.5	5
62	Pulse Wave Velocity Involving Proximal Portions of the Aorta Correlates with the Degree of Aortic Dilatation at the Sinuses of Valsalva in Ascending Thoracic Aortic Aneurysms. Annals of Vascular Diseases, 2014, 7, 404-409.	0.5	5
63	Overcoming Obstacles to Develop High-Performance Teams Involving Physician in Health Care Organizations. Healthcare (Switzerland), 2021, 9, 1136.	2.0	5
64	The Effect of Nicotine and Tobacco on Aortic Matrix Metalloproteinases in the Production of Aortic Aneurysm. Current Vascular Pharmacology, 2016, 14, 514-522.	1.7	5
65	Differences in Coronary Blood Flow in Aortic Regurgitation and Systemic Arterial Hypertension Have Implications for Diastolic Blood Pressure Targets: A Systematic Review and Meta-Analysis. Clinical Cardiology, 2013, 36, 728-736.	1.8	4
66	Is it time to utilize measurement of arterial stiffness to identify and reduce the risk of cognitive impairment?. Journal of Clinical Hypertension, 2018, 20, 31-32.	2.0	4
67	Assessment of QT interval in ventricular paced rhythm: Derivation of a novel formula. Journal of Electrocardiology, 2019, 57, 55-62.	0.9	4
68	Aortic valve sclerosis is associated with an echocardiographically determined thinner aortic wall. Journal of Heart Valve Disease, 2006, 15, 158-64.	0.5	4
69	Criteria for short QT interval based on a new QT-heart rate adjustment formula. Journal of Arrhythmia, 2017, 33, 525-527.	1.2	3
70	The effect of exercise on the ECG criteria for early repolarization pattern. Journal of Electrocardiology, 2019, 55, 59-64.	0.9	3
71	Hypocalcemia-Induced QT Interval Prolongation. Cardiology, 2022, 147, 191-195.	1.4	3
72	Evaluating the adverse outcome of subtypes of heart failure with preserved ejection fraction defined by machine learning: A systematic review focused on defining high risk phenogroups.. EXCLI Journal, 2022, 21, 487-518.	0.7	3

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73	Heart failure with reduced ejection fraction and diastolic dysfunction (HrEFwDD): Time for a new clinical entity. <i>International Journal of Cardiology</i> , 2022, 363, 123-124.	1.7	3
74	Target blood pressure for patients with hypertension: lower blood pressure is not better. <i>Journal of the American Society of Hypertension</i> , 2016, 10, 623-624.	2.3	2
75	A patient-specific approach to assessing blood pressure management in patients with hypertension and coronary artery disease. <i>Journal of Clinical Hypertension</i> , 2018, 20, 233-239.	2.0	2
76	The Fundamental Basis of Palpitations: A Neurocardiology Approach. <i>Current Cardiology Reviews</i> , 2022, 18, .	1.5	2
77	Assessment of the QT interval in right bundle branch block. <i>Acta Cardiologica</i> , 2023, 78, 672-679.	0.9	2
78	The Effect of Amiloride on the Cardiac Chronotropic Responses to Isoproterenol in Myocardial Aggregate Cells in Culture. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1990, 67, 109-114.	0.0	1
79	Nonsustained monomorphic ventricular tachycardia following arousal from sleep after face trauma. <i>International Journal of Cardiology</i> , 2015, 181, 3-4.	1.7	1
80	The association of polymorphism in PHACTR1 rs9349379 and rs12526453 with coronary artery atherosclerosis or coronary artery calcification. A systematic review. <i>Coronary Artery Disease</i> , 2021, Publish Ahead of Print, 448-458.	0.7	1
81	Effect of exogenous CDP-choline on choline metabolism in isolated adult rat ventricular myocytes under normoxic and hypoxic conditions. <i>Cell Biochemistry and Function</i> , 1993, 11, 137-143.	2.9	0
82	Historical Biography for Translational Medicine: An Important Genre for Translational Science. <i>Frontiers in Cardiovascular Medicine</i> , 2015, 2, 9.	2.4	0
83	The Short QTc Is a Marker for the Development of Atrial Flutter and Atrial Fibrillation. <i>Cardiology Research and Practice</i> , 2020, 2020, 1-8.	1.1	0
84	Blood Pressure Variability. <i>Hypertension</i> , 2020, 75, 1161-1162.	2.7	0
85	Verapamil in the Brain Lowers Blood Pressure and Heart Rate Independent of Central Muscarinic Receptors.. <i>Hypertension Research</i> , 1993, 16, 97-103.	2.7	0
86	Serum sialic acid predicts cardiovascular mortality. <i>ACP Journal Club</i> , 1991, 114, 91.	0.1	0