

# Kim A Connelly

## List of Publications by Year in descending order

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230  
papers

8,179  
citations

41258

49  
h-index

60497

81  
g-index

232  
all docs

232  
docs citations

232  
times ranked

10288  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Empagliflozin on Left Ventricular Mass in Patients With Type 2 Diabetes Mellitus and Coronary Artery Disease. <i>Circulation</i> , 2019, 140, 1693-1702.	1.6	371
2	Transcatheter Versus Medical Treatment of Patients With Symptomatic Severe Tricuspid Regurgitation. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2998-3008.	1.2	302
3	Hyperpolarized <sup>13</sup> C Metabolic MRI of the Human Heart. <i>Circulation Research</i> , 2016, 119, 1177-1182.	2.0	296
4	Outcomes After Current Transcatheter Tricuspid Valve Intervention. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 155-165.	1.1	246
5	The (Pro)Renin Receptor. <i>Hypertension</i> , 2009, 54, 261-269.	1.3	234
6	Effect of Empagliflozin on Erythropoietin Levels, Iron Stores, and Red Blood Cell Morphology in Patients With Type 2 Diabetes Mellitus and Coronary Artery Disease. <i>Circulation</i> , 2020, 141, 704-707.	1.6	225
7	Effect of Empagliflozin on Left Ventricular Mass and Diastolic Function in Individuals With Diabetes: An Important Clue to the EMPA-REG OUTCOME Trial?. <i>Diabetes Care</i> , 2016, 39, e212-e213.	4.3	190
8	The International Multicenter TriValve Registry. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 1982-1990.	1.1	175
9	1-Year Outcomes After Edge-to-Edge Valve Repair for Symptomatic Tricuspid Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1451-1461.	1.1	160
10	A Comprehensive Echocardiographic Protocol for Assessing Neonatal Right Ventricular Dimensions and Function in the Transitional Period: Normative Data and Z Scores. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 1293-1304.	1.2	147
11	Rapid multislice imaging of hyperpolarized <sup>13</sup> C pyruvate and bicarbonate in the heart. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 1323-1331.	1.9	144
12	Sudden Cardiac Arrest during Participation in Competitive Sports. <i>New England Journal of Medicine</i> , 2017, 377, 1943-1953.	13.9	143
13	Long-Term Administration of the Histone Deacetylase Inhibitor Vorinostat Attenuates Renal Injury in Experimental Diabetes through an Endothelial Nitric Oxide Synthase-Dependent Mechanism. <i>American Journal of Pathology</i> , 2011, 178, 2205-2214.	1.9	134
14	Hyperpolarized <sup>13</sup> C magnetic resonance reveals early and late onset changes to <i>in vivo</i> pyruvate metabolism in the failing heart. <i>European Journal of Heart Failure</i> , 2013, 15, 130-140.	2.9	133
15	Canadian Cardiovascular Society Guidelines for the Diagnosis and Management of Stable Ischemic Heart Disease. <i>Canadian Journal of Cardiology</i> , 2014, 30, 837-849.	0.8	132
16	eNOS Deficiency Predisposes Podocytes to Injury in Diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 1810-1823.	3.0	124
17	Compassionate Use of the PASCAL Transcatheter Valve Repair System for Severe Tricuspid Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2488-2495.	1.1	109
18	High glucose induces Smad activation via the transcriptional coregulator p300 and contributes to cardiac fibrosis and hypertrophy. <i>Cardiovascular Diabetology</i> , 2014, 13, 89.	2.7	108

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19	Inhibition of Protein Kinase C $\alpha$ by Ruboxistaurin Preserves Cardiac Function and Reduces Extracellular Matrix Production in Diabetic Cardiomyopathy. <i>Circulation: Heart Failure</i> , 2009, 2, 129-137.	1.6	106
20	Targeted inhibition of activin receptor-like kinase 5 signaling attenuates cardiac dysfunction following myocardial infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 298, H1415-H1425.	1.5	106
21	Glucose-lowering drugs or strategies, atherosclerotic cardiovascular events, and heart failure in people with or at risk of type 2 diabetes: an updated systematic review and meta-analysis of randomised cardiovascular outcome trials. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 418-435.	5.5	105
22	Histone deacetylase inhibition attenuates diabetes-associated kidney growth: potential role for epigenetic modification of the epidermal growth factor receptor. <i>Kidney International</i> , 2011, 79, 1312-1321.	2.6	102
23	Characterizing Myocardial Edema and Hemorrhage Using Quantitative T2 and T2* Mapping at Multiple Time Intervals Post ST-Segment Elevation Myocardial Infarction. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 566-572.	1.3	98
24	Expression, Localization, and Function of the Thioredoxin System in Diabetic Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 730-741.	3.0	96
25	$\beta$ 11 integrin stimulates myofibroblast differentiation in diabetic cardiomyopathy. <i>Cardiovascular Research</i> , 2012, 96, 265-275.	1.8	93
26	Quantitative tracking of edema, hemorrhage, and microvascular obstruction in subacute myocardial infarction in a porcine model by MRI. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 1129-1141.	1.9	91
27	Empagliflozin Improves Diastolic Function in a Nondiabetic Rodent Model of Heart Failure With Preserved Ejection Fraction. <i>JACC Basic To Translational Science</i> , 2019, 4, 27-37.	1.9	79
28	Concise Review: Rational Use of Mesenchymal Stem Cells in the Treatment of Ischemic Heart Disease. <i>Stem Cells Translational Medicine</i> , 2018, 7, 543-550.	1.6	76
29	Functional, structural and molecular aspects of diastolic heart failure in the diabetic (mRen-2)27 rat. <i>Cardiovascular Research</i> , 2007, 76, 280-291.	1.8	72
30	The Histone Methyltransferase Enzyme Enhancer of Zeste Homolog 2 Protects against Podocyte Oxidative Stress and Renal Injury in Diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 2021-2034.	3.0	72
31	Long chain n-3 polyunsaturated fatty acids reduce atrial vulnerability in a novel canine pacing model. <i>Cardiovascular Research</i> , 2007, 77, 89-97.	1.8	70
32	SGLT2 Inhibition with Empagliflozin Increases Circulating Provascular Progenitor Cells in People with Type 2 Diabetes Mellitus. <i>Cell Metabolism</i> , 2019, 30, 609-613.	7.2	69
33	The SGLT2 inhibitor empagliflozin reduces mortality and prevents progression in experimental pulmonary hypertension. <i>Biochemical and Biophysical Research Communications</i> , 2020, 524, 50-56.	1.0	69
34	n-3 Polyunsaturated fatty acids alter expression of fibrotic and hypertrophic genes in a dog model of atrial cardiomyopathy. <i>Heart Rhythm</i> , 2010, 7, 520-528.	0.3	66
35	Priming of hypoxia-inducible factor by neuronal nitric oxide synthase is essential for adaptive responses to severe anemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17544-17549.	3.3	65
36	Myocardial strain imaging by cardiac magnetic resonance for detection of subclinical myocardial dysfunction in breast cancer patients receiving trastuzumab and chemotherapy. <i>International Journal of Cardiology</i> , 2018, 261, 228-233.	0.8	65

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37	Lactate topography of the human brain using hyperpolarized <sup>13</sup> C-MRI. <i>NeuroImage</i> , 2020, 204, 116202.	2.1	65
38	Sirtuin 1 activation attenuates cardiac fibrosis in a rodent pressure overload model by modifying Smad2/3 transactivation. <i>Cardiovascular Research</i> , 2018, 114, 1629-1641.	1.8	63
39	Improvement in timing and effectiveness of external cardiac compressions with a new non-invasive device: the CPR-Ezy. <i>Resuscitation</i> , 2002, 54, 63-67.	1.3	62
40	Echocardiography vs Cardiac Magnetic Resonance Imaging for the Diagnosis of Left Ventricular Thrombus: A Systematic Review. <i>Canadian Journal of Cardiology</i> , 2015, 31, 785-791.	0.8	61
41	Diabetes Induces Lysine Acetylation of Intermediary Metabolism Enzymes in the Kidney. <i>Diabetes</i> , 2014, 63, 2432-2439.	0.3	60
42	Heart Failure and Nephropathy: Catastrophic and Interrelated Complications of Diabetes. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2006, 1, 193-208.	2.2	58
43	Dipeptidyl peptidase-4 inhibitors and the risk of heart failure: a systematic review and meta-analysis. <i>CMAJ Open</i> , 2017, 5, E152-E177.	1.1	57
44	DPP-4 Inhibition Attenuates Cardiac Dysfunction and Adverse Remodeling Following Myocardial Infarction in Rats with Experimental Diabetes. <i>Cardiovascular Therapeutics</i> , 2013, 31, 259-267.	1.1	56
45	Heart Failure With Preserved Ejection Fraction in Diabetes: Mechanisms and Management. <i>Canadian Journal of Cardiology</i> , 2018, 34, 632-643.	0.8	56
46	Mechanistic insights regarding the role of SGLT2 inhibitors and GLP1 agonist drugs on cardiovascular disease in diabetes. <i>Progress in Cardiovascular Diseases</i> , 2019, 62, 349-357.	1.6	56
47	Culture-Modified Bone Marrow Cells Attenuate Cardiac and Renal Injury in a Chronic Kidney Disease Rat Model via a Novel Antifibrotic Mechanism. <i>PLoS ONE</i> , 2010, 5, e9543.	1.1	55
48	Role of integrins in mediating cardiac fibroblast-cardiomyocyte cross talk: a dynamic relationship in cardiac biology and pathophysiology. <i>Basic Research in Cardiology</i> , 2017, 112, 6.	2.5	55
49	Trilast attenuates diastolic dysfunction and structural injury in experimental diabetic cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H2860-H2869.	1.5	54
50	Value of Echocardiographic Right Ventricular and Pulmonary Pressure Assessment in Predicting Transcatheter Tricuspid Repair Outcome. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1251-1261.	1.1	52
51	Optimizing the language and format of guidelines to improve guideline uptake. <i>Cmaj</i> , 2016, 188, E362-E368.	0.9	51
52	Left Ventricular Function in Healthy Term Neonates During the Transitional Period. <i>Journal of Pediatrics</i> , 2017, 182, 197-203.e2.	0.9	51
53	Empagliflozin Reduces Myocardial Extracellular Volume in Patients With Type 2 Diabetes and Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1164-1173.	2.3	51
54	COVID-19 Myocarditis and Return to Play: Reflections and Recommendations From a Canadian Working Group. <i>Canadian Journal of Cardiology</i> , 2021, 37, 1165-1174.	0.8	49

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55	Canadian Cardiovascular Society/Canadian Association of Interventional Cardiology/Canadian Society of Cardiac Surgery Position Statement on Revascularization of Multivessel Coronary Artery Disease. Canadian Journal of Cardiology, 2014, 30, 1482-1491.	0.8	48
56	Longitudinal assessment of right ventricular structure and function by cardiovascular magnetic resonance in breast cancer patients treated with trastuzumab: a prospective observational study. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 44.	1.6	46
57	Transcatheter Edge-to-Edge Tricuspid Repair for Severe Tricuspid Regurgitation Reduces Hospitalizations for Heart Failure. JACC: Heart Failure, 2020, 8, 265-276.	1.9	44
58	Cardiovascular Implications of Hypoglycemia in Diabetes Mellitus. Circulation, 2015, 132, 2345-2350.	1.6	42
59	Sirtuin 1 Activation Reduces Transforming Growth Factor- $\beta$ 1-Induced Fibrogenesis and Affords Organ Protection in a Model of Progressive, Experimental Kidney and Associated Cardiac Disease. American Journal of Pathology, 2017, 187, 80-90.	1.9	42
60	Load-independent effects of empagliflozin contribute to improved cardiac function in experimental heart failure with reduced ejection fraction. Cardiovascular Diabetology, 2020, 19, 13.	2.7	42
61	Survivin gene therapy attenuates left ventricular systolic dysfunction in doxorubicin cardiomyopathy by reducing apoptosis and fibrosis. Cardiovascular Research, 2014, 101, 423-433.	1.8	41
62	Effect of Heart Rate on Tissue Doppler Measures of Diastolic Function. Echocardiography, 2007, 24, 697-701.	0.3	40
63	SDF-1/CXCR4 Signaling Preserves Microvascular Integrity and Renal Function in Chronic Kidney Disease. PLoS ONE, 2014, 9, e92227.	1.1	39
64	Suppression of NLRP3 Inflammasome Activation Ameliorates Chronic Kidney Disease-Induced Cardiac Fibrosis and Diastolic Dysfunction. Scientific Reports, 2016, 6, 39551.	1.6	39
65	Cardiac Overexpression of S100A6 Attenuates Cardiomyocyte Apoptosis and Reduces Infarct Size After Myocardial Ischemia-Reperfusion. Journal of the American Heart Association, 2017, 6, .	1.6	39
66	The cardiac (pro)renin receptor is primarily expressed in myocyte transverse tubules and is increased in experimental diabetic cardiomyopathy. Journal of Hypertension, 2011, 29, 1175-1184.	0.3	37
67	The $\alpha$ 11 integrin mediates fibroblast-extracellular matrix-cardiomyocyte interactions in health and disease. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H96-H106.	1.5	36
68	Quantitative magnetic resonance imaging can distinguish remodeling mechanisms after acute myocardial infarction based on the severity of ischemic insult. Magnetic Resonance in Medicine, 2013, 70, 1095-1105.	1.9	34
69	Glycated Collagen Induces $\alpha$ 11 Integrin Expression Through TGF $\beta$ 2 and Smad3. Journal of Cellular Physiology, 2015, 230, 327-336.	2.0	34
70	Can Quantitative CMR Tissue Characterization Adequately Identify Cardiotoxicity During Chemotherapy?. JACC: Cardiovascular Imaging, 2020, 13, 951-962.	2.3	34
71	Cardiac Fibrosis: Key Role of Integrins in Cardiac Homeostasis and Remodeling. Cells, 2021, 10, 770.	1.8	34
72	Early-Outgrowth Bone Marrow Cells Attenuate Renal Injury and Dysfunction via an Antioxidant Effect in a Mouse Model of Type 2 Diabetes. Diabetes, 2012, 61, 2114-2125.	0.3	32

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73	Dual inhibition of sodium-glucose linked cotransporters 1 and 2 exacerbates cardiac dysfunction following experimental myocardial infarction. <i>Cardiovascular Diabetology</i> , 2018, 17, 99.	2.7	32
74	MiR-30 promotes fatty acid beta-oxidation and endothelial cell dysfunction and is a circulating biomarker of coronary microvascular dysfunction in pre-clinical models of diabetes. <i>Cardiovascular Diabetology</i> , 2022, 21, 31.	2.7	31
75	Potential clinical impact of cardiovascular magnetic resonance assessment of ejection fraction on eligibility for cardioverter defibrillator implantation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, 69.	1.6	30
76	Cardiac computed tomography and magnetic resonance imaging vs. transoesophageal echocardiography for diagnosing left atrial appendage thrombi. <i>Europace</i> , 2019, 21, e1-e10.	0.7	29
77	12-Month outcomes of transcatheter tricuspid valve repair with the PASCAL system for severe tricuspid regurgitation. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 1281-1289.	0.7	29
78	Fluorescent Microangiography Is a Novel and Widely Applicable Technique for Delineating the Renal Microvasculature. <i>PLoS ONE</i> , 2011, 6, e24695.	1.1	29
79	Metoprolol impairs resistance artery function in mice. <i>Journal of Applied Physiology</i> , 2011, 111, 1125-1133.	1.2	28
80	Correlation of late gadolinium enhancement MRI and quantitative T2 measurement in cardiac sarcoidosis. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 609-616.	1.9	28
81	Dipeptidyl peptidase-4 inhibition improves cardiac function in experimental myocardial infarction: Role of stromal cell-derived factor-1. <i>Journal of Diabetes</i> , 2016, 8, 63-75.	0.8	28
82	Long-term tracking of bone marrow progenitor cells following intracoronary injection post-myocardial infarction in swine using MRI. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H125-H133.	1.5	26
83	Comparative Assessment of 2-Dimensional Echocardiography vs Cardiac Magnetic Resonance Imaging in Measuring Left Ventricular Mass in Patients With and Without End-Stage Renal Disease. <i>Canadian Journal of Cardiology</i> , 2013, 29, 384-390.	0.8	25
84	Diabetes for Cardiologists: Practical Issues in Diagnosis and Management. <i>Canadian Journal of Cardiology</i> , 2017, 33, 366-377.	0.8	25
85	Blood Pressure Management in Adults With Type 2 Diabetes: Insights From the Diabetes Mellitus Status in Canada (DM-SCAN) Survey. <i>Canadian Journal of Diabetes</i> , 2018, 42, 130-137.	0.4	25
86	Automated quantification of myocardial infarction using graph cuts on contrast delayed enhanced magnetic resonance images. <i>Quantitative Imaging in Medicine and Surgery</i> , 2012, 2, 81-6.	1.1	25
87	Multicontrast late gadolinium enhancement imaging enables viability and wall motion assessment in a single acquisition with reduced scan times. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 771-777.	1.9	24
88	Treatment of Diabetes in People With Heart Failure. <i>Canadian Journal of Diabetes</i> , 2018, 42, S196-S200.	0.4	24
89	Cardiovascular magnetic resonance left ventricular strain in end-stage renal disease patients after kidney transplantation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 83.	1.6	24
90	Early diastolic strain rate measurements by cardiac MRI in breast cancer patients treated with trastuzumab: a longitudinal study. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 653-662.	0.7	24

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91	3,4-Dihydroxyflavonol Antioxidant Attenuates Diastolic Dysfunction and Cardiac Remodeling in Streptozotocin-Induced Diabetic m(Ren2)27 Rats. PLoS ONE, 2011, 6, e22777.	1.1	23
92	Docosahexaenoic Acid, but Not Eicosapentaenoic Acid, Supplementation Reduces Vulnerability to Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2012, 5, 978-983.	2.1	23
93	Early outgrowth cells release soluble endocrine antifibrotic factors that reduce progressive organ fibrosis. Stem Cells, 2013, 31, 2408-2419.	1.4	23
94	Can We DECLARE a Victory against Cardio-Renal Disease in Diabetes?. Cell Metabolism, 2018, 28, 813-815.	7.2	23
95	Angiotensin II and the Cardiac Complications of Diabetes Mellitus. Current Pharmaceutical Design, 2007, 13, 2721-2729.	0.9	22
96	Myocardial BOLD imaging at 3 T using quantitative $T_2^*$ : Application in a myocardial infarct model. Magnetic Resonance in Medicine, 2011, 66, 1739-1747.	1.9	22
97	CXCR4 Promotes Renal Tubular Cell Survival in Male Diabetic Rats: Implications for Ligand Inactivation in the Human Kidney. Endocrinology, 2015, 156, 1121-1132.	1.4	22
98	Experimental Right Ventricular Hypertension Induces Regional $\beta_1$ -Integrin-Mediated Transduction of Hypertrophic and Profibrotic Right and Left Ventricular Signaling. Journal of the American Heart Association, 2018, 7, .	1.6	22
99	The impact of empagliflozin on kidney injury molecule-1: a subanalysis of the Effects of Empagliflozin on Cardiac Structure, Function, and Circulating Biomarkers in Patients with Type 2 Diabetes CardioLink-6 trial. Nephrology Dialysis Transplantation, 2020, 35, 895-897.	0.4	22
100	Protein kinase C- $\alpha$ inhibition attenuates the progression of nephropathy in non-diabetic kidney disease. Nephrology Dialysis Transplantation, 2009, 24, 1782-1790.	0.4	21
101	Multi-contrast late enhancement CMR determined gray zone and papillary muscle involvement predict appropriate ICD therapy in patients with ischemic heart disease. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 57.	1.6	21
102	Natural history of severe tricuspid regurgitation: Outcomes after transcatheter tricuspid valve intervention compared to medical therapy. International Journal of Cardiology, 2020, 320, 49-54.	0.8	21
103	Automatic functional analysis of left ventricle in cardiac cine MRI. Quantitative Imaging in Medicine and Surgery, 2013, 3, 200-9.	1.1	21
104	Thrombus aspiration during primary percutaneous coronary intervention is associated with reduced myocardial edema, hemorrhage, microvascular obstruction and left ventricular remodeling. Journal of Cardiovascular Magnetic Resonance, 2012, 14, 17.	1.6	20
105	Cardiovascular Effects of Incretins in Diabetes. Canadian Journal of Diabetes, 2013, 37, 309-314.	0.4	20
106	Mesenchymal stromal cells improve cardiac function and left ventricular remodeling in a heart transplantation model. Journal of Heart and Lung Transplantation, 2015, 34, 1481-1488.	0.3	19
107	OUTSMART HF. Circulation, 2020, 141, 818-827.	1.6	19
108	Characterization of the ultrashort-TE (UTE) MR collagen signal. NMR in Biomedicine, 2015, 28, 1236-1244.	1.6	18



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109	Effects of Empagliflozin on Left Ventricular Remodeling in Patients with Type 2 Diabetes and Coronary Artery Disease: Echocardiographic Substudy of the EMPA-HEART CardioLink-6 Randomized Clinical Trial. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 644-646.	1.2	18
110	Evaluation of echocardiography indices of systolic function: a comparative study using pressure-volume loops in patients undergoing coronary artery bypass surgery. <i>Anaesthesia</i> , 2007, 62, 109-116.	1.8	17
111	N-3 polyunsaturated fatty acid supplementation does not reduce vulnerability to atrial fibrillation in remodeling atria. <i>Heart Rhythm</i> , 2012, 9, 1115-1122.e4.	0.3	17
112	Diabetes is an independent predictor of right ventricular dysfunction post ST-elevation myocardial infarction. <i>Cardiovascular Diabetology</i> , 2016, 15, 34.	2.7	16
113	Therapeutic hypercapnia prevents inhaled nitric oxide-induced right-ventricular systolic dysfunction in juvenile rats. <i>Free Radical Biology and Medicine</i> , 2014, 69, 35-49.	1.3	15
114	Experimental studies of atrial fibrillation: a comparison of two pacing models. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H1206-H1215.	1.5	14
115	Papillary muscle involvement in myocardial infarction: Initial results using multicontrast late-enhancement MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 211-216.	1.9	14
116	Comparison of the Frequencies of Myocardial Edema Determined by Cardiac Magnetic Resonance in Diabetic Versus Nondiabetic Patients Having Percutaneous Coronary Intervention for ST Elevation Myocardial Infarction. <i>American Journal of Cardiology</i> , 2014, 113, 607-612.	0.7	14
117	Glycaemic control and cardiovascular risk factor management in patients with diabetes with and without coronary artery disease: insights from the diabetes mellitus status in Canada survey. <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , 2016, 2, 277-284.	1.8	14
118	Left ventricular structure and diastolic function by cardiac magnetic resonance imaging in hypertrophic cardiomyopathy. <i>Indian Heart Journal</i> , 2018, 70, 75-81.	0.2	14
119	Excessive exercise in endurance athletes: Is atrial fibrillation a possible consequence?. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 973-976.	0.9	14
120	Does empagliflozin modulate the autonomic nervous system among individuals with type 2 diabetes and coronary artery disease? The EMPA-HEART CardioLink-6 Holter analysis. <i>Metabolism Open</i> , 2020, 7, 100039.	1.4	14
121	First Report of Hypersensitivity to Ticagrelor. <i>Canadian Journal of Cardiology</i> , 2014, 30, 957.e3-957.e4.	0.8	13
122	Impact of sodium glucose linked cotransporter-2 inhibition on renal microvascular oxygen tension in a rodent model of diabetes mellitus. <i>Physiological Reports</i> , 2021, 9, e14890.	0.7	13
123	The Effect of Percutaneous Coronary Intervention of Chronically Totally Occluded Coronary Arteries on Left Ventricular Global and Regional Systolic Function. <i>Canadian Journal of Cardiology</i> , 2013, 29, 1436-1442.	0.8	12
124	Combination Angiotensin Converting Enzyme and Direct Renin Inhibition in Heart Failure following Experimental Myocardial Infarction. <i>Cardiovascular Therapeutics</i> , 2013, 31, 84-91.	1.1	12
125	Role of the eNOS-NO System in Regulating the Antiproteinuric Effects of VEGF Receptor 2 Inhibition in Diabetes. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	12
126	Perioperative Applications of Deformation (Myocardial Strain) Imaging With Speckle-Tracking Echocardiography. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 128-140.	0.6	12



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127	Empagliflozin Disrupts a Tnfrsf12a-Mediated Feed Forward Loop That Promotes Left Ventricular Hypertrophy. <i>Cardiovascular Drugs and Therapy</i> , 2022, 36, 619-632.	1.3	12
128	Impaired cardiac anti-oxidant activity in diabetes: human and correlative experimental studies. <i>Acta Diabetologica</i> , 2014, 51, 771-782.	1.2	11
129	Evolution of right ventricular function post-acute ST elevation myocardial infarction. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 709-714.	1.9	10
130	Relationships Between Left Ventricular Structure and Function According to Cardiac MRI and Cardiac Biomarkers in End-Stage Renal Disease. <i>Canadian Journal of Cardiology</i> , 2017, 33, 501-507.	0.8	10
131	Serial Measurements of Left Ventricular Systolic and Diastolic Function by Cardiac Magnetic Resonance Imaging in Patients with Early Stage Breast Cancer on Trastuzumab. <i>American Journal of Cardiology</i> , 2019, 123, 1173-1179.	0.7	10
132	The role of sodium glucose cotransporter-2 (SGLT-2) inhibitors in heart failure and chronic kidney disease in type 2 diabetes. <i>Current Medical Research and Opinion</i> , 2019, 35, 1283-1295.	0.9	10
133	How Diabetes and Heart Failure Modulate Each Other and Condition Management. <i>Canadian Journal of Cardiology</i> , 2021, 37, 595-608.	0.8	10
134	Exercise in hypertrophic cardiomyopathy: restrict or rethink. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H2101-H2111.	1.5	10
135	2021 Update on Safety of Magnetic Resonance Imaging: Joint Statement From Canadian Cardiovascular Society/Canadian Society for Cardiovascular Magnetic Resonance/Canadian Heart Rhythm Society. <i>Canadian Journal of Cardiology</i> , 2021, 37, 835-847.	0.8	10
136	Left Ventricular Fibrosis in Middle-Age Athletes and Physically Active Adults. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 2500-2507.	0.2	10
137	Impact of empagliflozin on right ventricular parameters and function among patients with type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2021, 20, 200.	2.7	10
138	An unusual cause of heart failure identified by echocardiography in an octogenarian. <i>European Journal of Heart Failure</i> , 2005, 7, 99-102.	2.9	9
139	Comparative Feasibility of Myocardial Velocity and Strain Measurements Using 2 Different Methods With Transesophageal Echocardiography During Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2011, 25, 216-220.	0.6	9
140	<scp>eNOS</scp> Overexpressing Bone Marrow Cells are Safe and Effective in a Porcine Model of Myocardial Regeneration Following Acute Myocardial Infarction. <i>Cardiovascular Therapeutics</i> , 2013, 31, e72-8.	1.1	9
141	Rho Kinase Mediates Right Ventricular Systolic Dysfunction in Rats with Chronic Neonatal Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 52, 717-727.	1.4	9
142	Assessment of the longitudinal changes in infarct heterogeneity post myocardial infarction. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 198.	0.7	9
143	Reduction in the incidence of myocardial infarction with sodium-glucose linked cotransporter-2 inhibitors: evident and plausible. <i>Cardiovascular Diabetology</i> , 2019, 18, 6.	2.7	9
144	Computed tomography coronary angiography for patients with heart failure (CTA-HF): a randomized controlled trial (IMAGE-HF 1C). <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 1083-1090.	0.5	9

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