

Kim A Connelly

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2888847/kim-a-connelly-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

209
papers

5,608
citations

42
h-index

67
g-index

232
ext. papers

7,063
ext. citations

5.3
avg, IF

5.66
L-index

#	Paper	IF	Citations
209	Wnt is coming: A role for serum Wnt2 and 4 in fibrotic remodeling following acute myocardial infarction.. <i>EBioMedicine</i> , 2022 , 77, 103877	8.8	
208	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	8.7	3
207	Repeated endo-tracheal tube disconnection generates pulmonary edema in a model of volume overload: an experimental study.. <i>Critical Care</i> , 2022 , 26, 47	10.8	0
206	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	4.1	4
205	Myocardial strain assessment using cardiovascular magnetic resonance imaging in recipients of implantable cardioverter defibrillators. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021 , 23, 115	6.9	
204	Impact of empagliflozin on right ventricular parameters and function among patients with type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2021 , 20, 200	8.7	0
203	Pannexin 1-a novel regulator of acute hypoxic pulmonary vasoconstriction. <i>Cardiovascular Research</i> , 2021 ,	9.9	2
202	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	3.8	16
201	Effect of Empagliflozin and Liraglutide on the Nucleotide-Binding and Oligomerization Domain-Like Receptor Family Pyrin Domain-Containing 3 Inflammasome in a Rodent Model of Type 2 Diabetes Mellitus. <i>Canadian Journal of Diabetes</i> , 2021 , 45, 553-556	2.1	1
200	Cardiac Fibrosis: Key Role of Integrins in Cardiac Homeostasis and Remodeling. <i>Cells</i> , 2021 , 10,	7.9	7
199	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	2.7	8
198	Empagliflozin Disrupts a Tnfrsf12a-Mediated Feed Forward Loop That Promotes Left Ventricular Hypertrophy. <i>Cardiovascular Drugs and Therapy</i> , 2021 , 1	3.9	1
197	Evaluating the 12-Lead Electrocardiogram for Diagnosing ARVC in Young Populations: Implications for Preparticipation Screening of Athletes. <i>CJC Open</i> , 2021 , 3, 498-503	2	0
196	Suspected subclinical myocarditis detected by cardiac magnetic resonance imaging late post COVID-19 recovery. <i>Journal of Cardiology Cases</i> , 2021 , 24, 203-205	0.6	3
195	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	2.6	2
194	The Goto Kakizaki rat: Impact of age upon changes in cardiac and renal structure, function. <i>PLoS ONE</i> , 2021 , 16, e0252711	3.7	0
193	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	3.8	1

192	Empagliflozin Reduces Myocardial Extracellular Volume in Patients With Type 2 Diabetes and Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1164-1173	8.4	18
191	A Novel Arrhythmogenic Right Ventricular Cardiomyopathy (ARVC) Biomarker-Anti-DSG2-Is Absent in Athletes With Right Ventricular Enlargement.. <i>CJC Open</i> , 2021 , 3, 1413-1418	2	0
190	Late intervention in the remnant kidney model attenuates proteinuria but not glomerular filtration rate decline. <i>Nephrology</i> , 2021 , 26, 270-279	2.2	0
189	How Diabetes and Heart Failure Modulate Each Other and Condition Management. <i>Canadian Journal of Cardiology</i> , 2021 , 37, 595-608	3.8	7
188	Comparison of transcatheter tricuspid valve repair using the MitraClip NTR and XTR systems. <i>International Journal of Cardiology</i> , 2021 , 327, 156-162	3.2	3
187	Renal microvascular oxygen tension during hyperoxia and acute hemodilution assessed by phosphorescence quenching and excitation with blue and red light. <i>Canadian Journal of Anaesthesia</i> , 2021 , 68, 214-225	3	2
186	Cardiac remodeling in middle-aged endurance athletes: relation between signal-averaged electrocardiogram and LV mass. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 320, H316-H322	5.2	0
185	Evaluation of left atrial remodeling in kidney transplant patients using cardiac magnetic resonance imaging. <i>Journal of Nephrology</i> , 2021 , 34, 851-859	4.8	2
184	Cardiac MRI assessment of the right ventricle pre-and post-kidney transplant. <i>International Journal of Cardiovascular Imaging</i> , 2021 , 37, 1757-1766	2.5	0
183	Renal Recovery after Transcatheter Mitral and Tricuspid Valve Repair in Patients with Dialysis-Dependent Cardiorenal Syndrome. <i>Structural Heart</i> , 2021 , 5, 218-220	0.6	
182	Right Ventricular Function at Cardiac MRI Predicts Cardiovascular Events in Patients with an Implantable Cardioverter-Defibrillator. <i>Radiology</i> , 2021 , 301, 322-329	20.5	1
181	Atrial structure and function in middle-aged, physically-active males and females: A cardiac magnetic resonance study. <i>Clinical Cardiology</i> , 2021 , 44, 1467-1474	3.3	1
180	Mitral repair with leaflet preservation versus leaflet resection and ventricular reverse remodeling from a randomized trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 ,	1.5	1
179	The effects of saxagliptin on cardiac structure and function using cardiac MRI (SCARF). <i>Acta Diabetologica</i> , 2021 , 58, 633-641	3.9	
178	Value of Echocardiographic Right Ventricular and Pulmonary Pressure Assessment in Predicting Transcatheter Tricuspid Repair Outcome. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1251-1261	5	24
177	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	18.1	59
176	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. <i>Nephrology Dialysis Transplantation</i> , 2020 , 35, 895-897	4.3	12
175	Renal tissue Po sensing during acute hemodilution is dependent on the diluent. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020 , 318, R799-R812	3.2	5

174	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	5.8	10
173	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	2.8	9
172	Load-independent effects of empagliflozin contribute to improved cardiac function in experimental heart failure with reduced ejection fraction. <i>Cardiovascular Diabetology</i> , 2020 , 19, 13	8.7	23
171	The SGLT2 inhibitor empagliflozin reduces mortality and prevents progression in experimental pulmonary hypertension. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 524, 50-56	3.4	31
170	Transcatheter Edge-to-Edge Tricuspid Repair for Severe Tricuspid Regurgitation Reduces Hospitalizations for Heart Failure. <i>JACC: Heart Failure</i> , 2020 , 8, 265-276	7.9	19
169	Left Ventricular Fibrosis in Middle-Age Athletes and Physically Active Adults. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 2500-2507	1.2	6
168	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	16.7	115
167	OUTSMART HF: A Randomized Controlled Trial of Routine Versus Selective Cardiac Magnetic Resonance for Patients With Nonischemic Heart Failure (IMAGE-HF 1B). <i>Circulation</i> , 2020 , 141, 818-827	16.7	11
166	Can Quantitative CMR Tissue Characterization Adequately Identify Cardiotoxicity During Chemotherapy?: Impact of Temporal and Observer Variability. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 951-962	8.4	12
165	Cardiac MRI measurements of pericardial adipose tissue volumes in patients on in-centre nocturnal hemodialysis. <i>Journal of Nephrology</i> , 2020 , 33, 355-363	4.8	4
164	Cardiac Remodeling in Middle-Aged Endurance Athletes and Recreationally Active Individuals: Challenges in Defining the "Athlete's Heart". <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 247-249	5.8	4
163	Sodium-glucose cotransporter 2 inhibitors and type 2 diabetes: clinical pearls for in-hospital initiation, in-hospital management, and postdischarge. <i>Current Opinion in Cardiology</i> , 2020 , 35, 178-186	2.1	2
162	Natural history of severe tricuspid regurgitation: Outcomes after transcatheter tricuspid valve intervention compared to medical therapy. <i>International Journal of Cardiology</i> , 2020 , 320, 49-54	3.2	7
161	Sodium-glucose cotransporter 2 inhibitors at the intersection of cardiovascular, renal and metabolic care: an integrated and multidisciplinary approach to patient-centered care. <i>Current Opinion in Cardiology</i> , 2020 , 35, 589-601	2.1	
160	Stress cardiac MRI in stable coronary artery disease. <i>Current Opinion in Cardiology</i> , 2020 , 35, 566-573	2.1	0
159	Natural History of Left Ventricular Thrombi in Patients with Cardiomyopathy. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 1158-1159	5.8	1
158	Lactate topography of the human brain using hyperpolarized C-MRI. <i>NeuroImage</i> , 2020 , 204, 116202	7.9	31
157	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	8.5	33

156	Effect of Empagliflozin on Left Ventricular Mass in Patients With Type 2 Diabetes Mellitus and Coronary Artery Disease: The EMPA-HEART CardioLink-6 Randomized Clinical Trial. <i>Circulation</i> , 2019 , 140, 1693-1702	16.7	205
155	SGLT2 Inhibition with Empagliflozin Increases Circulating Provascular Progenitor Cells in People with Type 2 Diabetes Mellitus. <i>Cell Metabolism</i> , 2019 , 30, 609-613	24.6	36
154	Transcatheter Versus Medical Treatment of Patients With Symptomatic Severe Tricuspid Regurgitation. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 2998-3008	15.1	127
153	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	3	6
152	Evaluating a novel free-breathing accelerated cardiac MRI cine sequence in patients with cardiomyopathy. <i>Magnetic Resonance Imaging</i> , 2019 , 61, 260-266	3.3	5
151	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	8.7	49
150	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	2.5	7
149	Cardiac computed tomography and magnetic resonance imaging vs. transoesophageal echocardiography for diagnosing left atrial appendage thrombi. <i>Europace</i> , 2019 , 21, e1-e10	3.9	17
148	1-Year Outcomes After Edge-to-Edge Valve Repair for Symptomatic Tricuspid Regurgitation: Results From the TriValve Registry. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 1451-1461	5	74
147	A Physician Education Tool to Improve Appropriate Use Criteria for Stress Echocardiography: Long-Term Follow-Up of a Single-Center Study. <i>Journal of the American Society of Echocardiography</i> , 2019 , 32, 1255-1257	5.8	1
146	CMR and Tissue Characterization: Don't Forget the Strain!. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 3359	15.1	
145	Use of the Valve Visualization on Echocardiography Grade Tool Improves Sensitivity and Negative Predictive Value of Transthoracic Echocardiogram for Exclusion of Native Valvular Vegetation. <i>Journal of the American Society of Echocardiography</i> , 2019 , 32, 1551-1557.e1	5.8	1
144	Compassionate Use of the PASCAL Transcatheter Valve Repair System for Severe Tricuspid Regurgitation: A Multicenter, Observational, First-in-Human Experience. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 2488-2495	5	55
143	Clinical application of echocardiographic-derived myocardial strain imaging in subclinical disease: a primer for cardiologists. <i>Current Opinion in Cardiology</i> , 2019 , 34, 147-155	2.1	1
142	Outcomes After Current Transcatheter Tricuspid Valve Intervention: Mid-Term Results From the International TriValve Registry. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 155-165	5	141
141	Transfemoral mitral valve-in-valve implantation for prosthetic mitral regurgitation. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 485	4.1	
140	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	2.5	12
139	Reduction in the incidence of myocardial infarction with sodium-glucose linked cotransporter-2 inhibitors: evident and plausible. <i>Cardiovascular Diabetology</i> , 2019 , 18, 6	8.7	3

138	Appropriate utilization of cardiac magnetic resonance for the assessment of heart failure and potential associated cost savings. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 49, e132-e138	5.6	1
137	Heart Failure With Preserved Ejection Fraction in Diabetes: Mechanisms and Management. <i>Canadian Journal of Cardiology</i> , 2018 , 34, 632-643	3.8	41
136	Treatment of Diabetes in People With Heart Failure. <i>Canadian Journal of Diabetes</i> , 2018 , 42 Suppl 1, S196-S200	5.17	17
135	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	6.9	50
134	The State of Cardiovascular Magnetic Resonance Imaging in Canada: Results from the CanSCMR Pan-Canadian Survey. <i>Canadian Journal of Cardiology</i> , 2018 , 34, 333-336	3.8	3
133	Experimental Right Ventricular Hypertension Induces Regional β -Integrin-Mediated Transduction of Hypertrophic and Profibrotic Right and Left Ventricular Signaling. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	15
132	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	3.2	40
131	Left ventricular structure and diastolic function by cardiac magnetic resonance imaging in hypertrophic cardiomyopathy. <i>Indian Heart Journal</i> , 2018 , 70, 75-81	1.6	7
130	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	2.1	8
129	Dual inhibition of sodium-glucose linked cotransporters 1 and 2 exacerbates cardiac dysfunction following experimental myocardial infarction. <i>Cardiovascular Diabetology</i> , 2018 , 17, 99	8.7	21
128	CardioDiabetes: Core Competencies for Cardiovascular Clinicians in a Rapidly Evolving Era of Type 2 Diabetes Management. <i>Canadian Journal of Cardiology</i> , 2018 , 34, 1350-1361	3.8	2
127	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	6.9	13
126	Validation of billing code combinations to identify cardiovascular magnetic resonance imaging scans in Ontario, Canada: a retrospective cohort study. <i>BMJ Open</i> , 2018 , 8, e021370	3	1
125	Can We DECLARE a Victory against Cardio-Renal Disease in Diabetes?. <i>Cell Metabolism</i> , 2018 , 28, 813-815	4.6	16
124	The Dipeptidyl Peptidase 4 Substrate CXCL12 Has Opposing Cardiac Effects in Young Mice and Aged Diabetic Mice Mediated by Ca Flux and Phosphoinositide 3-Kinase β . <i>Diabetes</i> , 2018 , 67, 2443-2455	0.9	5
123	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	9.9	42
122	Excessive exercise in endurance athletes: Is atrial fibrillation a possible consequence?. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018 , 43, 973-976	3	7
121	Cardiac MRI and radionuclide ventriculography for measurement of left ventricular ejection fraction in ICD candidates. <i>Magnetic Resonance Imaging</i> , 2018 , 52, 69-74	3.3	2

120	Experimental assessment of oxygen homeostasis during acute hemodilution: the integrated role of hemoglobin concentration and blood pressure. <i>Intensive Care Medicine Experimental</i> , 2017 , 5, 12	3.7	6
119	Cardiac Overexpression of S100A6 Attenuates Cardiomyocyte Apoptosis and Reduces Infarct Size After Myocardial Ischemia-Reperfusion. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	23
118	Longitudinal assessment of right ventricular structure and function by cardiovascular magnetic resonance in breast cancer patients treated with trastuzumab: a prospective observational study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2017 , 19, 44	6.9	31
117	Echocardiographic Assessment of Young Male Draft-Eligible Elite Hockey Players Invited to the Medical and Fitness Combine by the National Hockey League. <i>American Journal of Cardiology</i> , 2017 , 119, 2088-2092	3	2
116	A Practical Guide to the Use of Glucose-Lowering Agents With Cardiovascular Benefit or Proven Safety. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 940-942	3.8	4
115	Dipeptidyl peptidase-4 inhibitors and the risk of heart failure: a systematic review and meta-analysis. <i>CMAJ Open</i> , 2017 , 5, E152-E177	2.5	47
114	Relationship between right and left ventricular function in candidates for implantable cardioverter defibrillator with low left ventricular ejection fraction. <i>Journal of Arrhythmia</i> , 2017 , 33, 134-138	1.5	2
113	Left Ventricular Function in Healthy Term Neonates During the Transitional Period. <i>Journal of Pediatrics</i> , 2017 , 182, 197-203.e2	3.6	32
112	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	3.8	10
111	Relationship between changes in blood pressure and left ventricular mass over 1 year in end-stage renal disease. <i>Journal of Hypertension</i> , 2017 , 35, 1709-1716	1.9	7
110	Design of the Magnetic Resonance Imaging Evaluation of Mineralocorticoid Receptor Antagonism in Diabetic Atherosclerosis (MAGMA) Trial. <i>Clinical Cardiology</i> , 2017 , 40, 633-640	3.3	6
109	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	11.8	38
108	Sirtuin 1 Activation Reduces Transforming Growth Factor- β -Induced Fibrogenesis and Affords Organ Protection in a Model of Progressive, Experimental Kidney and Associated Cardiac Disease. <i>American Journal of Pathology</i> , 2017 , 187, 80-90	5.8	30
107	The International Multicenter TriValveRegistry: Which Patients Are Undergoing Transcatheter Tricuspid Repair?. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 1982-1990	5	120
106	Sudden Cardiac Arrest during Participation in Competitive Sports. <i>New England Journal of Medicine</i> , 2017 , 377, 1943-1953	59.2	91
105	Diabetes for Cardiologists: Practical Issues in Diagnosis and Management. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 366-377	3.8	19
104	Controversies in quantification of mitral valve regurgitation: role of cardiac magnetic resonance imaging. <i>Current Opinion in Cardiology</i> , 2017 , 32, 152-160	2.1	2
103	Hyperpolarized ^{13}C Metabolic MRI of the Human Heart: Initial Experience. <i>Circulation Research</i> , 2016 , 119, 1177-1182	15.7	235

102	Progenitor cell secretory products exert additive renoprotective effects when combined with ace inhibitors in experimental CKD. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2016 , 17,	3	2
101	Assessment of the longitudinal changes in infarct heterogeneity post myocardial infarction. <i>BMC Cardiovascular Disorders</i> , 2016 , 16, 198	2.3	6
100	Early recovery of tricuspid annular isovolumic acceleration after mitral valve surgery - an observational study. <i>Canadian Journal of Anaesthesia</i> , 2016 , 63, 920-7	3	4
99	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	3.8	26
98	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 & Clinical Outcomes</i> , 2016 , 2, 277-284	4.6	12
97	Diabetes is an independent predictor of right ventricular dysfunction post ST-elevation myocardial infarction. <i>Cardiovascular Diabetology</i> , 2016 , 15, 34	8.7	11
96	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, 2021-34	12.7	46
95	Delayed Tamponade after Traumatic Wound with Left Ventricular Compression. <i>Case Reports in Cardiology</i> , 2016 , 2016, 2154748	0.6	3
94	The $\alpha 1$ integrin mediates fibroblast-extracellular matrix-cardiomyocyte interactions in health and disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 311, H96-H106	5.2	21
93	Suppression of NLRP3 Inflammasome Activation Ameliorates Chronic Kidney Disease-Induced Cardiac Fibrosis and Diastolic Dysfunction. <i>Scientific Reports</i> , 2016 , 6, 39551	4.9	31
92	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	14.6	141
91	Optimizing the language and format of guidelines to improve guideline uptake. <i>Cmaj</i> , 2016 , 188, E362-E368	3.6	30
90	Echocardiography vs. Cardiac Magnetic Resonance Imaging for the Diagnosis of Left Ventricular Thrombus: A Systematic Review. <i>Canadian Journal of Cardiology</i> , 2015 , 31, 785-91	3.8	44
89	Mesenchymal stromal cells improve cardiac function and left ventricular remodeling in a heart transplantation model. <i>Journal of Heart and Lung Transplantation</i> , 2015 , 34, 1481-8	5.8	17
88	CXCR4 promotes renal tubular cell survival in male diabetic rats: implications for ligand inactivation in the human kidney. <i>Endocrinology</i> , 2015 , 156, 1121-32	4.8	17
87	The non-glycemic effects of incretin therapies on cardiovascular outcomes, cognitive function and bone health. <i>Expert Review of Endocrinology and Metabolism</i> , 2015 , 10, 101-114	4.1	3
86	Use of Cardiac Magnetic Resonance Imaging Based Measurements of Inferior Vena Cava Cross-Sectional Area in the Diagnosis of Pericardial Constriction. <i>Canadian Association of Radiologists Journal</i> , 2015 , 66, 231-7	3.9	2
85	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, 717-27	5.7	8

84	Glycated Collagen Induces $\alpha 1$ Integrin Expression Through TGF- β and Smad3. <i>Journal of Cellular Physiology</i> , 2015 , 230, 327-36	7	26
83	Repeated treatment with bone marrow cell secretory products maintains long-term renoprotection in experimental chronic kidney disease: a placebo-controlled trial. <i>Canadian Journal of Kidney Health and Disease</i> , 2015 , 2, 44	2.3	4
82	Characterization of the ultrashort-TE (UTE) MR collagen signal. <i>NMR in Biomedicine</i> , 2015 , 28, 1236-44	4.4	12
81	Application of Modular Therapy for Renoprotection in Experimental Chronic Kidney Disease. <i>Tissue Engineering - Part A</i> , 2015 , 21, 1963-72	3.9	1
80	Cardiovascular Implications of Hypoglycemia in Diabetes Mellitus. <i>Circulation</i> , 2015 , 132, 2345-50	16.7	35
79	Vascular imaging in diabetes. <i>Current Atherosclerosis Reports</i> , 2014 , 16, 399	6	1
78	Correlation of late gadolinium enhancement MRI and quantitative T2 measurement in cardiac sarcoidosis. <i>Journal of Magnetic Resonance Imaging</i> , 2014 , 39, 609-16	5.6	26
77	Survivin gene therapy attenuates left ventricular systolic dysfunction in doxorubicin cardiomyopathy by reducing apoptosis and fibrosis. <i>Cardiovascular Research</i> , 2014 , 101, 423-33	9.9	33
76	Canadian Cardiovascular Society/Canadian Association of Interventional Cardiology/Canadian Society of Cardiac Surgery position statement on revascularization--multivessel coronary artery disease. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 1482-91	3.8	40
75	Impaired cardiac anti-oxidant activity in diabetes: human and correlative experimental studies. <i>Acta Diabetologica</i> , 2014 , 51, 771-82	3.9	10
74	High glucose induces Smad activation via the transcriptional coregulator p300 and contributes to cardiac fibrosis and hypertrophy. <i>Cardiovascular Diabetology</i> , 2014 , 13, 89	8.7	88
73	Diabetes induces lysine acetylation of intermediary metabolism enzymes in the kidney. <i>Diabetes</i> , 2014 , 63, 2432-9	0.9	47
72	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, 607-12	3	9
71	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	7.8	14
70	Perioperative applications of deformation (myocardial strain) imaging with speckle-tracking echocardiography. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014 , 28, 128-140	2.1	10
69	First report of hypersensitivity to ticagrelor. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 957.e3-4	3.8	7
68	Canadian Cardiovascular Society guidelines for the diagnosis and management of stable ischemic heart disease. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 837-49	3.8	97
67	SDF-1/CXCR4 signaling preserves microvascular integrity and renal function in chronic kidney disease. <i>PLoS ONE</i> , 2014 , 9, e92227	3.7	34

66	Evolution of right ventricular function post-acute ST elevation myocardial infarction. <i>Journal of Magnetic Resonance Imaging</i> , 2014 , 40, 709-14	5.6	6
65	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, 1293-304	5.8	106
64	Benign intramyocardial mesothelial cyst in the right ventricular outflow tract: computed tomography and cardiovascular magnetic resonance imaging appearances. <i>Circulation</i> , 2014 , 130, e275-7	16.7	1
63	Early outgrowth cells release soluble endocrine antifibrotic factors that reduce progressive organ fibrosis. <i>Stem Cells</i> , 2013 , 31, 2408-19	5.8	21
62	Multi-contrast late enhancement CMR determined gray zone and papillary muscle involvement predict appropriate ICD therapy in patients with ischemic heart disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013 , 15, 57	6.9	18
61	Cardiovascular effects of incretins in diabetes. <i>Canadian Journal of Diabetes</i> , 2013 , 37, 309-14	2.1	16
60	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, 1436-42	3.8	10
59	Combination angiotensin converting enzyme and direct renin inhibition in heart failure following experimental myocardial infarction. <i>Cardiovascular Therapeutics</i> , 2013 , 31, 84-91	3.3	10
58	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, 384-90	3.8	23
57	Multimodality imaging in the preoperative diagnosis of lipomatous hypertrophy. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 130.e11-2	3.8	
56	DPP-4 inhibition attenuates cardiac dysfunction and adverse remodeling following myocardial infarction in rats with experimental diabetes. <i>Cardiovascular Therapeutics</i> , 2013 , 31, 259-67	3.3	49
55	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, 201475	3	11
54	Hyperpolarized (13)C magnetic resonance reveals early- and late-onset changes to in vivo pyruvate metabolism in the failing heart. <i>European Journal of Heart Failure</i> , 2013 , 15, 130-40	12.3	104
53	eNOS 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	3.3	9
52	Quantitative magnetic resonance imaging can distinguish remodeling mechanisms after acute myocardial infarction based on the severity of ischemic insult. <i>Magnetic Resonance in Medicine</i> , 2013 , 70, 1095-105	4.4	28
51	Automatic functional analysis of left ventricle in cardiac cine MRI. <i>Quantitative Imaging in Medicine and Surgery</i> , 2013 , 3, 200-9	3.6	18
50	Thrombus aspiration during primary percutaneous coronary intervention is associated with reduced myocardial edema, hemorrhage, microvascular obstruction and left ventricular remodeling. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012 , 14, 19	6.9	17
49	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	6.7	15

48	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, 566-72	3.9	79
47	776 DPP-4 Inhibition Improves Cardiac Function Following Experimental Myocardial Infarction: Potential Non-Glp-1 Mediated Effects. <i>Canadian Journal of Cardiology</i> , 2012 , 28, S397-S398	3.8	2
46	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	6.9	26
45	eNOS deficiency predisposes podocytes to injury in diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2012 , 23, 1810-23	12.7	102
44	Docosahexaenoic acid, but not eicosapentaenoic acid, supplementation reduces vulnerability to atrial fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012 , 5, 978-83	6.4	20
43	Early-outgrowth bone marrow cells attenuate renal injury and dysfunction via an antioxidant effect in a mouse model of type 2 diabetes. <i>Diabetes</i> , 2012 , 61, 2114-25	0.9	29
42	Hyperglycemia and renal mass ablation synergistically augment albuminuria in the diabetic subtotaly nephrectomized rat: implications for modeling diabetic nephropathy. <i>Nephron Extra</i> , 2012 , 2, 115-24		3
41	β1 integrin stimulates myofibroblast differentiation in diabetic cardiomyopathy. <i>Cardiovascular Research</i> , 2012 , 96, 265-75	9.9	74
40	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	3.6	18
39	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, 2205-14	5.8	114
38	Tissue Doppler Em and instantaneous end-diastolic stiffness: validation against pressure-volume loops in patients undergoing coronary artery bypass surgery. <i>Heart Lung and Circulation</i> , 2011 , 20, 223-30	1.8	5
37	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, 216-20	2.1	8
36	3,4-Dihydroxyflavonol antioxidant attenuates diastolic dysfunction and cardiac remodeling in streptozotocin-induced diabetic m(Ren2)27 rats. <i>PLoS ONE</i> , 2011 , 6, e22777	3.7	20
35	The cardiac (pro)renin receptor is primarily expressed in myocyte transverse tubules and is increased in experimental diabetic cardiomyopathy. <i>Journal of Hypertension</i> , 2011 , 29, 1175-84	1.9	34
34	Papillary muscle involvement in myocardial infarction: initial results using multicontrast late-enhancement MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2011 , 33, 211-6	5.6	12
33	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, 1129-41	4.4	82
32	Myocardial BOLD imaging at 3 T using quantitative T2: application in a myocardial infarct model. <i>Magnetic Resonance in Medicine</i> , 2011 , 66, 1739-47	4.4	18
31	Metoprolol impairs resistance artery function in mice. <i>Journal of Applied Physiology</i> , 2011 , 111, 1125-33	3.7	24

30	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, 17544-9	11.5	52
29	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, 1312-20	9.9	89
28	Fluorescent microangiography is a novel and widely applicable technique for delineating the renal microvasculature. <i>PLoS ONE</i> , 2011 , 6, e24695	3.7	24
27	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	3.7	51
26	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, H125-33	5.2	23
25	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, H1415-25	5.2	81
24	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, 520-8	6.7	56
23	Effect of atorvastatin on cardiac remodelling and mortality in rats following hyperglycemia and myocardial infarction. <i>International Journal of Cardiology</i> , 2010 , 143, 353-60	3.2	6
22	Cardiac magnetic resonance imaging of a large prolapsing left atrial myxoma causing pulmonary hypertension and syncope. <i>Canadian Journal of Cardiology</i> , 2010 , 26, 134-5	3.8	3
21	Rapid multislice imaging of hyperpolarized ¹³ C pyruvate and bicarbonate in the heart. <i>Magnetic Resonance in Medicine</i> , 2010 , 64, 1323-31	4.4	132
20	Expression, localization, and function of the thioredoxin system in diabetic nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 730-41	12.7	89
19	Protein kinase C-beta inhibition attenuates the progression of nephropathy in non-diabetic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2009 , 24, 1782-90	4.3	18
18	Inhibition of protein kinase C-beta by ruboxistaurin preserves cardiac function and reduces extracellular matrix production in diabetic cardiomyopathy. <i>Circulation: Heart Failure</i> , 2009 , 2, 129-37	7.6	92
17	The (Pro)renin receptor: site-specific and functional linkage to the vacuolar H ⁺ -ATPase in the kidney. <i>Hypertension</i> , 2009 , 54, 261-9	8.5	205
16	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, 771-7	5.6	18
15	Experimental studies of atrial fibrillation: a comparison of two pacing models. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 294, H1206-15	5.2	14
14	Letter by Connelly et al regarding article, "Diastolic stiffness of the failing diabetic heart: importance of fibrosis, advanced glycation end products, and myocyte resting tension". <i>Circulation</i> , 2008 , 117, e483; author reply e484	16.7	2
13	Long chain n-3 polyunsaturated fatty acids reduce atrial vulnerability in a novel canine pacing model. <i>Cardiovascular Research</i> , 2008 , 77, 89-97	9.9	60

12	Optimal blood pressure control in high-risk groups: are the guidelines letting us down?. <i>Southern Medical Journal</i> , 2008 , 101, 884-5	0.6	
11	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, 109-16	6.6	17
10	Effect of heart rate on tissue Doppler measures of diastolic function. <i>Echocardiography</i> , 2007 , 24, 697-701	5	35
9	Tranilast attenuates diastolic dysfunction and structural injury in experimental diabetic cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 293, H2860-9	5.2	50
8	Angiotensin II and the cardiac complications of diabetes mellitus. <i>Current Pharmaceutical Design</i> , 2007 , 13, 2721-9	3.3	18
7	Functional, structural and molecular aspects of diastolic heart failure in the diabetic (mRen-2)27 rat. <i>Cardiovascular Research</i> , 2007 , 76, 280-91	9.9	64
6	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	6.9	44
5	An unusual cause of heart failure identified by echocardiography in an octogenarian. <i>European Journal of Heart Failure</i> , 2005 , 7, 99-102	12.3	8
4	Drug therapy for the cardiac complications of diabetes. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2004 , 1, 195-200		2
3	Coronary artery stent thrombosis associated with exercise testing. <i>Heart Lung and Circulation</i> , 2003 , 12, 66-9	1.8	3
2	Improvement in timing and effectiveness of external cardiac compressions with a new non-invasive device: the CPR-Ezy. <i>Resuscitation</i> , 2002 , 54, 63-7	4	56
1	Use of Digital Health Technology in Heart Failure and Diabetes: a Scoping Review. <i>Journal of Cardiovascular Translational Research</i> ,	3.3	