

Gavin Y Oudit

List of Publications by Year in Descending Order

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

267
papers

17,718
citations

70
h-index

127
g-index

305
ext. papers

20,880
ext. citations

6.9
avg, IF

6.84
L-index

#	Paper	IF	Citations
267	ADAM15 is required for optimal collagen cross-linking and scar formation following myocardial infarction.. <i>Matrix Biology</i> , 2022 , 105, 127-127	11.4	0
266	An advanced endothelial murine HFpEF model: eNOS is critical for angiotensin 1-7 rescue of the diabetic phenotype.. <i>Journal of Molecular and Cellular Cardiology</i> , 2022 ,	5.8	
265	Apelin pathway in cardiovascular, kidney, and metabolic diseases: Therapeutic role of apelin analogs and apelin receptor agonists. <i>Peptides</i> , 2021 , 147, 170697	3.8	1
264	Sex- and age-specific regulation of ACE2: Insights into severe COVID-19 susceptibility. <i>Journal of Molecular and Cellular Cardiology</i> , 2021 , 164, 13-16	5.8	7
263	Dysregulation of ACE (Angiotensin-Converting Enzyme)-2 and Renin-Angiotensin Peptides in SARS-CoV-2 Mediated Mortality and End-Organ Injuries. <i>Hypertension</i> , 2021 , HYPERTENSIONAHA12118295	8.5	10
262	Structural Valve Deterioration Is Linked to Increased Immune Infiltrate and Chemokine Expression. <i>Journal of Cardiovascular Translational Research</i> , 2021 , 14, 503-512	3.3	1
261	Evaluating the diagnostic and prognostic value of biomarkers for heart disease and major adverse cardiac events in patients with muscular dystrophy. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2021 , 7, 564-573	4.6	3
260	Cardiomyopathies and Genetic Testing in Heart Failure: Role in Defining Phenotype-Targeted Approaches and Management. <i>Canadian Journal of Cardiology</i> , 2021 , 37, 547-559	3.8	6
259	Effect of Active Cancer on the Cardiac Phenotype: A Cardiac Magnetic Resonance Imaging-Based Study of Myocardial Tissue Health and Deformation in Patients With Chemotherapy-Related Cancer. <i>Journal of the American Heart Association</i> , 2021 , 10, e019811	6	5
258	Cardiac reverse remodelling and health status in patients with chronic heart failure. <i>ESC Heart Failure</i> , 2021 , 8, 3106-3118	3.7	2
257	Barth syndrome-related cardiomyopathy is associated with a reduction in myocardial glucose oxidation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 320, H2255-H2269	5.2	2
256	Loss of TIMP4 (Tissue Inhibitor of Metalloproteinase 4) Promotes Atherosclerotic Plaque Deposition in the Abdominal Aorta Despite Suppressed Plasma Cholesterol Levels. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 1874-1889	9.4	3
255	Clinical utility of 12-lead electrocardiogram in evaluating heart disease in patients with muscular dystrophy: Assessment of left ventricular hypertrophy, conduction disease, and cardiomyopathy. <i>Annals of Noninvasive Electrocardiology</i> , 2021 , 26, e12876	1.5	2
254	Left atrial remodelling, mid-regional pro-atrial natriuretic peptide, and prognosis across a range of ejection fractions in heart failure. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 220-228	4.1	4
253	The Human Explanted Heart Program: A translational bridge for cardiovascular medicine. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021 , 1867, 165995	6.9	2
252	Sex differences in COVID-19: candidate pathways, genetics of ACE2, and sex hormones. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 320, H296-H304	5.2	51
251	The tumor microenvironment may trigger lymphoproliferation in cardiac myxoma. <i>Translational Oncology</i> , 2021 , 14, 100911	4.9	8

250	Metabolically stable apelin-analogues, incorporating cyclohexylalanine and homoarginine, as potent apelin receptor activators. <i>RSC Medicinal Chemistry</i> , 2021 , 12, 1402-1413	3.5	3
249	Soluble Epoxide Hydrolase in Aged Female Mice and Human Explanted Hearts Following Ischemic Injury. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
248	Sickle cell disease, interleukin-18, and arrhythmias. <i>Blood</i> , 2021 , 137, 1138-1139	2.2	1
247	Pharmacological and cell-specific genetic PI3K β inhibition worsens cardiac remodeling after myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , 2021 , 157, 17-30	5.8	3
246	Cardiac remodelling predicts outcome in patients with chronic heart failure. <i>ESC Heart Failure</i> , 2021 ,	3.7	2
245	Gelsolin is an important mediator of Angiotensin II-induced activation of cardiac fibroblasts and fibrosis. <i>FASEB Journal</i> , 2021 , 35, e21932	0.9	0
244	Plasma angiotensin-converting enzyme 2: novel biomarker in heart failure with implications for COVID-19. <i>European Heart Journal</i> , 2020 , 41, 1818-1820	9.5	43
243	SARS-CoV-2 perturbs the renin-angiotensin system and energy metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 319, E43-E47	6	16
242	ADAM (a Disintegrin and Metalloproteinase) 15 Deficiency Exacerbates Ang II (Angiotensin II)-Induced Aortic Remodeling Leading to Abdominal Aortic Aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 1918-1934	9.4	14
241	Angiotensin Converting Enzyme 2: A Double-Edged Sword. <i>Circulation</i> , 2020 , 142, 426-428	16.7	165
240	Circulating troponin and further left ventricular ejection fraction improvement in patients with previously recovered left ventricular ejection fraction. <i>ESC Heart Failure</i> , 2020 , 7, 2725-2733	3.7	4
239	Response by Gheblawi et al to Letter Regarding Article, "Angiotensin-Converting Enzyme 2: SARS-CoV-2 Receptor and Regulator of the Renin-Angiotensin System: Celebrating the 20th Anniversary of the Discovery of ACE2". <i>Circulation Research</i> , 2020 , 127, e46-e47	15.7	10
238	Elevated Angiotensin 1-7/Angiotensin II Ratio Predicts Favorable Outcomes in Patients With Heart Failure. <i>Circulation: Heart Failure</i> , 2020 , 13, e006939	7.6	14
237	Cardiac Intervention Improves Heart Disease and Clinical Outcomes in Patients With Muscular Dystrophy in a Multidisciplinary Care Setting. <i>Journal of the American Heart Association</i> , 2020 , 9, e014004	6	8
236	Stress-Induced Cyclin C Translocation Regulates Cardiac Mitochondrial Dynamics. <i>Journal of the American Heart Association</i> , 2020 , 9, e014366	6	6
235	Apelin directs endothelial cell differentiation and vascular repair following immune-mediated injury. <i>Journal of Clinical Investigation</i> , 2020 , 130, 94-107	15.9	21
234	Screening for Fabry Disease in patients with unexplained left ventricular hypertrophy. <i>PLoS ONE</i> , 2020 , 15, e0239675	3.7	4
233	Role of Epicardial Adipose Tissue in Heart Failure: From Basic to Clinical Perspectives 2020 , 173-194		

232	Sarcoidosis: a prospective observational cohort from Northern Alberta. <i>Sarcoidosis Vasculitis and Diffuse Lung Diseases</i> , 2020 , 37, e2020014	1.1	
231	Targeting perivascular and epicardial adipose tissue inflammation: therapeutic opportunities for cardiovascular disease. <i>Clinical Science</i> , 2020 , 134, 827-851	6.5	22
230	Cardiovascular toxicity of PI3K inhibitors. <i>Clinical Science</i> , 2020 , 134, 2595-2622	6.5	4
229	Interaction between the apelinergic system and ACE2 in the cardiovascular system: therapeutic implications. <i>Clinical Science</i> , 2020 , 134, 2319-2336	6.5	10
228	The dual nature of obesity in metabolic programming: quantity versus quality of adipose tissue. <i>Clinical Science</i> , 2020 , 134, 2447-2451	6.5	3
227	Optimizing PEG-Extended Apelin Analogues as Cardioprotective Drug Leads: Importance of the KFRR Motif and Aromatic Head Group for Improved Physiological Activity. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 12073-12082	8.3	7
226	SARS-CoV-2 Infections and ACE2: Clinical Outcomes Linked With Increased Morbidity and Mortality in Individuals With Diabetes. <i>Diabetes</i> , 2020 , 69, 1875-1886	0.9	35
225	Cells of the adult human heart. <i>Nature</i> , 2020 , 588, 466-472	50.4	274
224	Bioinformatic analysis of membrane and associated proteins in murine cardiomyocytes and human myocardium. <i>Scientific Data</i> , 2020 , 7, 425	8.2	5
223	Layer-specific strain in patients with heart failure using cardiovascular magnetic resonance: not all layers are the same. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020 , 22, 81	6.9	7
222	COVID-19 Pandemic: Global Impact and Potential Implications for Cardiovascular Disease in Canada. <i>CJC Open</i> , 2020 , 2, 265-272	2	7
221	Inactivation of endothelial cell phosphoinositide 3-kinase α inhibits tumor angiogenesis and tumor growth. <i>Oncogene</i> , 2020 , 39, 6480-6492	9.2	5
220	ACE2 (Angiotensin-Converting Enzyme 2) in Cardiopulmonary Diseases: Ramifications for the Control of SARS-CoV-2. <i>Hypertension</i> , 2020 , 76, 651-661	8.5	38
219	Change of Health-Related Quality of Life Over Time and Its Association With Patient Outcomes in Patients With Heart Failure. <i>Journal of the American Heart Association</i> , 2020 , 9, e017278	6	5
218	Angiotensin-Converting Enzyme 2: SARS-CoV-2 Receptor and Regulator of the Renin-Angiotensin System: Celebrating the 20th Anniversary of the Discovery of ACE2. <i>Circulation Research</i> , 2020 , 126, 1456-1474 ¹⁵⁷ 1012		
217	Quantification of lung water in heart failure using cardiovascular magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019 , 21, 58	6.9	5
216	Plasma kallikrein cleaves and inactivates apelin-17: Palmitoyl- and PEG-extended apelin-17 analogs as metabolically stable blood pressure-lowering agents. <i>European Journal of Medicinal Chemistry</i> , 2019 , 166, 119-124	6.8	24
215	Low altitude simulation without hypoxia improves left ventricular function after myocardial infarction by reducing ventricular afterload. <i>PLoS ONE</i> , 2019 , 14, e0215814	3.7	5

214	Apelin protects against abdominal aortic aneurysm and the therapeutic role of neutral endopeptidase resistant apelin analogs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 13006-13015	11.5	26
213	Inhibition of PI3Kinase-βs pro-arrhythmic and associated with enhanced late Na current, contractility, and Ca release in murine hearts. <i>Journal of Molecular and Cellular Cardiology</i> , 2019 , 132, 98-109	5.8	10
212	PI3K Pathway Inhibition With Doxorubicin Treatment Results in Distinct Biventricular Atrophy and Remodeling With Right Ventricular Dysfunction. <i>Journal of the American Heart Association</i> , 2019 , 8, e010961	6.6	8
211	Weight loss enhances cardiac energy metabolism and function in heart failure associated with obesity. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 1944-1955	6.7	18
210	Cardiorenal Syndrome and Heart Failure-Challenges and Opportunities. <i>Canadian Journal of Cardiology</i> , 2019 , 35, 1208-1219	3.8	21
209	The renin-angiotensin system: going beyond the classical paradigms. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 316, H958-H970	5.2	134
208	Role of iron metabolism in heart failure: From iron deficiency to iron overload. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019 , 1865, 1925-1937	6.9	42
207	Ventricular tachycardia in patients with type 1 myotonic dystrophy: a case series. <i>European Heart Journal - Case Reports</i> , 2019 , 3,	0.9	9
206	Impaired branched chain amino acid oxidation contributes to cardiac insulin resistance in heart failure. <i>Cardiovascular Diabetology</i> , 2019 , 18, 86	8.7	43
205	The apelinergic system: a perspective on challenges and opportunities in cardiovascular and metabolic disorders. <i>Annals of the New York Academy of Sciences</i> , 2019 , 1455, 12-33	6.5	23
204	Bone Marrow-Derived Cells Restore Functional Integrity of the Gut Epithelial and Vascular Barriers in a Model of Diabetes and ACE2 Deficiency. <i>Circulation Research</i> , 2019 , 125, 969-988	15.7	37
203	Screening and Initiating Supportive Care in Patients With Heart Failure. <i>Frontiers in Cardiovascular Medicine</i> , 2019 , 6, 151	5.4	3
202	ACE2 exerts anti-obesity effect via stimulating brown adipose tissue and induction of browning in white adipose tissue. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 317, E1140-E1149	6.1	31
201	Investigating the role of endothelial cell-specific p110 α isoform of PI3K as a potential target for anti-angiogenic therapy. <i>FASEB Journal</i> , 2019 , 33, lb9	0.9	
200	Testosterone and cardiac remodeling: why are older men susceptible to heart disease?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 316, H765-H767	5.2	1
199	Comparison of Usefulness of Cardiac Resynchronization Therapy in Patients With Type 1 Myotonic Dystrophy With Versus Without Left Bundle Branch Block. <i>American Journal of Cardiology</i> , 2019 , 124, 1770-1774	3	6
198	PI3K β in cardioprotection: Cytoskeleton, late Na current, and mechanism of arrhythmias. <i>Channels</i> , 2019 , 13, 520-532	3	7
197	Titration and Tolerability of Sacubitril/Valsartan for Patients With Heart Failure in Clinical Practice. <i>Journal of Cardiovascular Pharmacology</i> , 2019 , 73, 149-154	3.1	11

196	Targeting the glucagon receptor improves cardiac function and enhances insulin sensitivity following a myocardial infarction. <i>Cardiovascular Diabetology</i> , 2019 , 18, 1	8.7	52
195	Endothelial and cardiomyocyte PI3K β divergently regulate cardiac remodelling in response to ischaemic injury. <i>Cardiovascular Research</i> , 2019 , 115, 1343-1356	9.9	13
194	Chloroquine-induced cardiomyopathy: a reversible cause of heart failure. <i>ESC Heart Failure</i> , 2018 , 5, 372-375	3.7	26
193	Advanced Dilated Cardiomyopathy in a Patient With Hutterite Limb-Girdle Muscular Dystrophy: Use of a Left Ventricular Assist Device. <i>Circulation: Heart Failure</i> , 2018 , 11, e004960	7.6	3
192	Imbalance of gut microbiome and intestinal epithelial barrier dysfunction in cardiovascular disease. <i>Clinical Science</i> , 2018 , 132, 901-904	6.5	19
191	Restructuring of the Gut Microbiome by Intermittent Fasting Prevents Retinopathy and Prolongs Survival in Mice. <i>Diabetes</i> , 2018 , 67, 1867-1879	0.9	131
190	Comparison of Cardiac Magnetic Resonance Imaging and Echocardiography in Assessment of Left Ventricular Hypertrophy in Fabry Disease. <i>Canadian Journal of Cardiology</i> , 2018 , 34, 1041-1047	3.8	11
189	A prospective evaluation of the established criteria for heart failure with preserved ejection fraction using the Alberta HEART cohort. <i>ESC Heart Failure</i> , 2018 , 5, 19-26	3.7	7
188	Angiotensin 1-7 stimulates brown adipose tissue and reduces diet-induced obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018 , 314, E131-E138	6	23
187	Cell-Specific Functions of ADAM17 Regulate the Progression of Thoracic Aortic Aneurysm. <i>Circulation Research</i> , 2018 , 123, 372-388	15.7	30
186	TIMP3 deficiency exacerbates iron overload-mediated cardiomyopathy and liver disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 314, H978-H990	5.2	13
185	Empagliflozin Increases Cardiac Energy Production in Diabetes: Novel Translational Insights Into the Heart Failure Benefits of SGLT2 Inhibitors. <i>JACC Basic To Translational Science</i> , 2018 , 3, 575-587	8.7	162
184	Effects of age, gender, and risk-factors for heart failure on native myocardial T and extracellular volume fraction using the SASHA sequence at 1.5T. <i>Journal of Magnetic Resonance Imaging</i> , 2018 , 48, 1307-1317	5.6	8
183	Alterations in the Eicosanoid Profile and Mitochondrial Injury in Human Ventricular Tissue Following Myocardial Infarction. <i>FASEB Journal</i> , 2018 , 32, 561.6	0.9	
182	Advanced iron-overload cardiomyopathy in a genetic murine model is rescued by resveratrol therapy. <i>Bioscience Reports</i> , 2018 , 38,	4.1	8
181	PI3K β -regulated gelsolin activity is a critical determinant of cardiac cytoskeletal remodeling and heart disease. <i>Nature Communications</i> , 2018 , 9, 5390	17.4	34
180	Elevated Inflammatory Plasma Biomarkers in Patients With Fabry Disease: A Critical Link to Heart Failure With Preserved Ejection Fraction. <i>Journal of the American Heart Association</i> , 2018 , 7, e009098	6	29
179	Resistant Hypertension From Renal Artery Stenosis Leading to Heart Failure With Preserved Ejection Fraction. <i>Journal of Investigative Medicine High Impact Case Reports</i> , 2018 , 6, 2324709618816501 ^{1,2}		1

178	Breast Cancer Patients Receiving Anthracycline Chemotherapy and Trastuzumab Have Biventricular Dysfunction and Reduced Heart Mass. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 1872-1873	15.1	6
177	Disparate Remodeling of the Extracellular Matrix and Proteoglycans in Failing Pediatric Versus Adult Hearts. <i>Journal of the American Heart Association</i> , 2018 , 7, e010427	6	16
176	Loss of Angiotensin-Converting Enzyme 2 Exacerbates Diabetic Retinopathy by Promoting Bone Marrow Dysfunction. <i>Stem Cells</i> , 2018 , 36, 1430-1440	5.8	32
175	Recombinant Human ACE2 and the Angiotensin 1-7 Axis as Potential New Therapies for Heart Failure. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 943-946	3.8	33
174	Females Are Protected From Iron-Overload Cardiomyopathy Independent of Iron Metabolism: Key Role of Oxidative Stress. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	16
173	Disrupting the key circadian regulator CLOCK leads to age-dependent cardiovascular disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2017 , 105, 24-37	5.8	50
172	Murine recombinant angiotensin-converting enzyme 2 attenuates kidney injury in experimental Alport syndrome. <i>Kidney International</i> , 2017 , 91, 1347-1361	9.9	33
171	Novel Dominant-Negative Mutation in Cardiac Troponin I Causes Severe Restrictive Cardiomyopathy. <i>Circulation: Heart Failure</i> , 2017 , 10,	7.6	6
170	Roles of Angiotensin Peptides and Recombinant Human ACE2 in Heart Failure. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 805-819	15.1	113
169	Clinical Features, Diagnosis, and Management of Patients With Anderson-Fabry Cardiomyopathy. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 883-897	3.8	25
168	Reply: RAS Fingerprint. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 3011-3013	15.1	
167	Cardiac Med1 deletion promotes early lethality, cardiac remodeling, and transcriptional reprogramming. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 312, H768-H780	5.2	17
166	Tissue Inhibitor of Matrix Metalloproteinase-1 Promotes Myocardial Fibrosis by Mediating CD63-Integrin α Interaction. <i>Hypertension</i> , 2017 , 69, 1092-1103	8.5	71
165	Multidisciplinary Approach to Novel Therapies in Cardio-Oncology Research (MANTICORE 101-Breast): A Randomized Trial for the Prevention of Trastuzumab-Associated Cardiotoxicity. <i>Journal of Clinical Oncology</i> , 2017 , 35, 870-877	2.2	207
164	Apelin Is a Negative Regulator of Angiotensin II-Mediated Adverse Myocardial Remodeling and Dysfunction. <i>Hypertension</i> , 2017 , 70, 1165-1175	8.5	62
163	Ectopic expression of Cdk8 induces eccentric hypertrophy and heart failure. <i>JCI Insight</i> , 2017 , 2,	9.9	15
162	Differentiating heart failure phenotypes using sex-specific transcriptomic and proteomic biomarker panels. <i>ESC Heart Failure</i> , 2017 , 4, 301-311	3.7	24
161	Epicardial adipose tissue as a metabolic transducer: role in heart failure and coronary artery disease. <i>Heart Failure Reviews</i> , 2017 , 22, 889-902	5	107

160	Synthetic Modification within the "RPRL" Region of Apelin Peptides: Impact on Cardiovascular Activity and Stability to Neprilysin and Plasma Degradation. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 6408-6427	8.3	29
159	Targeting the apelin pathway as a novel therapeutic approach for cardiovascular diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 1942-1950	6.9	61
158	Unravelling the molecular basis for cardiac iron metabolism and deficiency in heart failure. <i>European Heart Journal</i> , 2017 , 38, 373-375	9.5	11
157	ACE2 Deficiency Worsens Epicardial Adipose Tissue Inflammation and Cardiac Dysfunction in Response to Diet-Induced Obesity. <i>Diabetes</i> , 2016 , 65, 85-95	0.9	138
156	A Disintegrin and Metalloprotease-17 Regulates Pressure Overload-Induced Myocardial Hypertrophy and Dysfunction Through Proteolytic Processing of Integrin β . <i>Hypertension</i> , 2016 , 68, 937-48	8.5	26
155	Glycogen Storage Disease Because of a PRKAG2 Mutation Causing Severe Biventricular Hypertrophy and High-Grade Atrio-Ventricular Block. <i>Circulation: Heart Failure</i> , 2016 , 9,	7.6	6
154	The Metalloprotease Neprilysin Degrades and Inactivates Apelin Peptides. <i>ChemBioChem</i> , 2016 , 17, 1495-8	5.8	44
153	Ascending aortic adventitial remodeling and fibrosis are ameliorated with Apelin-13 in rats after TAC via suppression of the miRNA-122 and LGR4-Eatenin signaling. <i>Peptides</i> , 2016 , 86, 85-94	3.8	22
152	Angiotensin-Converting Enzyme 2 Metabolizes and Partially Inactivates Pyr-Apelin-13 and Apelin-17: Physiological Effects in the Cardiovascular System. <i>Hypertension</i> , 2016 , 68, 365-77	8.5	116
151	ACE2/Ang 1-7 axis: A critical regulator of epicardial adipose tissue inflammation and cardiac dysfunction in obesity. <i>Adipocyte</i> , 2016 , 5, 306-11	3.2	72
150	Differential impact of mechanical unloading on structural and nonstructural components of the extracellular matrix in advanced human heart failure. <i>Translational Research</i> , 2016 , 172, 30-44	11	25
149	MELAS syndrome and cardiomyopathy: linking mitochondrial function to heart failure pathogenesis. <i>Heart Failure Reviews</i> , 2016 , 21, 103-116	5	30
148	Reduced Right Ventricular Native Myocardial T1 in Anderson-Fabry Disease: Comparison to Pulmonary Hypertension and Healthy Controls. <i>PLoS ONE</i> , 2016 , 11, e0157565	3.7	25
147	Response to Comment on Patel et al. ACE2 Deficiency Worsens Epicardial Adipose Tissue Inflammation and Cardiac Dysfunction in Response to Diet-Induced Obesity. <i>Diabetes</i> 2016;65:85-95. <i>Diabetes</i> , 2016 , 65, e3-4	0.9	8
146	Resveratrol mediates therapeutic hepatic effects in acquired and genetic murine models of iron-overload. <i>Liver International</i> , 2016 , 36, 246-57	7.9	27
145	Ces3/TGH Deficiency Attenuates Steatohepatitis. <i>Scientific Reports</i> , 2016 , 6, 25747	4.9	24
144	Reply to Letter From Floras et al.—Central Sleep Apnea: Risk Factor or Pathogenic Process in Patients With Heart Failure. <i>Canadian Journal of Cardiology</i> , 2016 , 32, 396.e5	3.8	
143	Role of the ACE2/Angiotensin 1-7 Axis of the Renin-Angiotensin System in Heart Failure. <i>Circulation Research</i> , 2016 , 118, 1313-26	15.7	478

142	Angiotensin-converting enzyme 2 ameliorates renal fibrosis by blocking the activation of mTOR/ERK signaling in apolipoprotein E-deficient mice. <i>Peptides</i> , 2016 , 79, 49-57	3.8	26
141	Adeno-Associated Virus Overexpression of Angiotensin-Converting Enzyme-2 Reverses Diabetic Retinopathy in Type 1 Diabetes in Mice. <i>American Journal of Pathology</i> , 2016 , 186, 1688-700	5.8	40
140	PI3Ks essential for the recovery from Cre/tamoxifen cardiotoxicity and in myocardial insulin signalling but is not required for normal myocardial contractility in the adult heart. <i>Cardiovascular Research</i> , 2015 , 105, 292-303	9.9	13
139	Cardiomyocyte A Disintegrin And Metalloproteinase 17 (ADAM17) Is Essential in Post-Myocardial Infarction Repair by Regulating Angiogenesis. <i>Circulation: Heart Failure</i> , 2015 , 8, 970-9	7.6	29
138	Characterization of the intrarenal renin-angiotensin system in experimental alport syndrome. <i>American Journal of Pathology</i> , 2015 , 185, 1423-35	5.8	24
137	Antagonism of angiotensin 1-7 prevents the therapeutic effects of recombinant human ACE2. <i>Journal of Molecular Medicine</i> , 2015 , 93, 1003-13	5.5	34
136	Normal left-atrial structure and function despite concentric left-ventricular remodelling in a cohort of patients with Anderson-Fabry disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 1129-36	4.1	7
135	Letter by McLean and Oudit regarding article, "myostatin regulates energy homeostasis in the heart and prevents heart failure". <i>Circulation Research</i> , 2015 , 116, e51-2	15.7	2
134	Quantification of circumferential, longitudinal, and radial global fractional shortening using steady-state free precession cines: a comparison with tissue-tracking strain and application in Fabry disease. <i>Magnetic Resonance in Medicine</i> , 2015 , 73, 586-96	4.4	10
133	Anderson-Fabry cardiomyopathy: prevalence, pathophysiology, diagnosis and treatment. <i>Heart Failure Reviews</i> , 2015 , 20, 179-91	5	43
132	Iron-overload injury and cardiomyopathy in acquired and genetic models is attenuated by resveratrol therapy. <i>Scientific Reports</i> , 2015 , 5, 18132	4.9	63
131	Deletion of angiotensin-converting enzyme 2 exacerbates renal inflammation and injury in apolipoprotein E-deficient mice through modulation of the nephrin and TNF-alpha-TNFRSF1A signaling. <i>Journal of Translational Medicine</i> , 2015 , 13, 255	8.5	24
130	Determinants of ventricular arrhythmias in human explanted hearts with dilated cardiomyopathy. <i>European Journal of Clinical Investigation</i> , 2015 , 45, 1286-96	4.6	16
129	Resveratrol treatment of mice with pressure-overload-induced heart failure improves diastolic function and cardiac energy metabolism. <i>Circulation: Heart Failure</i> , 2015 , 8, 128-37	7.6	66
128	Gender-specific plasma proteomic biomarkers in patients with Anderson-Fabry disease. <i>European Journal of Heart Failure</i> , 2015 , 17, 291-300	12.3	28
127	Metabolomic fingerprint of heart failure with preserved ejection fraction. <i>PLoS ONE</i> , 2015 , 10, e0124844	5.7	106
126	The Role of Neurohumoral Activation in Cardiac Fibrosis and Heart Failure 2015 , 347-381		
125	Angiotensin II induced proteolytic cleavage of myocardial ACE2 is mediated by TACE/ADAM-17: a positive feedback mechanism in the RAS. <i>Journal of Molecular and Cellular Cardiology</i> , 2014 , 66, 167-76	5.8	211

124	Angiotensin 1-7 ameliorates diabetic cardiomyopathy and diastolic dysfunction in db/db mice by reducing lipotoxicity and inflammation. <i>Circulation: Heart Failure</i> , 2014 , 7, 327-39	7.6	134
123	Angiotensin 1-7 mediates renoprotection against diabetic nephropathy by reducing oxidative stress, inflammation, and lipotoxicity. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 306, F812-21	4.3	87
122	Angiotensin-converting enzyme 2 is a critical determinant of angiotensin II-induced loss of vascular smooth muscle cells and adverse vascular remodeling. <i>Hypertension</i> , 2014 , 64, 157-64	8.5	70
121	ACE2/Ang-(1-7) signaling and vascular remodeling. <i>Science China Life Sciences</i> , 2014 , 57, 802-8	8.5	30
120	Heterozygote loss of ACE2 is sufficient to increase the susceptibility to heart disease. <i>Journal of Molecular Medicine</i> , 2014 , 92, 847-58	5.5	28
119	Gender-dependent aortic remodelling in patients with bicuspid aortic valve-associated thoracic aortic aneurysm. <i>Journal of Molecular Medicine</i> , 2014 , 92, 939-49	5.5	12
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