

# Domingo Francisco Javier DÃ- ez MartÃ

## List of Publications by Year in descending order

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308  
papers

19,354  
citations

7568

77  
h-index

15732

125  
g-index

326  
all docs

326  
docs citations

326  
times ranked

19602  
citing authors

#	ARTICLE	IF	CITATIONS
1	Myocardial remodeling after infarction: the role of myofibroblasts. <i>Nature Reviews Cardiology</i> , 2010, 7, 30-37.	13.7	612
2	Losartan-Dependent Regression of Myocardial Fibrosis Is Associated With Reduction of Left Ventricular Chamber Stiffness in Hypertensive Patients. <i>Circulation</i> , 2002, 105, 2512-2517.	1.6	572
3	Myocardial Fibrosis as an Early Manifestation of Hypertrophic Cardiomyopathy. <i>New England Journal of Medicine</i> , 2010, 363, 552-563.	27.0	566
4	Myocardial Interstitial Fibrosis in Heart Failure. <i>Journal of the American College of Cardiology</i> , 2018, 71, 1696-1706.	2.8	406
5	Increased Collagen Type I Synthesis in Patients With Heart Failure of Hypertensive Origin. <i>Circulation</i> , 2004, 110, 1263-1268.	1.6	392
6	New strategies for heart failure with preserved ejection fraction: the importance of targeted therapies for heart failure phenotypes. <i>European Heart Journal</i> , 2014, 35, 2797-2815.	2.2	304
7	Prevalence of Left Ventricular Diastolic Dysfunction in a General Population. <i>Circulation: Heart Failure</i> , 2009, 2, 105-112.	3.9	291
8	Myocardial fibrosis: biomedical research from bench to bedside. <i>European Journal of Heart Failure</i> , 2017, 19, 177-191.	7.1	280
9	Reverse Myocardial Remodeling Following Valve Replacement in Patients With Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2018, 71, 860-871.	2.8	266
10	Effects of loop diuretics on myocardial fibrosis and collagen type I turnover in chronic heart failure. <i>Journal of the American College of Cardiology</i> , 2004, 43, 2028-2035.	2.8	248
11	Usefulness of Serum Carboxy-Terminal Propeptide of Procollagen Type I in Assessment of the Cardioreparative Ability of Antihypertensive Treatment in Hypertensive Patients. <i>Circulation</i> , 2001, 104, 286-291.	1.6	244
12	Myocardial Titin Hypophosphorylation Importantly Contributes to Heart Failure With Preserved Ejection Fraction in a Rat Metabolic Risk Model. <i>Circulation: Heart Failure</i> , 2013, 6, 1239-1249.	3.9	241
13	Torsemide in chronic heart failure: results of the TORIC study. <i>European Journal of Heart Failure</i> , 2002, 4, 507-513.	7.1	215
14	Alterations in the Pattern of Collagen Deposition May Contribute to the Deterioration of Systolic Function in Hypertensive Patients With Heart Failure. <i>Journal of the American College of Cardiology</i> , 2006, 48, 89-96.	2.8	214
15	Role of lysyl oxidase in myocardial fibrosis: from basic science to clinical aspects. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H1-H9.	3.2	209
16	The relevance of tissue angiotensin-converting enzyme: manifestations in mechanistic and endpoint data. <i>American Journal of Cardiology</i> , 2001, 88, 1-20.	1.6	202
17	Circulating Biomarkers of Myocardial Fibrosis. <i>Journal of the American College of Cardiology</i> , 2015, 65, 2449-2456.	2.8	196
18	Circulating Biomarkers of Collagen Metabolism in Cardiac Diseases. <i>Circulation</i> , 2010, 121, 1645-1654.	1.6	195

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19	T1 Measurements Identify Extracellular Volume Expansion in Hypertrophic Cardiomyopathy Sarcomere Mutation Carriers With and Without Left Ventricular Hypertrophy. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 415-422.	2.6	195
20	Targeting LOXL2 for cardiac interstitial fibrosis and heart failure treatment. <i>Nature Communications</i> , 2016, 7, 13710.	12.8	190
21	Mechanisms of Cardiac Fibrosis in Hypertension. <i>Journal of Clinical Hypertension</i> , 2007, 9, 546-550.	2.0	183
22	Towards better definition, quantification and treatment of fibrosis in heart failure. A scientific roadmap by the Committee of Translational Research of the Heart Failure Association (HFA) of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2019, 21, 272-285.	7.1	182
23	Reappraising myocardial fibrosis in severe aortic stenosis: an invasive and non-invasive study in 133 patients. <i>European Heart Journal</i> , 2018, 39, 699-709.	2.2	178
24	Surrogate Markers for Cardiovascular Disease: Structural Markers. <i>Circulation</i> , 2004, 109, IV-22-IV-30.	1.6	175
25	Myocardial Fibrosis Quantified by Extracellular Volume Is Associated With Subsequent Hospitalization for Heart Failure, Death, or Both Across the Spectrum of Ejection Fraction and Heart Failure Stage. <i>Journal of the American Heart Association</i> , 2015, 4, .	3.7	174
26	Collagen Cross-Linking But Not Collagen Amount Associates With Elevated Filling Pressures in Hypertensive Patients With Stage C Heart Failure. <i>Hypertension</i> , 2012, 60, 677-683.	2.7	170
27	C-Reactive Protein Induces Matrix Metalloproteinase-1 and -10 in Human Endothelial Cells. <i>Journal of the American College of Cardiology</i> , 2006, 47, 1369-1378.	2.8	168
28	Temporal Relation Between Myocardial Fibrosis and Heart Failure With Preserved Ejection Fraction. <i>JAMA Cardiology</i> , 2017, 2, 995.	6.1	164
29	Immunohistochemical detection of chloride/bicarbonate anion exchangers in human liver. <i>Hepatology</i> , 1994, 19, 1400-1406.	7.3	159
30	Biochemical Assessment of Myocardial Fibrosis in Hypertensive Heart Disease. <i>Hypertension</i> , 2001, 38, 1222-1226.	2.7	157
31	Different Effects of Antihypertensive Therapies Based on Losartan or Atenolol on Ultrasound and Biochemical Markers of Myocardial Fibrosis. <i>Circulation</i> , 2004, 110, 552-557.	1.6	157
32	New Targets to Treat the Structural Remodeling of the Myocardium. <i>Journal of the American College of Cardiology</i> , 2011, 58, 1833-1843.	2.8	147
33	Impact of Treatment on Myocardial Lysyl Oxidase Expression and Collagen Cross-Linking in Patients With Heart Failure. <i>Hypertension</i> , 2009, 53, 236-242.	2.7	144
34	Mechanisms of Disease: pathologic structural remodeling is more than adaptive hypertrophy in hypertensive heart disease. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2005, 2, 209-216.	3.3	143
35	Diltiazem Treatment for Pre-Clinical Hypertrophic Cardiomyopathy Sarcomere Mutation Carriers. <i>JACC: Heart Failure</i> , 2015, 3, 180-188.	4.1	137
36	Abnormal expression of anion exchanger genes in primary biliary cirrhosis. <i>Gastroenterology</i> , 1993, 105, 572-578.	1.3	132

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37	Oxidative stress and vascular remodelling. <i>Experimental Physiology</i> , 2005, 90, 457-462.	2.0	129
38	MicroRNA-221/222 Family Counteracts Myocardial Fibrosis in Pressure Overload-Induced Heart Failure. <i>Hypertension</i> , 2018, 71, 280-288.	2.7	128
39	Diffuse myocardial fibrosis: mechanisms, diagnosis and therapeutic approaches. <i>Nature Reviews Cardiology</i> , 2021, 18, 479-498.	13.7	128
40	Myocardial Collagen Cross-Linking Is Associated With Heart Failure Hospitalization in Patients With Hypertensive Heart Failure. <i>Journal of the American College of Cardiology</i> , 2016, 67, 251-260.	2.8	127
41	Myocardial Remodeling in Hypertension. <i>Hypertension</i> , 2018, 72, 549-558.	2.7	123
42	Phagocytic NADPH Oxidase Overactivity Underlies Oxidative Stress in Metabolic Syndrome. <i>Diabetes</i> , 2006, 55, 209-215.	0.6	121
43	Effects of loop diuretics on angiotensin II-stimulated vascular smooth muscle cell growth. <i>Nephrology Dialysis Transplantation</i> , 2001, 16, 14-17.	0.7	118
44	Pathophysiologic and therapeutic importance of tissue ACE: a consensus report. <i>Cardiovascular Drugs and Therapy</i> , 2002, 16, 149-160.	2.6	118
45	Identification of a Potential Cardiac Antifibrotic Mechanism of Torasemide in Patients With Chronic Heart Failure. <i>Journal of the American College of Cardiology</i> , 2007, 50, 859-867.	2.8	118
46	Clinical aspects of hypertensive myocardial fibrosis. <i>Current Opinion in Cardiology</i> , 2001, 16, 328-335.	1.8	116
47	Osteopontin-mediated myocardial fibrosis in heart failure: a role for lysyl oxidase?. <i>Cardiovascular Research</i> , 2013, 99, 111-120.	3.8	113
48	Losartan inhibits the post-transcriptional synthesis of collagen type I and reverses left ventricular fibrosis in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 1999, 17, 107-114.	0.5	111
49	Cardiomyocyte apoptosis in hypertensive cardiomyopathy. <i>Cardiovascular Research</i> , 2003, 59, 549-562.	3.8	110
50	The Inhibitory Effect of Leptin on Angiotensin II-Induced Vasoconstriction in Vascular Smooth Muscle Cells Is Mediated via a Nitric Oxide-Dependent Mechanism. <i>Endocrinology</i> , 2007, 148, 324-331.	2.8	110
51	Searching for new mechanisms of myocardial fibrosis with diagnostic and/or therapeutic potential. <i>European Journal of Heart Failure</i> , 2015, 17, 764-771.	7.1	109
52	Effects of losartan and atenolol on left ventricular mass and neurohormonal profile in patients with essential hypertension and left ventricular hypertrophy. <i>Journal of Hypertension</i> , 2002, 20, 1855-1864.	0.5	107
53	Regulation of Myocardial Fibrillar Collagen by Angiotensin II. A Role in Hypertensive Heart Disease?. <i>Journal of Molecular and Cellular Cardiology</i> , 2002, 34, 1585-1593.	1.9	106
54	Stimulation of Cardiac Apoptosis in Essential Hypertension. <i>Hypertension</i> , 2002, 39, 75-80.	2.7	102

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55	Vascular oxidant stress: Molecular mechanisms and pathophysiological implications. <i>Journal of Physiology and Biochemistry</i> , 2000, 56, 57-64.	3.0	101
56	Filling Pressures and Collagen Metabolism in Hypertensive Patients With Heart Failure and Normal Ejection Fraction. <i>Hypertension</i> , 2010, 55, 1418-1424.	2.7	100
57	G Protein-Coupled Receptor Kinase 2 Plays a Relevant Role in Insulin Resistance and Obesity. <i>Diabetes</i> , 2010, 59, 2407-2417.	0.6	99
58	A Translational Approach to Hypertensive Heart Disease. <i>Hypertension</i> , 2010, 55, 1-8.	2.7	98
59	Leptin Inhibits Angiotensin II-Induced Intracellular Calcium Increase and Vasoconstriction in the Rat Aorta. <i>Endocrinology</i> , 2002, 143, 3555-3560.	2.8	97
60	Cardioprotective Effect of the Mitochondrial Unfolded Protein Response During Chronic Pressure Overload. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1795-1806.	2.8	97
61	Myocardial fibrosis and diastolic dysfunction in patients with hypertension: results from the Swedish Irbesartan Left Ventricular Hypertrophy Investigation versus Atenolol (SILVHIA). <i>Journal of Hypertension</i> , 2007, 25, 1958-1966.	0.5	95
62	GLP-1 and cardioprotection: from bench to bedside. <i>Cardiovascular Research</i> , 2012, 94, 316-323.	3.8	93
63	Association of increased phagocytic NADPH oxidase-dependent superoxide production with diminished nitric oxide generation in essential hypertension. <i>Journal of Hypertension</i> , 2004, 22, 2169-2175.	0.5	92
64	Chronic heart failure as a state of reduced effectiveness of the natriuretic peptide system: implications for therapy. <i>European Journal of Heart Failure</i> , 2017, 19, 167-176.	7.1	91
65	NADPH oxidase <i>CYBA</i> polymorphisms, oxidative stress and cardiovascular diseases. <i>Clinical Science</i> , 2008, 114, 173-182.	4.3	90
66	Epicardial delivery of collagen patches with adipose-derived stem cells in rat and minipig models of chronic myocardial infarction. <i>Biomaterials</i> , 2014, 35, 143-151.	11.4	90
67	Functional Effect of the p22 phox <sup>930</sup> A/G Polymorphism on p22 phox Expression and NADPH Oxidase Activity in Hypertension. <i>Hypertension</i> , 2004, 44, 163-169.	2.7	89
68	A synthetic peptide from transforming growth factor- $\beta$ 1 type III receptor prevents myocardial fibrosis in spontaneously hypertensive rats. <i>Cardiovascular Research</i> , 2008, 81, 601-609.	3.8	89
69	Preliminary characterisation of the promoter of the human p22 <sup>phox</sup> gene: identification of a new polymorphism associated with hypertension. <i>FEBS Letters</i> , 2003, 542, 27-31.	2.8	86
70	NADPH Oxidase-Mediated Oxidative Stress: Genetic Studies of the p22 <sup>phox</sup> Gene in Hypertension. <i>Antioxidants and Redox Signaling</i> , 2005, 7, 1327-1336.	5.4	86
71	Sex Dimorphism in the Myocardial Response to Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 962-973.	5.3	85
72	Fibrosis in hypertensive heart disease: role of the renin-angiotensin-aldosterone system. <i>Medical Clinics of North America</i> , 2004, 88, 83-97.	2.5	83

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73	The C242T CYBA polymorphism of NADPH oxidase is associated with essential hypertension. <i>Journal of Hypertension</i> , 2006, 24, 1299-1306.	0.5	83
74	Phagocytic NADPH Oxidase-Dependent Superoxide Production Stimulates Matrix Metalloproteinase-9. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 587-593.	2.4	82
75	AT <sub>1</sub> receptor antagonism attenuates target organ effects of salt excess in SHR without affecting pressure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H853-H858.	3.2	82
76	<i>microRNA-122</i> down-regulation may play a role in severe myocardial fibrosis in human aortic stenosis through TGF- $\beta$ 1 up-regulation. <i>Clinical Science</i> , 2014, 126, 497-506.	4.3	80
77	CT-1 (Cardiotrophin-1)-Gal-3 (Galectin-3) Axis in Cardiac Fibrosis and Inflammation. <i>Hypertension</i> , 2019, 73, 602-611.	2.7	78
78	The effect of spironolactone on cardiovascular function and markers of fibrosis in people at increased risk of developing heart failure: the heart OMics™ in AGEing (HOMAGE) randomized clinical trial. <i>European Heart Journal</i> , 2021, 42, 684-696.	2.2	77
79	A random comparison of fosinopril and nifedipine GITS in patients with primary renal disease. <i>Journal of Hypertension</i> , 2001, 19, 1871-1876.	0.5	76
80	Biochemical markers of myocardial remodelling in hypertensive heart disease. <i>Cardiovascular Research</i> , 2008, 81, 509-518.	3.8	73
81	Is plasma cardiotrophin-1 a marker of hypertensive heart disease?. <i>Journal of Hypertension</i> , 2005, 23, 625-632.	0.5	72
82	Arterial Stiffness and Extracellular Matrix. , 2006, 44, 76-95.		71
83	Myocardial fibrosis, impaired coronary hemodynamics, and biventricular dysfunction in salt-loaded SHR. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 290, H1503-H1509.	3.2	70
84	Antiapoptotic effects of GLP-1 in murine HL-1 cardiomyocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H1361-H1372.	3.2	70
85	Ultrasonic Backscatter and Serum Marker of Cardiac Fibrosis in Hypertensives. <i>Hypertension</i> , 2002, 39, 923-928.	2.7	68
86	Oxidative stress and atherosclerosis in early chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2006, 21, 2686-2690.	0.7	68
87	Prevalence of left ventricular diastolic dysfunction in European populations based on cross-validated diagnostic thresholds. <i>Cardiovascular Ultrasound</i> , 2012, 10, 10.	1.6	68
88	The use of collagen-derived serum peptides for the clinical assessment of hypertensive heart disease. <i>Journal of Hypertension</i> , 2005, 23, 1445-1451.	0.5	65
89	Oxidative Stress, Endothelial Dysfunction and Cerebrovascular Disease. <i>Cerebrovascular Diseases</i> , 2007, 24, 24-29.	1.7	65
90	Apoptosis in hypertensive heart disease. <i>Current Opinion in Cardiology</i> , 1998, 13, 317-326.	1.8	64

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91	Cardiotrophin-1 is expressed in adipose tissue and upregulated in the metabolic syndrome. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 294, E52-E60.	3.5	64
92	Hypertensive left ventricular hypertrophy risk: beyond adaptive cardiomyocytic hypertrophy. <i>Journal of Hypertension</i> , 2011, 29, 17-26.	0.5	64
93	Biomarker-based phenotyping of myocardial fibrosis identifies patients with heart failure with preserved ejection fraction resistant to the beneficial effects of spironolactone: results from the Aldo-DHF trial. <i>European Journal of Heart Failure</i> , 2018, 20, 1290-1299.	7.1	64
94	Proteomic Bioprofiles and Mechanistic Pathways of Progression to Heart Failure. <i>Circulation: Heart Failure</i> , 2019, 12, e005897.	3.9	63
95	Myocardial Interstitial Fibrosis in Nonischemic Heart Disease, Part 3/4. <i>Journal of the American College of Cardiology</i> , 2020, 75, 2204-2218.	2.8	63
96	NADPH Oxidase-Dependent Superoxide Production Is Associated With Carotid Intima-Media Thickness in Subjects Free of Clinical Atherosclerotic Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 1452-1457.	2.4	62
97	Losartan Metabolite EXP3179 Blocks NADPH Oxidase-Mediated Superoxide Production by Inhibiting Protein Kinase C. <i>Hypertension</i> , 2009, 54, 744-750.	2.7	62
98	Mechanisms of Increased Susceptibility to Angiotensin II-Induced Apoptosis in Ventricular Cardiomyocytes of Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2000, 36, 1065-1071.	2.7	59
99	Phenotyping of myocardial fibrosis in hypertensive patients with heart failure. Influence on clinical outcome. <i>Journal of Hypertension</i> , 2017, 35, 853-861.	0.5	58
100	A role for cardiotrophin-1 in myocardial remodeling induced by aldosterone. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H2372-H2382.	3.2	56
101	Increased CD74 expression in human atherosclerotic plaques: contribution to inflammatory responses in vascular cells. <i>Cardiovascular Research</i> , 2009, 83, 586-594.	3.8	55
102	Cardiotrophin 1 Is Involved in Cardiac, Vascular, and Renal Fibrosis and Dysfunction. <i>Hypertension</i> , 2012, 60, 563-573.	2.7	55
103	Myocardial fibrosis in chronic kidney disease: potential benefits of torasemide. <i>Kidney International</i> , 2008, 74, S19-S23.	5.2	54
104	Galectin-3 and histological, molecular and biochemical aspects of myocardial fibrosis in heart failure of hypertensive origin. <i>European Journal of Heart Failure</i> , 2015, 17, 385-392.	7.1	54
105	Combination of Circulating Type I Collagen-Related Biomarkers Is Associated With Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1398-1410.	2.8	54
106	Association Between Left Ventricular Mass and Telomere Length in a Population Study. <i>American Journal of Epidemiology</i> , 2010, 172, 440-450.	3.4	53
107	The Interleukin-1 Axis and Risk of Death in Patients With Acutely Decompensated Heart Failure. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1016-1025.	2.8	52
108	Molecular Mechanisms of Atherosclerosis in Metabolic Syndrome. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 2187-2194.	2.4	51

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109	Targeting the Heart in Heart Failure. <i>JACC: Heart Failure</i> , 2015, 3, 661-669.	4.1	50
110	The complex dynamics of myocardial interstitial fibrosis in heart failure. Focus on collagen cross-linking. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 1421-1432.	4.1	50
111	Telomere dysfunction in hypertension. <i>Journal of Hypertension</i> , 2007, 25, 2185-2192.	0.5	49
112	Association of Cardiotrophin-1 With Myocardial Fibrosis in Hypertensive Patients With Heart Failure. <i>Hypertension</i> , 2014, 63, 483-489.	2.7	48
113	Natural Compound Library Screening Identifies New Molecules for the Treatment of Cardiac Fibrosis and Diastolic Dysfunction. <i>Circulation</i> , 2020, 141, 751-767.	1.6	48
114	The loop diuretic torasemide interferes with endothelin-1 actions in the aorta of hypertensive rats. <i>Nephrology Dialysis Transplantation</i> , 2001, 16, 18-21.	0.7	47
115	Is the balance between nitric oxide and superoxide altered in spontaneously hypertensive rats with endothelial dysfunction?. <i>Nephrology Dialysis Transplantation</i> , 2001, 16, 2-5.	0.7	46
116	Altered cardiac expression of peroxisome proliferator-activated receptor-isoforms in patients with hypertensive heart disease. <i>Cardiovascular Research</i> , 2006, 69, 899-907.	3.8	46
117	Proteomic and Mechanistic Analysis of Spironolactone in Patients at Risk for HF. <i>JACC: Heart Failure</i> , 2021, 9, 268-277.	4.1	46
118	Clinical implications of apoptosis in hypertensive heart disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 284, H1495-H1506.	3.2	45
119	Increased phagocytic nicotinamide adenine dinucleotide phosphate oxidase-dependent superoxide production in patients with early chronic kidney disease. <i>Kidney International</i> , 2005, 68, S71-S75.	5.2	45
120	Characterization of the protective effects of cardiotrophin-1 against non-ischemic death stimuli in adult cardiomyocytes. <i>Cytokine</i> , 2005, 30, 282-292.	3.2	45
121	Association of plasma cardiotrophin-1 with stage C heart failure in hypertensive patients: Potential diagnostic implications. <i>Journal of Hypertension</i> , 2009, 27, 418-424.	0.5	45
122	Role of Cardiac Lymphatics in Myocardial Edema and Fibrosis. <i>Journal of the American College of Cardiology</i> , 2020, 76, 735-744.	2.8	45
123	Quinapril decreases myocardial accumulation of extracellular matrix components in spontaneously hypertensive rats. <i>American Journal of Hypertension</i> , 1995, 8, 815-822.	2.0	44
124	Association of Increased Plasma Cardiotrophin-1 With Inappropriate Left Ventricular Mass in Essential Hypertension. <i>Hypertension</i> , 2007, 50, 977-983.	2.7	44
125	Association of depressed cardiac gp130-mediated antiapoptotic pathways with stimulated cardiomyocyte apoptosis in hypertensive patients with heart failure. <i>Journal of Hypertension</i> , 2007, 25, 2148-2157.	0.5	44
126	Is leptin involved in phagocytic NADPH oxidase overactivity in obesity? Potential clinical implications. <i>Journal of Hypertension</i> , 2010, 28, 1944-1950.	0.5	44



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127	Differential hypertrophic effects of cardiotrophin-1 on adult cardiomyocytes from normotensive and spontaneously hypertensive rats. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 41, 902-913.	1.9	43
128	Usefulness of plasma cardiotrophin-1 in assessment of left ventricular hypertrophy regression in hypertensive patients. <i>Journal of Hypertension</i> , 2005, 23, 2297-2304.	0.5	42
129	Monocyte cyclooxygenase-2 overactivity: a new marker of subclinical atherosclerosis in asymptomatic subjects with cardiovascular risk factors?. <i>European Heart Journal</i> , 2005, 26, 153-158.	2.2	42
130	HIF-1-mediated up-regulation of cardiotrophin-1 is involved in the survival response of cardiomyocytes to hypoxia. <i>Cardiovascular Research</i> , 2011, 92, 247-255.	3.8	42
131	Absence of Cardiotrophin 1 Is Associated With Decreased Age-Dependent Arterial Stiffness and Increased Longevity in Mice. <i>Hypertension</i> , 2013, 61, 120-129.	2.7	42
132	Immunomodulation by adoptive regulatory T cell transfer improves Cocksackievirus B3-induced myocarditis. <i>FASEB Journal</i> , 2018, 32, 6066-6078.	0.5	42
133	Fibrosis. <i>Journal of the American College of Cardiology</i> , 2008, 52, 2029-2031.	2.8	41
134	Risk for Incident Heart Failure: A Subject-Level Meta-Analysis From the Heart OMICS in AGEing (HOMAGE) Study. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	41
135	Circulating Long Noncoding RNA LIPCAR Predicts Heart Failure Outcomes in Patients Without Chronic Kidney Disease. <i>Hypertension</i> , 2019, 73, 820-828.	2.7	41
136	Role of matrix metalloproteinases in hypertension-associated cardiac fibrosis. <i>Current Opinion in Nephrology and Hypertension</i> , 2004, 13, 197-204.	2.0	40
137	Insulin-induced NADPH oxidase activation promotes proliferation and matrix metalloproteinase activation in monocytes/macrophages. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1058-1067.	2.9	40
138	Treatment With Lisinopril Normalizes Serum Concentrations of Procollagen Type III Amino-Terminal Peptide in Patients With Essential Hypertension. <i>American Journal of Hypertension</i> , 1994, 7, 52-58.	2.0	39
139	Aldosterone Induces Cardiotrophin-1 Expression in HL-1 Adult Cardiomyocytes. <i>Endocrinology</i> , 2008, 149, 4970-4978.	2.8	39
140	MicroRNA-19b is a potential biomarker of increased myocardial collagen cross-linking in patients with aortic stenosis and heart failure. <i>Scientific Reports</i> , 2017, 7, 40696.	3.3	39
141	Osteoglycin prevents the development of age-related diastolic dysfunction during pressure overload by reducing cardiac fibrosis and inflammation. <i>Matrix Biology</i> , 2018, 66, 110-124.	3.6	39
142	Downregulation of G protein-coupled receptor kinase 2 levels enhances cardiac insulin sensitivity and switches on cardioprotective gene expression patterns. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 2448-2456.	3.8	38
143	The inhibitory effect of leptin on angiotensin II-induced vasoconstriction is blunted in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2006, 24, 1589-1597.	0.5	37
144	Upregulation of myocardial Annexin A5 in hypertensive heart disease: association with systolic dysfunction. <i>European Heart Journal</i> , 2007, 28, 2785-2791.	2.2	37

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145	Serum levels of matrix metalloproteinase-10 are associated with the severity of atherosclerosis in patients with chronic kidney disease. <i>Kidney International</i> , 2010, 78, 1275-1280.	5.2	37
146	Cartilage intermediate layer protein 1 (CILP1): A novel mediator of cardiac extracellular matrix remodelling. <i>Scientific Reports</i> , 2017, 7, 16042.	3.3	37
147	Urinary peptides in heart failure: a link to molecular pathophysiology. <i>European Journal of Heart Failure</i> , 2021, 23, 1875-1887.	7.1	37
148	Loss of myocardial LIF receptor in experimental heart failure reduces cardiotrophin-1 cytoprotection. A role for neurohumoral agonists?. <i>Cardiovascular Research</i> , 2007, 75, 536-545.	3.8	36
149	Towards a New Paradigm About Hypertensive Heart Disease. <i>Medical Clinics of North America</i> , 2009, 93, 637-645.	2.5	36
150	A novel CYBA variant, the 675A/T polymorphism, is associated with essential hypertension. <i>Journal of Hypertension</i> , 2007, 25, 1620-1626.	0.5	34
151	The combination of carboxy-terminal propeptide of procollagen type I blood levels and late gadolinium enhancement at cardiac magnetic resonance provides additional prognostic information in idiopathic dilated cardiomyopathy—A multilevel assessment of myocardial fibrosis in dilated cardiomyopathy. <i>European Journal of Heart Failure</i> , 2021, 23, 933-944.	7.1	34
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