

# Genevieve A Derumeaux

## List of Publications by Citations

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147  
papers

14,531  
citations

50  
h-index

120  
g-index

159  
ext. papers

16,932  
ext. citations

8.3  
avg, IF

5.55  
L-index

#	Paper	IF	Citations
147	Percutaneous transcatheter implantation of an aortic valve prosthesis for calcific aortic stenosis: first human case description. <i>Circulation</i> , <b>2002</b> , 106, 3006-8	16.7	2117
146	Recurrent cerebrovascular events associated with patent foramen ovale, atrial septal aneurysm, or both. <i>New England Journal of Medicine</i> , <b>2001</b> , 345, 1740-6	59.2	1082
145	Effect of cyclosporine on reperfusion injury in acute myocardial infarction. <i>New England Journal of Medicine</i> , <b>2008</b> , 359, 473-81	59.2	1026
144	Current and evolving echocardiographic techniques for the quantitative evaluation of cardiac mechanics: ASE/EAE consensus statement on methodology and indications endorsed by the Japanese Society of Echocardiography. <i>Journal of the American Society of Echocardiography</i> , <b>2011</b> , 24, 277-313	5.8	808
143	Echocardiographic evaluation of cardiac resynchronization therapy: ready for routine clinical use? A critical appraisal. <i>Journal of the American College of Cardiology</i> , <b>2004</b> , 44, 1-9	15.1	749
142	Current and evolving echocardiographic techniques for the quantitative evaluation of cardiac mechanics: ASE/EAE consensus statement on methodology and indications endorsed by the Japanese Society of Echocardiography. <i>European Journal of Echocardiography</i> , <b>2011</b> , 12, 167-205		667
141	Patent Foramen Ovale Closure or Anticoagulation vs. Antiplatelets after Stroke. <i>New England Journal of Medicine</i> , <b>2017</b> , 377, 1011-1021	59.2	581
140	Risk of embolism and death in infective endocarditis: prognostic value of echocardiography: a prospective multicenter study. <i>Circulation</i> , <b>2005</b> , 112, 69-75	16.7	446
139	Echocardiography for cardiac resynchronization therapy: recommendations for performance and reporting--a report from the American Society of Echocardiography Dyssynchrony Writing Group endorsed by the Heart Rhythm Society. <i>Journal of the American Society of Echocardiography</i> , <b>2008</b> , 21, 181-212	5.8	427
138	Cyclosporine before PCI in Patients with Acute Myocardial Infarction. <i>New England Journal of Medicine</i> , <b>2015</b> , 373, 1021-31	59.2	412
137	Long-term benefit of postconditioning. <i>Circulation</i> , <b>2008</b> , 117, 1037-44	16.7	347
136	Echocardiography predicts embolic events in infective endocarditis. <i>Journal of the American College of Cardiology</i> , <b>2001</b> , 37, 1069-76	15.1	293
135	Inhibition of GSK3beta by postconditioning is required to prevent opening of the mitochondrial permeability transition pore during reperfusion. <i>Circulation</i> , <b>2008</b> , 117, 2761-8	16.7	265
134	Value and limitations of the Duke criteria for the diagnosis of infective endocarditis. <i>Journal of the American College of Cardiology</i> , <b>1999</b> , 33, 2023-9	15.1	207
133	Recommendations on the Use of Echocardiography in Adult Hypertension: A Report from the European Association of Cardiovascular Imaging (EACVI) and the American Society of Echocardiography (ASE). <i>Journal of the American Society of Echocardiography</i> , <b>2015</b> , 28, 727-54	5.8	198
132	Post-conditioning reduces infarct size and edema in patients with ST-segment elevation myocardial infarction. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 59, 2175-81	15.1	171
131	Toward understanding response to cardiac resynchronization therapy: left ventricular dyssynchrony is only one of multiple mechanisms. <i>European Heart Journal</i> , <b>2009</b> , 30, 940-9	9.5	166

130	Effect of cyclosporine on left ventricular remodeling after reperfused myocardial infarction. <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 55, 1200-1205	15.1	155
129	Diastolic dysfunction in patients with type 2 diabetes mellitus: is it really the first marker of diabetic cardiomyopathy?. <i>Journal of the American Society of Echocardiography</i> , <b>2011</b> , 24, 1268-1275.e1	5.8	149
128	Inhibition of mitochondrial permeability transition improves functional recovery and reduces mortality following acute myocardial infarction in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 293, H1654-61	5.2	147
127	Recommendations on the use of echocardiography in adult hypertension: a report from the European Association of Cardiovascular Imaging (EACVI) and the American Society of Echocardiography (ASE) <i>European Heart Journal Cardiovascular Imaging</i> , <b>2015</b> , 16, 577-605	4.1	146
126	European Association of Echocardiography recommendations for training, competence, and quality improvement in echocardiography. <i>European Journal of Echocardiography</i> , <b>2009</b> , 10, 893-905		145
125	Tissue Doppler imaging predicts left ventricular dysfunction and mortality in a murine model of cardiac injury. <i>European Heart Journal</i> , <b>2006</b> , 27, 1868-75	9.5	130
124	Tissue Doppler imaging differentiates physiological from pathological pressure-overload left ventricular hypertrophy in rats. <i>Circulation</i> , <b>2002</b> , 105, 1602-8	16.7	127
123	Acute improvement in global and regional left ventricular systolic function after percutaneous heart valve implantation in patients with symptomatic aortic stenosis. <i>Circulation</i> , <b>2004</b> , 110, 1473-6	16.7	119
122	Impaired myocardial radial function in asymptomatic patients with type 2 diabetes mellitus: a speckle-tracking imaging study. <i>Journal of the American Society of Echocardiography</i> , <b>2010</b> , 23, 1266-72	5.8	117
121	Noninvasive assessment of murine pulmonary arterial pressure: validation and application to models of pulmonary hypertension. <i>Circulation: Cardiovascular Imaging</i> , <b>2010</b> , 3, 157-63	3.9	116
120	Influence of afterload on left ventricular radial and longitudinal systolic functions: a two-dimensional strain imaging study. <i>European Journal of Echocardiography</i> , <b>2009</b> , 10, 914-21		109
119	Endocarditis in the elderly: clinical, echocardiographic, and prognostic features. <i>European Heart Journal</i> , <b>2003</b> , 24, 1576-83	9.5	88
118	mTOR pathway activation drives lung cell senescence and emphysema. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	86
117	Tissue Doppler imaging detects early asymptomatic myocardial abnormalities in a dog model of Duchenne's cardiomyopathy. <i>European Heart Journal</i> , <b>2004</b> , 25, 1934-9	9.5	85
116	Quantitative assessment of regional myocardial function in mice by tissue Doppler imaging: comparison with hemodynamics and sonomicrometry. <i>Circulation</i> , <b>2005</b> , 111, 2611-6	16.7	84
115	Activation of lung p53 by Nutlin-3a prevents and reverses experimental pulmonary hypertension. <i>Circulation</i> , <b>2013</b> , 127, 1664-76	16.7	77
114	Can changes in systolic longitudinal deformation quantify regional myocardial function after an acute infarction? An ultrasonic strain rate and strain study. <i>Journal of the American Society of Echocardiography</i> , <b>2002</b> , 15, 723-30	5.8	77
113	Longitudinal myocardial strain alteration is associated with left ventricular remodeling in asymptomatic patients with type 2 diabetes mellitus. <i>Journal of the American Society of Echocardiography</i> , <b>2014</b> , 27, 479-88	5.8	74

112	The European CRT Survey: 1 year (9-15 months) follow-up results. <i>European Journal of Heart Failure</i> , <b>2012</b> , 14, 61-73	12.3	74
111	Right and left ventricular adaptation to hypoxia: a tissue Doppler imaging study. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2005</b> , 289, H1391-8	5.2	73
110	Clinical Implications of Echocardiographic Phenotypes of Patients With Diabetes Mellitus. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 1704-1716	15.1	70
109	A short duration of high-fat diet induces insulin resistance and predisposes to adverse left ventricular remodeling after pressure overload. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2008</b> , 295, H2495-502	5.2	70
108	Anticoagulant (fluindione)-aspirin combination in patients with high-risk atrial fibrillation. A randomized trial (Fluindione, Fibrillation Auriculaire, Aspirin et Contraste Spontané (FFAACs)). <i>Cerebrovascular Diseases</i> , <b>2001</b> , 12, 245-52	3.2	69
107	Normal Reference Ranges for Echocardiography: rationale, study design, and methodology (NORRE Study). <i>European Heart Journal Cardiovascular Imaging</i> , <b>2013</b> , 14, 303-8	4.1	67
106	Alterations of systolic left ventricular twist after acute myocardial infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2002</b> , 282, H357-62	5.2	67
105	Diabetic cardiomyopathy: myth or reality?. <i>Archives of Cardiovascular Diseases</i> , <b>2012</b> , 105, 218-25	2.7	65
104	Interobserver and intraobserver variability in detection of patent foramen ovale and atrial septal aneurysm with transesophageal echocardiography. <i>Journal of the American Society of Echocardiography</i> , <b>2002</b> , 15, 441-6	5.8	64
103	Visceral Adipose Tissue Drives Cardiac Aging Through Modulation of Fibroblast Senescence by Osteopontin Production. <i>Circulation</i> , <b>2018</b> , 138, 809-822	16.7	63
102	Assessment of left ventricular systolic function by deformation imaging derived from speckle tracking: a comparison between 2D and 3D echo modalities. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2014</b> , 15, 316-23	4.1	61
101	European position paper on the management of patients with patent foramen ovale. General approach and left circulation thromboembolism. <i>EuroIntervention</i> , <b>2019</b> , 14, 1389-1402	3.1	61
100	Multimodality Imaging in Restrictive Cardiomyopathies: An EACVI expert consensus document In collaboration with the "Working Group on myocardial and pericardial diseases" of the European Society of Cardiology Endorsed by The Indian Academy of Echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2017</b> , 18, 1090-1121	4.1	58
99	Diastolic asynchrony is more frequent than systolic asynchrony in dilated cardiomyopathy and is less improved by cardiac resynchronization therapy. <i>Journal of the American College of Cardiology</i> , <b>2005</b> , 46, 2250-7	15.1	57
98	Assessment of longitudinal and radial ventricular dyssynchrony in ischemic and nonischemic chronic systolic heart failure: a two-dimensional echocardiographic speckle-tracking strain study. <i>Journal of the American Society of Echocardiography</i> , <b>2008</b> , 21, 58-65	5.8	56
97	Selective endothelin-A versus combined endothelin-A/endothelin-B receptor blockade in rat chronic heart failure. <i>Circulation</i> , <b>2000</b> , 102, 491-3	16.7	49
96	Atrial natriuretic peptide regulates adipose tissue accumulation in adult atria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E771-E780	11.5	48
95	Right isovolumic contraction velocity predicts survival in pulmonary hypertension. <i>Journal of the American Society of Echocardiography</i> , <b>2013</b> , 26, 297-306	5.8	47

94	Multicentre study using strain delay index for predicting response to cardiac resynchronization therapy (MUSIC study). <i>European Journal of Heart Failure</i> , <b>2011</b> , 13, 984-91	12.3	46
93	Cardiac conduction alterations in a French family with amyloidosis of the Finnish type with the p.Asp187Tyr mutation in the GSN gene. <i>Muscle and Nerve</i> , <b>2006</b> , 33, 113-9	3.4	42
92	Quantification of myocardial extracellular volume fraction with cardiac MR imaging for early detection of left ventricle involvement in systemic sclerosis. <i>Radiology</i> , <b>2014</b> , 271, 373-80	20.5	39
91	Rationale and design of the Karolinska-Rennes (KaRen) prospective study of dyssynchrony in heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , <b>2009</b> , 11, 198-204	12.3	39
90	In vivo characterization of murine myocardial perfusion with myocardial contrast echocardiography: validation and application in nitric oxide synthase 3 deficient mice. <i>Circulation</i> , <b>2007</b> , 116, 1250-7	16.7	39
89	Comparison of right ventricular septal pacing and right ventricular apical pacing in patients receiving cardiac resynchronization therapy defibrillators: the SEPTAL CRT Study. <i>European Heart Journal</i> , <b>2016</b> , 37, 473-83	9.5	38
88	Acute myocardial infarction in mice: assessment of transmural by strain rate imaging. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 293, H496-502	5.2	37
87	Systolic myocardial dysfunction in patients with type 2 diabetes mellitus: identification at MR imaging with cine displacement encoding with stimulated echoes. <i>Radiology</i> , <b>2012</b> , 265, 402-9	20.5	34
86	mTOR inactivation in myocardium from infant mice rapidly leads to dilated cardiomyopathy due to translation defects and p53/JNK-mediated apoptosis. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2016</b> , 97, 213-25	5.8	34
85	Heme oxygenase-1: an emerging therapeutic target to curb cardiac pathology. <i>Basic Research in Cardiology</i> , <b>2014</b> , 109, 450	11.8	32
84	Prognostic value of right ventricular ejection fraction in pulmonary arterial hypertension. <i>European Respiratory Journal</i> , <b>2015</b> , 45, 139-49	13.6	32
83	P21-dependent protective effects of a carbon monoxide-releasing molecule-3 in pulmonary hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 304-12	9.4	32
82	Adaptation to myocardial ischemia during coronary angioplasty demonstrated by clinical, electrocardiographic, echocardiographic, and metabolic parameters. <i>American Heart Journal</i> , <b>1997</b> , 133, 490-6	4.9	32
81	Effect and Safety of Morphine Use in Acute Anterior ST-Segment Elevation Myocardial Infarction. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	31
80	Carbon monoxide-induced metabolic switch in adipocytes improves insulin resistance in obese mice. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	31
79	Myocardial alterations in senescent mice and effect of exercise training: a strain rate imaging study. <i>Circulation: Cardiovascular Imaging</i> , <b>2008</b> , 1, 227-34	3.9	30
78	The role of catheter ablation techniques in the treatment of classic (type 1) atrial flutter. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>1991</b> , 14, 2022-7	1.6	30
77	Osteopontin, a Key Mediator Expressed by Senescent Pulmonary Vascular Cells in Pulmonary Hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2016</b> , 36, 1879-90	9.4	29

76	Role for telomerase in pulmonary hypertension. <i>Circulation</i> , <b>2015</b> , 131, 742-755	16.7	29
75	Appropriateness criteria for cardiovascular imaging use in clinical practice: a position statement of the ESC/EACVI taskforce. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2014</b> , 15, 477-82	4.1	27
74	Aging-related systemic manifestations in COPD patients and cigarette smokers. <i>PLoS ONE</i> , <b>2015</b> , 10, e0121539	3.7	26
73	Evaluation of restenosis after balloon dilatation in adult aortic stenosis by repeat catheterization. <i>American Heart Journal</i> , <b>1991</b> , 122, 55-60	4.9	25
72	Short-term high-fat diet compromises myocardial function: a radial strain rate imaging study. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2017</b> , 18, 1283-1291	4.1	24
71	Right-to-left shunt with hypoxemia in pulmonary hypertension. <i>BMC Cardiovascular Disorders</i> , <b>2009</b> , 9, 15	2.3	24
70	Right ventricular pump function after cardiac resynchronization therapy: a strain imaging study. <i>Archives of Cardiovascular Diseases</i> , <b>2008</b> , 101, 475-84	2.7	24
69	Familial aortic aneurysm in Leonberg dogs. <i>Journal of the American Veterinary Medical Association</i> , <b>2003</b> , 223, 1159-62, 1129	1	23
68	An ovine model of chronic heart failure: echocardiographic and tissue Doppler imaging characterization. <i>Journal of Cardiac Surgery</i> , <b>2006</b> , 21, 50-6	1.3	21
67	Echocardiographic evidence for valvular toxicity of benfluorex: a double-blind randomised trial in patients with type 2 diabetes mellitus. <i>PLoS ONE</i> , <b>2012</b> , 7, e38273	3.7	21
66	Regional myocardial function after myocardial infarction in mice: a follow-up study by strain rate imaging. <i>Journal of the American Society of Echocardiography</i> , <b>2009</b> , 22, 198-205	5.8	19
65	Visit-to-Visit Blood Pressure Variability Is Associated With Cognitive Decline and Incident Dementia: The S.AGES Cohort. <i>Hypertension</i> , <b>2020</b> , 76, 1280-1288	8.5	19
64	Left atrial reverse remodeling and cardiac resynchronization therapy for chronic heart failure patients in sinus rhythm. <i>Journal of the American Society of Echocardiography</i> , <b>2009</b> , 22, 1152-8	5.8	17
63	Senescence-associated $\beta$ -galactosidase in subcutaneous adipose tissue associates with altered glycaemic status and truncal fat in severe obesity. <i>Diabetologia</i> , <b>2021</b> , 64, 240-254	10.3	17
62	Influence of microvascular obstruction on regional myocardial deformation in the acute phase of myocardial infarction: a speckle-tracking echocardiography study. <i>Journal of the American Society of Echocardiography</i> , <b>2014</b> , 27, 93-100	5.8	16
61	Calpastatin overexpression impairs postinfarct scar healing in mice by compromising reparative immune cell recruitment and activation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2015</b> , 309, H1883-93	5.2	16
60	Echocardiographic right ventricular strain analysis in chronic heart failure. <i>European Journal of Echocardiography</i> , <b>2007</b> , 8, 449-56		16
59	Relationship of systolic dysfunction to area at risk and infarction size after ischemia-reperfusion in mice. <i>Journal of the American Society of Echocardiography</i> , <b>2004</b> , 17, 948-53	5.8	16

58	The 2011-2012 pilot European Society of Cardiology Sentinel Registry of Transcatheter Aortic Valve Implantation: 12-month clinical outcomes. <i>EuroIntervention</i> , <b>2016</b> , 12, 79-87	3.1	16
57	Telomere Shortening in Middle-Aged Men with Sleep-disordered Breathing. <i>Annals of the American Thoracic Society</i> , <b>2016</b> , 13, 1136-43	4.7	16
56	Cardiovascular disease and COVID-19: a consensus paper from the ESC Working Group on Coronary Pathophysiology & Microcirculation, ESC Working Group on Thrombosis and the Association for Acute CardioVascular Care (ACVC), in collaboration with the European Heart Rhythm Association (EHRA). <i>Cardiovascular Research</i> , <b>2021</b> ,	9.9	16
55	National observatory on the therapeutic management in ambulatory care patients aged 65 and over, with type 2 diabetes, chronic pain or atrial fibrillation. <i>Therapie</i> , <b>2013</b> , 68, 265-83	3.8	15
54	Cardiac magnetic resonance demonstrates myocardial oedema in remote tissue early after reperfused myocardial infarction. <i>Archives of Cardiovascular Diseases</i> , <b>2009</b> , 102, 633-9	2.7	15
53	Left atrial appendage function analyzed by tissue Doppler imaging in mitral stenosis: effect of afterload reduction after mitral valve commissurotomy. <i>Journal of the American Society of Echocardiography</i> , <b>2005</b> , 18, 934-9	5.8	15
52	Diastolic function deterioration in type 2 diabetes mellitus: predictive factors over a 3-year follow-up. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2018</b> , 19, 67-73	4.1	13
51	Predicting falls in elderly patients with chronic pain and other chronic conditions. <i>Aging Clinical and Experimental Research</i> , <b>2015</b> , 27, 653-61	4.8	13
50	Speckle tracking imaging improves in vivo assessment of EPO-induced myocardial salvage early after ischemia-reperfusion in rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2010</b> , 298, H1679-86	5.2	13
49	Prolonged cardiac dysfunction after withdrawal of chronic cocaine exposure in rats. <i>Journal of Cardiovascular Pharmacology</i> , <b>2003</b> , 42, 642-7	3.1	13
48	Heterogeneity of Treatment Effects in an Analysis of Pooled Individual Patient Data From Randomized Trials of Device Closure of Patent Foramen Ovale After Stroke.. <i>JAMA - Journal of the American Medical Association</i> , <b>2021</b> , 326, 2277-2286	27.4	13
47	Cardiac adenylyl cyclase overexpression precipitates and aggravates age-related myocardial dysfunction. <i>Cardiovascular Research</i> , <b>2019</b> , 115, 1778-1790	9.9	13
46	Selective Tuberous Sclerosis Complex 1 Gene Deletion in Smooth Muscle Activates Mammalian Target of Rapamycin Signaling and Induces Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2016</b> , 55, 352-67	5.7	12
45	Consequences of dextropropoxyphene market withdrawal in elderly patients with chronic pain. <i>European Journal of Clinical Pharmacology</i> , <b>2014</b> , 70, 1237-42	2.8	12
44	Extracellular Calpain/Calpastatin Balance Is Involved in the Progression of Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2016</b> , 55, 337-51	5.7	12
43	Impact of comorbidity on medication use in elderly patients with cardiovascular diseases: the OCTOCARDIO study. <i>European Journal of Preventive Cardiology</i> , <b>2013</b> , 20, 524-30	3.9	11
42	Nitric oxide synthase 2 and pressure-overload-induced left ventricular remodelling in mice. <i>Experimental Physiology</i> , <b>2006</b> , 91, 633-9	2.4	11
41	Selenium diet-supplementation improves cocaine-induced myocardial oxidative stress and prevents cardiac dysfunction in rats. <i>Fundamental and Clinical Pharmacology</i> , <b>2004</b> , 18, 431-6	3.1	11

40	Primary care management of non-institutionalized elderly diabetic patients: The S.AGES cohort - Baseline data. <i>Primary Care Diabetes</i> , <b>2015</b> , 9, 267-74	2.4	9
39	Strain-rate imaging predicts the attenuation of left ventricular remodeling induced by ischemic postconditioning after myocardial infarction in mice. <i>Circulation: Cardiovascular Imaging</i> , <b>2011</b> , 4, 550-7	3.9	9
38	Non-cultured cell transplantation in an ovine model of non-ischemic heart failure. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2007</b> , 31, 444-51	3	9
37	Effects of surgery on ischaemic mitral regurgitation: a prospective multicentre registry (SIMRAM registry). <i>European Journal of Echocardiography</i> , <b>2008</b> , 9, 26-30		9
36	close: Closure of patent foramen ovale, oral anticoagulants or antiplatelet therapy to prevent stroke recurrence: Study design. <i>International Journal of Stroke</i> , <b>2016</b> , 11, 724-32	6.3	9
35	Brain death provokes very acute alteration in myocardial morphology detected by echocardiography: preventive effect of beta-blockers. <i>Transplant International</i> , <b>2011</b> , 24, 300-6	3	8
34	Hospital case volume and appropriate prescriptions at hospital discharge after acute myocardial infarction: a nationwide assessment. <i>Circulation: Cardiovascular Quality and Outcomes</i> , <b>2013</b> , 6, 50-7	5.8	7
33	Reduction in postsystolic wall thickening during late preconditioning. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 292, H158-64	5.2	7
32	Cardiolipin content controls mitochondrial coupling and energetic efficiency in muscle. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	7
31	Do male and female general practitioners differently prescribe chronic pain drugs to older patients?. <i>Pain Medicine</i> , <b>2015</b> , 16, 696-705	2.8	6
30	The prognostic significance of atrial fibrillation in heart failure with preserved ejection function: insights from KaRen, a prospective and multicenter study. <i>Heart and Vessels</i> , <b>2017</b> , 32, 735-749	2.1	5
29	Causes and consequences of cardiac fibrosis in patients referred for surgical aortic valve replacement. <i>ESC Heart Failure</i> , <b>2019</b> , 6, 649-657	3.7	5
28	Successful cardiac resynchronization therapy after cardiac surgery. <i>Anesthesia and Analgesia</i> , <b>2007</b> , 104, 71-4	3.9	5
27	Diagnostic potential of natriuretic peptides in the occult phase of golden retriever muscular dystrophy cardiomyopathy. <i>Journal of Veterinary Internal Medicine</i> , <b>2004</b> , 18, 845-50	3.1	5
26	European position paper on the management of patients with patent foramen ovale. Part II - Decompression sickness, migraine, arterial deoxygenation syndromes and select high-risk clinical conditions. <i>EuroIntervention</i> , <b>2021</b> , 17, e367-e375	3.1	5
25	Cardiovascular Drugs and Metformin Drug Dosage According to Renal Function in Non-Institutionalized Elderly Patients. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2016</b> , 118, 468-73 <sup>3.1</sup>		4
24	A New Three-Dimensional Echocardiography Method to Quantify Aortic Valve Calcification. <i>Journal of the American Society of Echocardiography</i> , <b>2018</b> , 31, 1073-1079	5.8	4
23	Trials of Patent Foramen Ovale Closure. <i>New England Journal of Medicine</i> , <b>2017</b> , 377, 2599-2600	59.2	4



22	Results of percutaneous transeptal mitral commissurotomy in patients 40 years and above with those under 40 years of age: immediate and 5-year follow-up results. <i>Catheterization and Cardiovascular Diagnosis</i> , <b>1994</b> , 32, 223-30; discussion 231		4
21	Phospholipase A2 receptor 1 promotes lung cell senescence and emphysema in obstructive lung disease. <i>European Respiratory Journal</i> , <b>2021</b> , 58,	13.6	4
20	Gender-Related Differences in the Control of Cardiovascular Risk Factors in Primary Care for Elderly Patients With Type 2 Diabetes: A Cohort Study. <i>Canadian Journal of Diabetes</i> , <b>2018</b> , 42, 365-371.e2 <sup>1</sup>		3
19	Are Systemic Manifestations Ascribable to COPD in Smokers? A Structural Equation Modeling Approach. <i>Scientific Reports</i> , <b>2018</b> , 8, 8569	4.9	3
18	Update on Percutaneous Mechanical Mitral Commissurotomy. <i>Journal of Interventional Cardiology</i> , <b>1998</b> , 11, S73-S76	1.8	3
17	Silent coronaropathy: usefulness of dobutamine stress echocardiography in ischemic stroke. <i>European Neurology</i> , <b>2006</b> , 56, 211-6	2.1	3
16	Dysregulated Phenylalanine Catabolism Plays a Key Role in the Trajectory of Cardiac Aging. <i>Circulation</i> , <b>2021</b> , 144, 559-574	16.7	3
15	Association between Cardiovascular Drugs and Chronic Kidney Disease in Non-Institutionalized Elderly Patients. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2015</b> , 117, 137-43	3.1	2
14	Intracardiac thrombi in primary antiphospholipid syndrome: two case reports. <i>European Journal of Internal Medicine</i> , <b>2003</b> , 14, 504-508	3.9	2
13	Cine-MR Fourier phase imaging for quantification of regional wall asynergy in patients with anterior myocardial infarction. <i>Journal of Computer Assisted Tomography</i> , <b>2002</b> , 26, 676-80	2.2	2
12	Results of balloon aortic valvuloplasty in patients with aortic stenosis associated with significant aortic regurgitation. <i>Journal of Interventional Cardiology</i> , <b>1993</b> , 6, 207-11	1.8	2
11	Predictive value of early cardiac magnetic resonance imaging functional and geometric indexes for adverse left ventricular remodelling in patients with anterior ST-segment elevation myocardial infarction: A report from the CIRCUS study. <i>Archives of Cardiovascular Diseases</i> , <b>2020</b> , 113, 710-720	2.7	2
10	Patent foramen ovale closure in stroke patients with migraine in the CLOSE trial. The CLOSE-MIG study. <i>European Journal of Neurology</i> , <b>2021</b> , 28, 2700-2707	6	2
9	New Nitric Oxide Donor NCX 1443: Therapeutic Effects on Pulmonary Hypertension in the SAD Mouse Model of Sickle Cell Disease. <i>Journal of Cardiovascular Pharmacology</i> , <b>2018</b> , 71, 283-292	3.1	1
8	Should we search for linear correlations between global strain parameters and ejection fraction? Reply. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2014</b> , 15, 1301-2	4.1	1
7	Atrioventricular nodal reverse alternating Wenckebach periods during fixed-rate atrial pacing. <i>American Journal of Cardiology</i> , <b>1994</b> , 73, 905-8	3	1
6	Sex Differences in the Occurrence of Major Clinical Events in Elderly People with Type 2 Diabetes Mellitus Followed up in the General Practice. <i>Experimental and Clinical Endocrinology and Diabetes</i> , <b>2020</b> , 128, 311-318	2.3	1
5	Cardiovascular phenotypes predict clinical outcomes in sickle cell disease: An echocardiography-based cluster analysis. <i>American Journal of Hematology</i> , <b>2021</b> , 96, 1166-1175	7.1	1

4	Adipose tissue senescence is mediated by increased ATP content after a short-term high-fat diet exposure. <i>Aging Cell</i> , <b>2021</b> , 20, e13421	9.9	1
3	Identification of factors impairing exercise capacity after severe COVID-19 pulmonary infection: a 3-month follow-up of prospective COVulnerability cohort.. <i>Respiratory Research</i> , <b>2022</b> , 23, 68	7.3	1
2	Beclin-1 increases with obstructive sleep apnea severity. <i>Sleep Medicine</i> , <b>2021</b> , 81, 474-476	4.6	0
1	Response by Sawaki et al to Letter Regarding Article, "Visceral Adipose Tissue Drives Cardiac Aging Through Modulation of Fibroblast Senescence by Osteopontin Production". <i>Circulation</i> , <b>2019</b> , 139, 845-846 <sup>167</sup>		