# Thierry C Gillebert

## List of Publications by Citations

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20,308 131 142 52 h-index g-index citations papers 6.52 153 23,595 7.1 L-index avg, IF ext. papers ext. citations

#	Paper	IF	Citations
131	2013 ESH/ESC guidelines for the management of arterial hypertension: the Task Force for the Management of Arterial Hypertension of the European Society of Hypertension (ESH) and of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , <b>2013</b> , 34, 2159-219	9.5	3400
130	Recommendations for the Evaluation of Left Ventricular Diastolic Function by Echocardiography: An Update from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. <i>Journal of the American Society of Echocardiography</i> , <b>2016</b> , 29, 277-314	5.8	2369
129	Recommendations for the evaluation of left ventricular diastolic function by echocardiography. <i>Journal of the American Society of Echocardiography</i> , <b>2009</b> , 22, 107-33	5.8	2344
128	Recommendations for the evaluation of left ventricular diastolic function by echocardiography. <i>European Journal of Echocardiography</i> , <b>2009</b> , 10, 165-93		1452
127	Irbesartan in patients with heart failure and preserved ejection fraction. <i>New England Journal of Medicine</i> , <b>2008</b> , 359, 2456-67	59.2	1307
126	Determinants of pulse wave velocity in healthy people and in the presence of cardiovascular risk factors: Restablishing normal and reference values European Heart Journal, 2010, 31, 2338-50	9.5	1257
125	Recommendations for the Evaluation of Left Ventricular Diastolic Function by Echocardiography: An Update from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2016</b> , 17, 1321-1360	4.1	1096
124	Personality as independent predictor of long-term mortality in patients with coronary heart disease. <i>Lancet, The</i> , <b>1996</b> , 347, 417-21	40	491
123	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , <b>2011</b> , 43, 1005-11	36.3	338
122	Endothelial outgrowth cells are not derived from CD133+ cells or CD45+ hematopoietic precursors. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2007</b> , 27, 1572-9	9.4	289
121	Diastolic failure: pathophysiology and therapeutic implications. <i>Journal of the American College of Cardiology</i> , <b>1993</b> , 22, 318-25	15.1	262
120	Telomere length and cardiovascular risk factors in a middle-aged population free of overt cardiovascular disease. <i>Aging Cell</i> , <b>2007</b> , 6, 639-47	9.9	260
119	Noninvasive (input) impedance, pulse wave velocity, and wave reflection in healthy middle-aged men and women. <i>Hypertension</i> , <b>2007</b> , 49, 1248-55	8.5	226
118	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
117	Afterload induced changes in myocardial relaxation: a mechanism for diastolic dysfunction. <i>Cardiovascular Research</i> , <b>1999</b> , 43, 344-53	9.9	190
116	Establishing reference values for central blood pressure and its amplification in a general healthy population and according to cardiovascular risk factors. <i>European Heart Journal</i> , <b>2014</b> , 35, 3122-33	9.5	188
115	NMR-based characterization of metabolic alterations in hypertension using an adaptive, intelligent binning algorithm. <i>Analytical Chemistry</i> , <b>2008</b> , 80, 3783-90	7.8	188

# (2009-2010)

1	114	Left ventricular mass: allometric scaling, normative values, effect of obesity, and prognostic performance. <i>Hypertension</i> , <b>2010</b> , 56, 91-8	8.5	167
1	113	Analysis of relaxation in the evaluation of ventricular function of the heart. <i>Progress in Cardiovascular Diseases</i> , <b>1985</b> , 28, 143-63	8.5	165
1	(12	Amplification of the pressure pulse in the upper limb in healthy, middle-aged men and women. <i>Hypertension</i> , <b>2009</b> , 54, 414-20	8.5	157
1	[11	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
1	110	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) European Heart Journal Cardiovascular Imaging, 2015, 16, 577-605	4.1	146
1	109	Ethnic-Specific Normative Reference Values for Echocardiographic LAland LV Size, LV Mass, and Systolic Function: The EchoNoRMAL Study. <i>JACC: Cardiovascular Imaging</i> , <b>2015</b> , 8, 656-65	8.4	125
1	108	Rationale, design, methods and baseline characteristics of the Asklepios Study. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , <b>2007</b> , 14, 179-91		124
1	107	Paternal age at birth is an important determinant of offspring telomere length. <i>Human Molecular Genetics</i> , <b>2007</b> , 16, 3097-102	5.6	124
1	106	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
1	105	Effects of age, gender, and left ventricular mass on septal mitral annulus velocity (ER and the ratio of transmitral early peak velocity to ER(E/ER. <i>American Journal of Cardiology</i> , <b>2005</b> , 95, 1020-3	3	112
1	104	Age and gender related patterns in carotid-femoral PWV and carotid and femoral stiffness in a large healthy, middle-aged population. <i>Journal of Hypertension</i> , <b>2008</b> , 26, 1411-9	1.9	106
1	103	Arterial stiffness and influences of the metabolic syndrome: a cross-countries study. <i>Atherosclerosis</i> , <b>2014</b> , 233, 654-660	3.1	97
1	102	Primary impairment of left ventricular function in Marfan syndrome. <i>International Journal of Cardiology</i> , <b>2006</b> , 112, 353-8	3.2	95
1	101	Triiodothyronine and free thyroxine levels are differentially associated with metabolic profile and adiposity-related cardiovascular risk markers in euthyroid middle-aged subjects. <i>Thyroid</i> , <b>2014</b> , 24, 223-	3 <sup>6.2</sup>	91
1	100	Recovery of systolic and diastolic left ventricular function early after cardiopulmonary bypass. <i>Anesthesiology</i> , <b>1996</b> , 85, 1063-75	4.3	91
9	99	Transient stress-induced cardiomyopathy with an "inverted takotsubo" contractile pattern. <i>Mayo Clinic Proceedings</i> , <b>2006</b> , 81, 1499-502	6.4	90
9	98	Load dependent diastolic dysfunction in heart failure. Heart Failure Reviews, 2000, 5, 345-55	5	89
Ş	97	Evaluation of noninvasive methods to assess wave reflection and pulse transit time from the pressure waveform alone. <i>Hypertension</i> , <b>2009</b> , 53, 142-9	8.5	86

96	Circulating oxidized low-density lipoprotein: a biomarker of atherosclerosis and cardiovascular risk?. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2009</b> , 47, 128-37	5.9	83
95	Early and late systolic wall stress differentially relate to myocardial contraction and relaxation in middle-aged adults: the Asklepios study. <i>Hypertension</i> , <b>2013</b> , 61, 296-303	8.5	82
94	Assessment of pressure wave reflection: getting the timing right!. <i>Physiological Measurement</i> , <b>2007</b> , 28, 1045-56	2.9	80
93	Time-varying myocardial stress and systolic pressure-stress relationship: role in myocardial-arterial coupling in hypertension. <i>Circulation</i> , <b>2009</b> , 119, 2798-807	16.7	79
92	Nonuniform course of left ventricular pressure fall and its regulation by load and contractile state. <i>Circulation</i> , <b>1994</b> , 90, 2481-91	16.7	79
91	Common genetic variation in the 3RBCL11B gene desert is associated with carotid-femoral pulse wave velocity and excess cardiovascular disease risk: the AortaGen Consortium. <i>Circulation:</i> Cardiovascular Genetics, 2012, 5, 81-90		76
90	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
89	Arterial load and ventricular-arterial coupling: physiologic relations with body size and effect of obesity. <i>Hypertension</i> , <b>2009</b> , 54, 558-66	8.5	72
88	Risk factors for primary ventricular fibrillation during acute myocardial infarction: a systematic review and meta-analysis. <i>European Heart Journal</i> , <b>2006</b> , 27, 2499-510	9.5	70
87	Arterial properties as determinants of time-varying myocardial stress in humans. <i>Hypertension</i> , <b>2012</b> , 60, 64-70	8.5	68
86	Relaxation-systolic pressure relation. A load-independent assessment of left ventricular contractility. <i>Circulation</i> , <b>1997</b> , 95, 745-52	16.7	68
85	Carotid tonometry versus synthesized aorta pressure waves for the estimation of central systolic blood pressure and augmentation index. <i>American Journal of Hypertension</i> , <b>2005</b> , 18, 1168-73	2.3	66
84	Myocardial Infarction Primes Autoreactive T Cells through Activation of Dendritic Cells. <i>Cell Reports</i> , <b>2017</b> , 18, 3005-3017	10.6	64
83	Noninvasive assessment of central and peripheral arterial pressure (waveforms): implications of calibration methods. <i>Journal of Hypertension</i> , <b>2010</b> , 28, 300-5	1.9	57
82	ESC core curriculum for the general cardiologist (2013). European Heart Journal, 2013, 34, 2381-411	9.5	56
81	Central pulse pressure and its hemodynamic determinants in middle-aged adults with impaired fasting glucose and diabetes: the Asklepios study. <i>Diabetes Care</i> , <b>2013</b> , 36, 2359-65	14.6	56
8o	Determining carotid artery pressure from scaled diameter waveforms: comparison and validation of calibration techniques in 2026 subjects. <i>Physiological Measurement</i> , <b>2008</b> , 29, 1267-80	2.9	55
79	Distance measurements for the assessment of carotid to femoral pulse wave velocity. <i>Journal of Hypertension</i> , <b>2009</b> , 27, 2377-85	1.9	51

### (2007-2009)

78	Time course and mechanisms of left ventricular systolic and diastolic dysfunction in monocrotaline-induced pulmonary hypertension. <i>Basic Research in Cardiology</i> , <b>2009</b> , 104, 535-45	11.8	50
77	Systemic telomere length and preclinical atherosclerosis: the Asklepios Study. <i>European Heart Journal</i> , <b>2009</b> , 30, 3074-81	9.5	48
76	Aortic reflection coefficients and their association with global indexes of wave reflection in healthy controls and patients with Marfanß syndrome. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2006</b> , 290, H2385-92	5.2	43
75	Influence of loading patterns on peak length-tension relation and on relaxation in cardiac muscle. Journal of the American College of Cardiology, <b>1989</b> , 13, 483-90	15.1	42
74	Functional analysis of the common carotid artery: relative distension differences over the vessel wall measured in vivo. <i>Journal of Hypertension</i> , <b>2004</b> , 22, 973-81	1.9	37
73	Oxidized low-density lipoprotein cholesterol is associated with decreases in cardiac function independent of vascular alterations. <i>Hypertension</i> , <b>2008</b> , 52, 535-41	8.5	36
72	Prevalence of mechanical dyssynchrony in patients with heart failure and preserved left ventricular function (a report from the Belgian Multicenter Registry on dyssynchrony). <i>American Journal of Cardiology</i> , <b>2005</b> , 96, 1543-8	3	34
71	Effective arterial elastance is insensitive to pulsatile arterial load. <i>Hypertension</i> , <b>2014</b> , 64, 1022-31	8.5	32
70	Time intervals and global cardiac function. Use and limitations. European Heart Journal, 2004, 25, 2185-	· <b>6</b> 9.5	31
69	The relationship between diet and subclinical atherosclerosis: results from the Asklepios Study. <i>European Journal of Clinical Nutrition</i> , <b>2011</b> , 65, 606-13	5.2	30
68	Global and regional parameters of dyssynchrony in ischemic and nonischemic cardiomyopathy. <i>American Journal of Cardiology</i> , <b>2005</b> , 95, 421-3	3	30
67	Thyroid hormone levels within reference range are associated with heart rate, cardiac structure, and function in middle-aged men and women. <i>Thyroid</i> , <b>2013</b> , 23, 947-54	6.2	28
66	The change in arterial stiffness over the cardiac cycle rather than diastolic stiffness is independently associated with left ventricular mass index in healthy middle-aged individuals. <i>Journal of Hypertension</i> , <b>2012</b> , 30, 396-402	1.9	28
65	Incremental prognostic value of combined perfusion and function assessment during myocardial gated SPECT in patients aged 75 years or older. <i>Journal of Nuclear Cardiology</i> , <b>2005</b> , 12, 662-70	2.1	28
64	Femoral plaques confound the association of circulating oxidized low-density lipoprotein with carotid atherosclerosis in a general population aged 35 to 55 years: the Asklepios Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2008</b> , 28, 1563-8	9.4	27
63	Noninvasive assessment of left ventricular and myocardial contractility in middle-aged men and women: disparate evolution above the age of 50?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 292, H856-65	5.2	27
62	Afterload-induced diastolic dysfunction contributes to high filling pressures in experimental heart failure with preserved ejection fraction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2015</b> , 309, H1648-54	5.2	25
61	Validation of a new automated IMT measurement algorithm. <i>Journal of Human Hypertension</i> , <b>2007</b> , 21, 976-8	2.6	22

60	Effects of postural changes on cardiac function in healthy subjects. <i>European Journal of Echocardiography</i> , <b>2003</b> , 4, 196-201		22
59	Diastolic tolerance to systolic pressures closely reflects systolic performance in patients with coronary heart disease. <i>Basic Research in Cardiology</i> , <b>2012</b> , 107, 251	11.8	21
58	Lower red blood cell counts in middle-aged subjects with shorter peripheral blood leukocyte telomere length. <i>Aging Cell</i> , <b>2008</b> , 7, 700-5	9.9	20
57	Leukocyte telomere length and diet in the apparently healthy, middle-aged Asklepios population. <i>Scientific Reports</i> , <b>2018</b> , 8, 6540	4.9	19
56	The use of Tissue Doppler Imaging for the assessment of changes in myocardial structure and function in inherited cardiomyopathies. <i>European Journal of Echocardiography</i> , <b>2005</b> , 6, 243-50		19
55	The hemodynamic manifestation of normal myocardial relaxation. A framework for experimental and clinical evaluation. <i>Acta Cardiologica</i> , <b>1997</b> , 52, 223-46	0.9	19
54	Relationship between QRS duration, left ventricular volumes and prevalence of nonviability in patients with coronary artery disease and severe left ventricular dysfunction. <i>European Journal of Heart Failure</i> , <b>2006</b> , 8, 275-7	12.3	17
53	Maximum oxygen uptake at peak exercise in elderly patients with coronary artery disease and preserved left ventricular function: the role of inflammation on top of tissue Doppler-derived systolic and diastolic function. <i>American Heart Journal</i> , <b>2006</b> , 152, 297.e1-7	4.9	17
52	Load dependence of left ventricular contraction and relaxation. Effects of caffeine. <i>Basic Research in Cardiology</i> , <b>1999</b> , 94, 284-93	11.8	17
51	Cardiac involvement in juvenile ceroid lipofuscinosis of the Spielmeyer-Vogt-Sjgren type: prospective noninvasive findings in two siblings. <i>European Neurology</i> , <b>1984</b> , 23, 166-72	2.1	17
50	Transthoracic tissue Doppler imaging of the atria: a novel method to determine the atrial fibrillation cycle length. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2006</b> , 17, 1202-9	2.7	16
49	Stem cells for the heart, are we there yet?. Cardiology, 2003, 100, 176-85	1.6	16
48	Effect of Obesity on Left Atrial Strain in Persons Aged 35-55 Years (The Asklepios Study). <i>American Journal of Cardiology</i> , <b>2019</b> , 123, 854-861	3	16
47	Echo-Doppler assessment of diastole: flow, function and haemodynamics. <i>Heart</i> , <b>2013</b> , 99, 55-64	5.1	15
46	On cross-sectional associations of leukocyte telomere length with cardiac systolic, diastolic and vascular function: the Asklepios study. <i>PLoS ONE</i> , <b>2014</b> , 9, e115071	3.7	15
45	Myocarditis Elicits Dendritic Cell and Monocyte Infiltration in the Heart and Self-Antigen Presentation by Conventional Type 2 Dendritic Cells. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2714	8.4	15
44	Reversal of Aging-Induced Increases in Aortic Stiffness by Targeting Cytoskeletal Protein-Protein Interfaces. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	14
43	Effects of calcium on left ventricular function early after cardiopulmonary bypass. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>1997</b> , 11, 864-9	2.1	14

42	No shorter telomeres in subjects with a family history of cardiovascular disease in the Asklepios study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2012</b> , 32, 3076-81	9.4	13
41	The Effects of <code>Adrenergic</code> Stimulation on the Length-Dependent Regulation of Myocardial Function in Coronary Surgery Patients. <i>Anesthesia and Analgesia</i> , <b>1999</b> , 89, 835	3.9	13
40	Alteration of left ventricular endocardial function by intracavitary high-power ultrasound interacts with volume, inotropic state, and alpha 1-adrenergic stimulation. <i>Circulation</i> , <b>1993</b> , 87, 1275-85	16.7	12
39	Diastolic dysfunction in post-cardiac surgical management. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>1993</b> , 7, 18-20	2.1	10
38	Letter by Nagueh et al regarding article, "Tissue Doppler imaging in the estimation of intracardiac filling pressure in decompensated patients with advanced systolic heart failure". <i>Circulation</i> , <b>2009</b> , 120, e44	16.7	9
37	Modest opposite associations of endogenous testosterone and oestradiol with left ventricular remodelling and function in healthy middle-aged men. <i>Journal of Developmental and Physical Disabilities</i> , <b>2011</b> , 34, e587-93		8
36	Addition of a novel, protective family history category allows better profiling of cardiovascular risk and atherosclerotic burden in the general population. The Asklepios Study. <i>PLoS ONE</i> , <b>2013</b> , 8, e63185	3.7	7
35	Diastolic dysfunction, infarct size, and exercise capacity in remote myocardial infarction: a combined approach of mitral E-wave deceleration time and color M-mode flow propagation velocity. <i>American Journal of Cardiology</i> , <b>2002</b> , 89, 593-5	3	6
34	Effects of nicardipine and urapidil on length-dependent regulation of myocardial function in coronary artery surgery patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>1999</b> , 13, 677-83	2.1	6
33	Continuous total intravenous anesthesia, using propofol and fentanyl in an open-thorax rabbit model: evaluation of cardiac contractile function and biochemical assessment. <i>Laboratory Animal Science</i> , <b>1997</b> , 47, 367-75		6
32	About left ventricular torsion, sex differences, shear strain, and diastolic heart failure. <i>European Heart Journal</i> , <b>2008</b> , 29, 1215-7	9.5	5
31	Diastolic dysfunction and hypertension. <i>New England Journal of Medicine</i> , <b>2001</b> , 344, 1401-2	59.2	5
30	Allometric versus ratiometric normalization of left ventricular stroke volume by Doppler-echocardiography for outcome prediction in severe aortic stenosis with preserved ejection fraction. <i>International Journal of Cardiology</i> , <b>2020</b> , 301, 235-241	3.2	5
29	The heart as an integrated muscle and pump system: triple control and subdivision of the cardiac cycle. <i>Acta Cardiologica</i> , <b>1984</b> , 39, 89-95	0.9	4
28	European certification of clinical competence in adult echocardiography issued in Belgium. The Steering Committee of the Belgian Working Group on Echocardiography and Cardiac Doppler. <i>Acta Cardiologica</i> , <b>1995</b> , 50, 265-71	0.9	4
27	Family history of cardiovascular disease and offspring echocardiographic left ventricular structure and function: the Asklepios Study. <i>Journal of the American Society of Echocardiography</i> , <b>2013</b> , 26, 1290-	1297.e	2 <sup>3</sup>
26	Response to Method errors or unexplained biological information?. <i>Hypertension</i> , <b>2011</b> , 57, e9-10	8.5	3
25	Effects of lidoflazine on left ventricular function in patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>1997</b> , 11, 42-8	2.1	3

24	Sodium nitroprusside enhances in vivo left ventricular function in beta-adrenergically stimulated rabbit hearts. <i>Cardiovascular Research</i> , <b>1998</b> , 38, 133-9	9.9	3
23	Coronary artery surgery in patients with myxoedema. <i>Acta Cardiologica</i> , <b>1984</b> , 39, 139-45	0.9	3
22	Post-traumatic infarction due to blunt chest trauma. Report of two cases. <i>Acta Cardiologica</i> , <b>1980</b> , 35, 445-53	0.9	3
21	Diabetes and impaired fasting glucose as predictors of morbidity and mortality in male coronary artery disease patients with reduced left ventricular function. <i>Acta Cardiologica</i> , <b>2006</b> , 61, 137-43	0.9	3
20	MRI Assessment of Diastolic and Systolic Intraventricular Pressure Gradients in Heart Failure. <i>Current Heart Failure Reports</i> , <b>2016</b> , 13, 37-46	2.8	2
19	Using Flow Waveform Approximations for Aortic Wave Reflection and Pulse Transit Time Assessment: A Critical Evaluation <b>2008</b> ,		2
18	The Parametrized Diastolic Filling Formalism: Application in the Asklepios Population 2011,		2
17	Muscle strength is a major determinant of the blood pressure response to isometric stress testing: the Asklepios population study. <i>Journal of Hypertension</i> , <b>2020</b> , 38, 224-234	1.9	2
16	Prediction of filling pressures and outcome in heart failure: can we improve E/eR. European Heart Journal Cardiovascular Imaging, <b>2019</b> , 20, 655-657	4.1	1
15	Doppler estimation of filling pressures in a patient with hypertrophic cardiomyopathy. <i>Echocardiography</i> , <b>2003</b> , 20, 163-5	1.5	1
14	Nonlinear biphasic relationship between the time constant tau and load. <i>Cardiovascular Research</i> , <b>2000</b> , 45, 1065-7	9.9	1
13	Pressure relaxation of the left ventricle and filling pressures. <i>Journal of the American College of Cardiology</i> , <b>2000</b> , 36, 1438-9	15.1	1
12	Right heart thromboembolism after cardiac surgery. European Heart Journal, 1986, 7, 86-90	9.5	1
11	Beat-to-beat modulation of right and left ventricular positive dP/dt by afterload. Implications for the evaluation of inotropy. <i>Acta Cardiologica</i> , <b>2003</b> , 58, 327-34	0.9	1
10	Feasibility and agreement of a novel combined echocardiographic method to measure global longitudinal strain and strain rate compared to speckle tracking and tissue Doppler imaging. <i>Acta Cardiologica</i> , <b>2020</b> , 75, 191-199	0.9	1
9	Response to Bai. Journal of the American Society of Echocardiography, 2009, 22, 860	5.8	
8	Right sided infective endocarditis: tempus fugit!. European Journal of Echocardiography, 2006, 7, 235-8		
7	Influence of sex on arterial stiffening evaluated using a pressure-dependent, geometry-independent stiffness index. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2007</b> , 10, 117-118	2.1	

#### LIST OF PUBLICATIONS

6	The effects of beta-adrenergic stimulation on the length-dependent regulation of myocardial function in coronary surgery patients. <i>Anesthesia and Analgesia</i> , <b>1999</b> , 89, 835-42	3.9
5	Endothelial-Ventricular Interaction in Normal and Diseased Hearts <b>1994</b> , 187-191	
4	Pathophysiologic Aspects of Myocardial Relaxation and End-Diastolic Stiffness of Cardiac Ventricles <b>2008</b> , 21-39	
3	Mechanisms of endocardial endothelium modulation of myocardial performance. <i>Advances in Experimental Medicine and Biology</i> , <b>1993</b> , 346, 51-8	3.6
2	Inotropic effects of sodium nitroprusside: a clinical study on coronary surgery patients. <i>Acta Cardiologica</i> , <b>1997</b> , 52, 347-57	0.9
1	Myocardial function: from myofilaments to cardiac pump <b>2022</b> , 211-225	