Federico Lombardi

List of Publications by Citations

200 papers	15,943 citations	51 h-index	124 g-index
223 ext. papers	17,527 ext. citations	4.8 avg, IF	5.89 L-index

#	Paper	IF	Citations
200	Power spectral analysis of heart rate and arterial pressure variabilities as a marker of sympatho-vagal interaction in man and conscious dog. *Circulation Research*, **1986**, 59, 178-93	15.7	3241
199	Cardiovascular neural regulation explored in the frequency domain. *Circulation*, **1991**, 84, 482-92	16.7	2768
198	Power spectrum analysis of heart rate variability to assess the changes in sympathovagal balance during graded orthostatic tilt. *Circulation*, **1994**, 90, 1826-31	16.7	820
197	Continuous 24-hour assessment of the neural regulation of systemic arterial pressure and RR variabilities in ambulant subjects. *Circulation*, **1990**, 81, 537-47	16.7	625
196	Heart rate variability as an index of sympathovagal interaction after acute myocardial infarction. *American Journal of Cardiology*, **1987**, 60, 1239-45	3	552
195	Advances in heart rate variability signal analysis: joint position statement by the e-Cardiology ESC Working Group and the European Heart Rhythm Association co-endorsed by the Asia Pacific Heart Rhythm Society. *Europace*, **2015**, 17, 1341-53	3.9	386
194	Heart rate turbulence: standards of measurement, physiological interpretation, and clinical use: International Society for Holter and Noninvasive Electrophysiology Consensus. *Journal of the American College of Cardiology*, **2008**, 52, 1353-65	15.1	315
193	Spectral analysis of heart rate variability in the assessment of autonomic diabetic neuropathy. *Journal of the Autonomic Nervous System*, **1988**, 23, 143-53		279
192	Sympathetic predominance in essential hypertension: a study employing spectral analysis of heart rate variability. *Journal of Hypertension*, **1988**, 6, 711-7	1.9	268
191	Spectral and cross-spectral analysis of heart rate and arterial blood pressure variability signals. *Journal of Biomedical Informatics*, **1986**, 19, 520-34		237
190	A cardiocardiac sympathovagal reflex in the cat. *Circulation Research*, **1973**, 32, 215-20	15.7	229
189	Atrial fibrillation: current knowledge and recommendations for management. Working Group on Arrhythmias of the European Society of Cardiology. *European Heart Journal*, **1998**, 19, 1294-320	9.5	194
188	Fish oil and postoperative atrial fibrillation: the Omega-3 Fatty Acids for Prevention of Post-operative Atrial Fibrillation (OPERA) randomized trial. *JAMA - Journal of the American Medical Association*, **2012**, 308, 2001-11	27.4	168
187	Comparison between noninvasive indices of baroreceptor sensitivity and the phenylephrine method in post-myocardial infarction patients. *Circulation*, **1998**, 97, 1362-7	16.7	163
186	Model for the assessment of heart period and arterial pressure variability interactions and of respiration influences. *Medical and Biological Engineering and Computing*, **1994**, 32, 143-52	3.1	159
185	Heart rate variability signal processing: a quantitative approach as an aid to diagnosis in cardiovascular pathologies. *International Journal of Bio-medical Computing*, **1987**, 20, 51-70		153
184	Effects of beta blockers (atenolol or metoprolol) on heart rate variability after acute myocardial infarction. *American Journal of Cardiology*, **1994**, 74, 340-5	3	151

183	Heart rate variability and its sympatho-vagal modulation. *Cardiovascular Research*, **1996**, 32, 208-16	9.9	147
182	Clinical implications of present physiological understanding of HRV components. *Journal of Interventional Cardiac Electrophysiology*, **2002**, 6, 245-9		142
181	Relationship between sympathetic neural activity, coronary dynamics, and vulnerability to ventricular fibrillation during myocardial ischemia and reperfusion. *American Heart Journal*, **1983**, 105, 958-65	4.9	138
180	Chaos theory, heart rate variability, and arrhythmic mortality. *Circulation*, **2000**, 101, 8-10	16.7	134
179	Analysis of surface electrocardiograms in atrial fibrillation: techniques, research, and clinical applications. *Europace*, **2006**, 8, 911-26	3.9	127
178	Sympathetic predominance followed by functional denervation in the progression of chronic heart failure. *European Heart Journal*, **1995**, 16, 1100-7	9.5	121
177	Circadian variation of spectral indices of heart rate variability after myocardial infarction. *American Heart Journal*, **1992**, 123, 1521-9	4.9	105
176	Heart rate variability and early recurrence of atrial fibrillation after electrical cardioversion. *Journal of the American College of Cardiology*, **2001**, 37, 157-62	15.1	100
175	Linear and nonlinear dynamics of heart rate variability after acute myocardial infarction with normal and reduced left ventricular ejection fraction. *American Journal of Cardiology*, **1996**, 77, 1283-8	3	96
174	Consideration of the fundamental mechanisms eliciting cardiac pain. *American Heart Journal*, **1982**, 103, 575-8	4.9	95
173	Physiology and clinical implications of variability of cardiovascular parameters with focus on heart rate and blood pressure. *American Journal of Cardiology*, **1994**, 73, 3C-9C	3	93
172	Conditional entropy approach for the evaluation of the coupling strength. *Biological Cybernetics*, **1999**, 81, 119-29	2.8	90
171	Presence of vasomotor and respiratory rhythms in the discharge of single medullary neurons involved in the regulation of cardiovascular system. *Journal of the Autonomic Nervous System*, **1996**, 57, 116-22		87
170	Aggravation of arrhythmia induced with antiarrhythmic drugs during electrophysiologic testing. *American Heart Journal*, **1985**, 110, 9-16	4.9	87
169	Long-Term Prognostic Value of Cardiac Magnetic Resonance in Left Ventricle Noncompaction: A Prospective Multicenter Study. *Journal of the American College of Cardiology*, **2016**, 68, 2166-2181	15.1	83
168	Sudden cardiac death: role of heart rate variability to identify patients at risk. *Cardiovascular Research*, **2001**, 50, 210-7	9.9	83
167	Power spectral analysis of cardiovascular variability in patients at risk for sudden cardiac death. *Journal of Cardiovascular Electrophysiology*, **1994**, 5, 274-86	2.7	80
166	Origin of heart rate variability and turbulence: an appraisal of autonomic modulation of cardiovascular function. *Frontiers in Physiology*, **2011**, 2, 95	4.6	79

165	Heart rate variability patterns before ventricular tachycardia onset in patients with an implantable cardioverter defibrillator. Participating Investigators of ICD-HRV Italian Study Group. *American Journal of Cardiology*, **2000**, 86, 959-63	3	76
164	Spectral analysis of sympathetic discharge, R-R interval and systolic arterial pressure in decerebrate cats. *Journal of the Autonomic Nervous System*, **1992**, 40, 21-31		71
163	Quantifying electrocardiogram RT-RR variability interactions. *Medical and Biological Engineering and Computing*, **1998**, 36, 27-34	3.1	70
162	Autonomic nervous system and paroxysmal atrial fibrillation: a study based on the analysis of RR interval changes before, during and after paroxysmal atrial fibrillation. *European Heart Journal*, **2004**, 25, 1242-8	9.5	67
161	Reflex responses of sympathetic preganglionic neurones initiated by different cardiovascular receptors in spinal animals. *Brain Research*, **1974**, 68, 215-25	3.7	65
160	Performance assessment of standard algorithms for dynamic R-T interval measurement: comparison between R-Tapex and R-T(end) approach. *Medical and Biological Engineering and Computing*, **1998**, 36, 35-42	3.1	62
159	Efficacy of acupuncture in preventing atrial fibrillation recurrences after electrical cardioversion. *Journal of Cardiovascular Electrophysiology*, **2011**, 22, 241-7	2.7	61
158	Autonomic nervous system adaptations to short-term exercise training. *Chest*, **1992**, 101, 299S-303S	5.3	60
157	Heart rate variability in the early hours of an acute myocardial infarction. *American Journal of Cardiology*, **1996**, 77, 1037-44	3	58
156	Efficacy and safety of propafenone sustained release in the prophylaxis of symptomatic paroxysmal atrial fibrillation (The European Rythmol/Rytmonorm Atrial Fibrillation Trial [ERAFT] Study). *American Journal of Cardiology*, **2002**, 90, 1300-6	3	57
155	Detection of atrial fibrillation episodes using a wristband device. *Physiological Measurement*, **2017**, 38, 787-799	2.9	55
154	Prognostic value of signal-averaged electrocardiogram in Chagas disease. *Journal of Cardiovascular Electrophysiology*, **2008**, 19, 502-9	2.7	52
153	Utility of implantable loop recorder (Reveal Plus) in the diagnosis of unexplained syncope. *Europace* , **2005**, 7, 19-24	3.9	52
152	Bariatric surgery and prevention of cardiovascular events and mortality in morbid obesity: mechanisms of action and choice of surgery. *Nutrition, Metabolism and Cardiovascular Diseases*, **2015**, 25, 437-43	4.5	51
151	Postinfarct Left Ventricular Remodelling: A Prevailing Cause of Heart Failure. *Cardiology Research and Practice*, **2016**, 2016, 2579832	1.9	51
150	Fish oil and post-operative atrial fibrillation: a meta-analysis of randomized controlled trials. *Journal of the American College of Cardiology*, **2013**, 61, 2194-6	15.1	49
149	Engage me in taking care of my heart: a grounded theory study on patient-cardiologist relationship in the hospital management of heart failure. *BMJ Open*, **2015**, 5, e005582	3	49
148	Spinal cardiovascular reflexes. *Brain Research*, **1975**, 87, 239-46	3.7	49

147	Holter Monitoring and Loop Recorders: From Research to Clinical Practice. *Arrhythmia and Electrophysiology Review*, **2016**, 5, 136-43	3.2	49
146	Power-law behavior of heart rate variability in Chagas' disease. *American Journal of Cardiology*, **2002**, 89, 414-8	3	48
145	Role of the input/output relation of sinoatrial myocytes in cholinergic modulation of heart rate variability. *Journal of Cardiovascular Electrophysiology*, **2000**, 11, 522-30	2.7	48
144	Early occurrence of anti-muscarinic autoantibodies and abnormal vagal modulation in Chagas disease. *International Journal of Cardiology*, **2007**, 117, 59-63	3.2	46
143	Efficacy and safety of implantable cardioverter-defibrillators in patients with Chagas disease. *Europace*, **2013**, 15, 957-62	3.9	45
142	Heart rate variability: disagreement on the markers of sympathetic and parasympathetic activities. *Journal of the American College of Cardiology*, **1993**, 22, 951-3	15.1	45
141	Daily reproducibility of electrophysiologic test results in malignant ventricular arrhythmia. *American Journal of Cardiology*, **1986**, 57, 96-101	3	45
140	Azimilide vs. placebo and sotalol for persistent atrial fibrillation: the A-COMET-II (Azimilide-CardiOversion MaintEnance Trial-II) trial. *European Heart Journal*, **2006**, 27, 2224-31	9.5	41
139	Beta-blocking effect of propafenone based on spectral analysis of heart rate variability. *American Journal of Cardiology*, **1992**, 70, 1028-34	3	40
138	Electrocardiology of atrial fibrillation. Current knowledge and future challenges. *IEEE Engineering in Medicine and Biology Magazine*, **2006**, 25, 15-23		39
137	Pure Autonomic Failure: complex abnormalities in the neural mechanisms regulating the cardiovascular system. *Journal of the Autonomic Nervous System*, **1995**, 51, 223-35		39
136	Spectral analysis of short term R-Tapex interval variability during sinus rhythm and fixed atrial rate. *European Heart Journal*, **1996**, 17, 769-78	9.5	38
135	CrossTalk proposal: Heart rate variability is a valid measure of cardiac autonomic responsiveness. *Journal of Physiology*, **2019**, 597, 2595-2598	3.9	37
134	Autonomic dysfunction in mild cognitive impairment: evidence from power spectral analysis of heart rate variability in a cross-sectional case-control study. *PLoS ONE*, **2014**, 9, e96656	3.7	37
133	Prognostic Benefit of Cardiac Magnetic Resonance Over Transthoracic Echocardiography for the Assessment of Ischemic and Nonischemic Dilated Cardiomyopathy Patients Referred for the Evaluation of Primary Prevention Implantable Cardioverter-Defibrillator Therapy. *Circulation: Cardiovascular Imaging*, **2016**, 9,	3.9	37
132	Clinical exploration of the autonomic nervous system by means of electrocardiography. *Annals of the New York Academy of Sciences*, **1990**, 601, 234-46	6.5	35
131	Neprilysin inhibition for heart failure. *New England Journal of Medicine*, **2014**, 371, 2336-7	59.2	33
130	Assessment of the coupling between RTapex and RR interval as an index of temporal dispersion of ventricular repolarization. *PACE - Pacing and Clinical Electrophysiology*, **1998**, 21, 2396-400	1.6	32

129	Autonomic nervous system adaptations to short-term exercise training. *Chest*, **1992**, 101, 299S-303S	5.3	32
128	Oxidative Stress Biomarkers and Incidence of Postoperative Atrial Fibrillation in the Omega-3 Fatty Acids for Prevention of Postoperative Atrial Fibrillation (OPERA) Trial. *Journal of the American Heart Association*, **2015**, 4,	6	30
127	Functions of afferents in cardiovascular sympathetic nerves. *Journal of the Autonomic Nervous System*, **1981**, 3, 231-6		30
126	An update on: cardiovascular and respiratory changes during sleep in normal and hypertensive subjects. *Cardiovascular Research*, **2000**, 45, 200-11	9.9	29
125	The STRATEGY Study (Stress Cardiac Magnetic Resonance Versus Computed Tomography Coronary Angiography for the Management of Symptomatic Revascularized Patients): Resources and Outcomes Impact. *Circulation: Cardiovascular Imaging*, **2016**, 9,	3.9	27
124	A comparison between two different definitions of contrast-induced acute kidney injury in patients with ST-segment elevation myocardial infarction undergoing primary percutaneous coronary intervention. *International Journal of Cardiology*, **2016**, 210, 4-9	3.2	27
123	T-wave amplitude variability and the risk of death in Chagas disease. *Journal of Cardiovascular Electrophysiology*, **2011**, 22, 799-805	2.7	25
122	Chronotropic incompetence and abnormal autonomic modulation in ambulatory Chagas disease patients. *Annals of Noninvasive Electrocardiology*, **2006**, 11, 3-11	1.5	25
121	Increased release of brain serotonin reduces vulnerability to ventricular fibrillation in the cat. *Journal of Cardiovascular Pharmacology*, **1987**, 10, 389-97	3.1	25
120	Clinical characteristics of patients with asymptomatic recurrences of atrial fibrillation in the Gruppo Italiano per lo Studio della Sopravvivenza nell'Infarto Miocardico-Atrial Fibrillation (GISSI-AF) trial. *American Heart Journal*, **2011**, 162, 382-9	4.9	24
119	Effects of propranolol on the impulse activity of cardiovascular sympathetic afferent fibers. *Hypertension*, **1986**, 8, 50-5	8.5	24
118	Nervous activity of afferent sympathetic fibers innervating the pulmonary veins. *Brain Research*, **1976**, 113, 197-200	3.7	24
117	Female gender and contrast-induced nephropathy in primary percutaneous intervention for ST-segment elevation myocardial infarction. *International Journal of Cardiology*, **2014**, 174, 37-42	3.2	23
116	Serum amyloid a and C-reactive protein independently predict the recurrences of atrial fibrillation after cardioversion in patients with preserved left ventricular function. *Canadian Journal of Cardiology*, **2012**, 28, 537-41	3.8	23
115	The ☐B Fatty Acids for Prevention of Post-Operative Atrial Fibrillation trial--rationale and design. *American Heart Journal*, **2011**, 162, 56-63.e3	4.9	23
114	Adenosine activates cardiac sympathetic afferent fibers and potentiates the excitation induced by coronary occlusion. *Journal of the Autonomic Nervous System*, **1995**, 53, 175-84		22
113	Evidence of functional alterations in sympathetic activity after myocardial infarction. *European Heart Journal*, **1993**, 14, 1334-43	9.5	22
112	Acupuncture for paroxysmal and persistent atrial fibrillation: An effective non-pharmacological tool?. *World Journal of Cardiology*, **2012**, 4, 60-5	2.1	22

111	Heart rate turbulence in Chagas disease. *PACE - Pacing and Clinical Electrophysiology*, **2003**, 26, 406-10	1.6	21
110	Continuous recording of direct high fidelity arterial pressure and electrocardiogram in ambulant patients. *Cardiovascular Research*, **1986**, 20, 384-8	9.9	21
109	Effects of gastric banding on glucose tolerance, cardiovascular and renal function, and diabetic complications: a 13-year study of the morbidly obese. *Surgery for Obesity and Related Diseases*, **2016**, 12, 587-595	3	20
108	Vagal dysfunction in Chagas disease. *International Journal of Cardiology*, **2005**, 103, 225-6; author reply 227-9	3.2	20
107	Premature ventricular contractions and reflex sympathetic activation in cats. *Cardiovascular Research*, **1989**, 23, 205-12	9.9	20
106	Sensory innervation of the heart. *Progress in Brain Research*, **1986**, 67, 39-48	2.9	20
105	Cyclophilin A modulates bone marrow-derived CD117(+) cells and enhances ischemia-induced angiogenesis via the SDF-1/CXCR4 axis. *International Journal of Cardiology*, **2016**, 212, 324-35	3.2	19
104	Effect of weight loss on sympatho-vagal balance in subjects with grade-3 obesity: restrictive surgery versus hypocaloric diet. *Acta Diabetologica*, **2013**, 50, 843-50	3.9	19
103	Prevention of contrast-induced nephropathy: a single center randomized study. *Clinical Cardiology*, **2010**, 33, E63-8	3.3	19
102	Effects of sympathetic activation on ventricular ectopic beats in subjects with and without evidence of organic heart disease. *European Heart Journal*, **1987**, 8, 1065-74	9.5	19
101	CT Perfusion Versus Coronary CT Angiography in Patients With Suspected In-Stent Restenosis or CAD Progression. *JACC: Cardiovascular Imaging*, **2020**, 13, 732-742	8.4	19
100	Clinical predictors of atrial fibrillation recurrence in the Gruppo Italiano per lo Studio della Sopravvivenza nell'Infarto Miocardico-Atrial Fibrillation (GISSI-AF) trial. *American Heart Journal*, **2010**, 159, 857-63	4.9	18
99	Spectral analysis of sympathetic discharge in decerebrate cats. *Journal of the Autonomic Nervous System*, **1990**, 30 Suppl, S97-9		18
98	Circulating cardiac biomarkers and postoperative atrial fibrillation in the OPERA trial. *European Journal of Clinical Investigation*, **2015**, 45, 170-8	4.6	17
97	Assessment of the dynamics of atrial signals and local atrial period series during atrial fibrillation: effects of isoproterenol administration. *BioMedical Engineering OnLine*, **2004**, 3, 37	4.1	17
96	Classification of coupling patterns among spontaneous rhythms and ventilation in the sympathetic discharge of decerebrate cats. *Biological Cybernetics*, **1996**, 75, 163-72	2.8	17
95	Reflex changes in cardiac vagal efferent nervous acitivty elicited by stimulation of afferent fibres in the cardiac sympathetic nerves. *Brain Research*, **1972**, 42, 482-5	3.7	17
94	Pharmacological treatment of atrial fibrillation: mechanisms of action and efficacy of class III drugs. *Current Medicinal Chemistry*, **2006**, 13, 1635-53	4.3	16

93	Cardiac autonomic modulation in normal, high-risk, and in vitro fertilization pregnancies during the first trimester. *American Journal of Obstetrics and Gynecology*, **2004**, 190, 199-205	6.4	16
92	Importance of appropriate spectral methodology to assess heart rate variability in the frequency domain. *Hypertension*, **1994**, 24, 140-2	8.5	16
91	Atrioventricular nodal function during atrial fibrillation: Model building and robust estimation. *Biomedical Signal Processing and Control*, **2013**, 8, 1017-1025	4.9	15
90	C-reactive protein but not atrial dysfunction predicts recurrences of atrial fibrillation after cardioversion in patients with preserved left ventricular function. *Journal of Cardiovascular Medicine*, **2008**, 9, 581-8	1.9	15
89	Heart rate turbulence and left ventricular ejection fraction in Chagas disease. *Europace*, **2005**, 7, 197-203	3.9	15
88	Liver rupture after cardiopulmonary resuscitation (CPR) and thrombolysis. *Intensive Care Medicine*, **1999**, 25, 1032	14.5	15
87	Hypertension and concurrent arrhythmias. *Current Pharmaceutical Design*, **2003**, 9, 1703-13	3.3	15
86	Linear and nonlinear coupling between atrial signals. Three methods for the analysis of the relationships among atrial electrical activities in different sites. *IEEE Engineering in Medicine and Biology Magazine*, **2006**, 25, 63-70		14
85	Anti-arrhythmic properties of N-3 poly-unsaturated fatty acids (n-3 PUFA). *Current Medicinal Chemistry*, **2007**, 14, 2070-80	4.3	14
84	Is the T-T interval as a measure of repolarization heterogeneity dead or just seriously wounded?. *Heart Rhythm*, **2019**, 16, 952-953	6.7	14
83	Heart rate variability regression and risk of sudden unexpected death in epilepsy. *Medical Hypotheses*, **2017**, 99, 49-52	3.8	13
82	Non-pulmonary effects induced by the addition of formoterol to budesonide therapy in patients with mild or moderate persistent asthma. *Respiration*, **2000**, 67, 60-4	3.7	13
81	Ventricular activity cancellation in electrograms during atrial fibrillation with constraints on residuals Rpower. *Medical Engineering and Physics*, **2013**, 35, 1770-7	2.4	12
80	Prognostic implications of stress-induced transient ischemic dilation of the left ventricle in patients with systolic dysfunction and fixed perfusion defects. *International Journal of Cardiology*, **2010**, 140, 323-7	3.2	12
79	Carcinoid heart disease from ovarian primary presenting with acute pericarditis and biventricular failure. *Heart*, **1998**, 80, 623-6	5.1	12
78	Circadian changes in vascular sympathetic activity in ambulant subjects. *Journal of Hypertension*, **1989**, 7, S30-1	1.9	12
77	Restraining effect of captopril on cardiovascular sympathetic efferent neural activity. *Journal of Hypertension*, **1989**, 7, S55-6	1.9	12
76	MMP-1 and MMP-3 polymorphism and arrhythmia recurrence after electrical cardioversion in patients with persistent atrial fibrillation. *Journal of Cardiovascular Medicine*, **2011**, 12, 37-42	1.9	11

75	Low frequency component in systolic arterial pressure variability in patients with persistent atrial fibrillation. *Autonomic Neuroscience: Basic and Clinical*, **2009**, 151, 147-53	2.4	11
74	Effects of mexiletine, propafenone and flecainide on signal-averaged electrocardiogram. *European Heart Journal*, **1992**, 13, 517-25	9.5	11
73	Effects of tilt and exercise on signal-averaged electrocardiogram after acute myocardial infarction. *European Heart Journal*, **1990**, 11, 421-8	9.5	11
72	Autonomic function in amnestic and non-amnestic mild cognitive impairment: spectral heart rate variability analysis provides evidence for a brain-heart axis. *Scientific Reports*, **2020**, 10, 11661	4.9	10
71	Sympathetic activation and sub-clinical inflammation: a new combination to identify high risk subjects. *European Heart Journal*, **2004**, 25, 359-60	9.5	9
70	The neural regulation of circulation explored in the frequency domain. *Journal of the Autonomic Nervous System*, **1990**, 30 Suppl, S103-8		9
69	In vivo inhibitory effect of anti-muscarinic autoantibodies on the parasympathetic function in Chagas disease. *International Journal of Cardiology*, **2010**, 145, 339-340	3.2	8
68	Chagas disease alters the relationship between heart rate variability and daily physical activity. *International Journal of Cardiology*, **2009**, 135, 257-9	3.2	8
67	Simultaneous ST-segment elevation in the right precordial and inferior leads in Brugada syndrome. *Journal of Cardiovascular Medicine*, **2007**, 8, 201-4	1.9	8
66	Methodological aspects of noninvasive analysis of autonomic regulation of cardiovascular variability. *Clinical Science*, **1996**, 91 Suppl, 68-71		8
65	Mechanical effects of respiration and stepping on systolic arterial pressure variability during treadmill exercise. *Journal of Hypertension*, **1995**, 13, 1643???1647	1.9	8
64	Exercise testing for non-invasive assessment of atrial electrophysiological properties in patients with persistent atrial fibrillation. *Europace*, **2007**, 9, 627-32	3.9	7
63	Abnormalities in fractal heart rate dynamics in Chagas disease. *Annals of Noninvasive Electrocardiology*, **2006**, 11, 145-53	1.5	7
62	Renin-angiotensin system block and atrial fibrillation. *Current Medicinal Chemistry*, **2005**, 12, 1331-7	4.3	7
61	Rebuttal from Marek Malik, Katerina Hnatkova, Heikki V. Huikuri, Federico Lombardi, Georg Schmidt and Markus Zabel. *Journal of Physiology*, **2019**, 597, 2603-2604	3.9	6
60	Incremental value of normal adenosine perfusion cardiac magnetic resonance: Long-term outcome. *American Heart Journal*, **2015**, 169, 841-6	4.9	6
59	Spatial repolarization heterogeneity and survival in Chagas disease. *Methods of Information in Medicine*, **2014**, 53, 464-8	1.5	6
58	Non-linear regularity of arterial blood pressure variability in patient with atrial fibrillation in tilt-test procedure. *Europace*, **2014**, 16 Suppl 4, iv141-iv147	3.9	6

57	Chagas disease: Impaired vagal modulation has been demonstrated, enhanced parasympathetic activity remains to be proved. *International Journal of Cardiology*, **2008**, 123, 330-332	3.2	6
56	Prognostic value of C-reactive protein in patients with stress induced myocardial ischemia. *International Journal of Cardiology*, **2005**, 98, 313-7	3.2	6
55	Additional value of systolic wall thickening in myocardial stunning evaluated by stress-rest gated perfusion SPECT. *Journal of Nuclear Cardiology*, **2019**, 26, 833-840	2.1	6
54	Self-Terminating Ventricular Fibrillation in Vandetanib-Induced Torsades de Pointes. *Journal of Cardiovascular Electrophysiology*, **2015**, 26, 811-3	2.7	5
53	Cardiovascular Profile of Propranolol after Multiple Dosing in Infantile Hemangioma. *Pharmacology* , **2017**, 99, 75-78	2.3	5
52	Heart rate and systolic blood pressure in patients with persistent atrial fibrillation. A linguistic analysis. *Methods of Information in Medicine*, **2010**, 49, 516-20	1.5	5
51	Enhanced parasympathetic activity in Chagas disease still stands in need of proof. *International Journal of Cardiology*, **2009**, 135, 406-8	3.2	5
50	The uncertain significance of reduced heart rate variability after myocardial infarction. *European Heart Journal*, **1997**, 18, 1204-6	9.5	5
49	Timing of arrhythmic death after myocardial infarction: does it affect timing of ICD implantation?. *European Heart Journal*, **2005**, 26, 1350-2	9.5	5
48	Usefulness of microvolt T-wave alternans for predicting outcome in patients with Chagas disease with implantable cardioverter defibrillators. *International Journal of Cardiology*, **2016**, 222, 80-85	3.2	5
47	Blood pressure variability in patients with atrial fibrillation. *Autonomic Neuroscience: Basic and Clinical*, **2014**, 185, 129-33	2.4	4
46	Reveal LINQTM experience out of the electrophysiology lab. *Journal of Cardiovascular Medicine*, **2017**, 18, 550-552	1.9	4
45	Truncal fat determined by dual-energy X-ray absorptiometry is an independent predictor of coronary artery disease extension. *European Journal of Cardiovascular Prevention and Rehabilitation*, **2008**, 15, 428-33		4
44	Response to the Editor:. *Journal of Cardiovascular Electrophysiology*, **2008**, 19, E41-E43	2.7	4
43	Physiological Understanding of HRV Components40-47		4
42	Heart rate and systolic arterial blood pressure variabilities in the progression of chronic heart failure. *Clinical Science*, **1996**, 91 Suppl, 37-9		4
41	Lack of association between prodromes nausea and vomiting, and specific electrocardiographic patterns of acute myocardial infarction. *International Journal of Cardiology*, **1986**, 11, 17-23	3.2	4
40	To the Editor- Our doubts about the usefulness of the Tpeak-Tend interval. *Heart Rhythm*, **2019**, 16, e49	6.7	3

39	Cor triatriatum dexter associated with atrial septal defect: Management in a complex clinical case. *Echocardiography*, **2017**, 34, 1725-1729	1.5	3
38	ICDs in Chagas heart disease: the standard treatment for secondary prevention of sudden death. *Europace*, **2013**, 15, 1383-4	3.9	3
37	Standard Deviation of normal interbeat intervals as a risk marker in patients with left ventricular systolic dysfunction: a meta-analysis. *International Journal of Cardiology*, **2010**, 141, 313-6	3.2	3
36	QT dispersion: an inappropriate measure of a good concept. *International Journal of Cardiology*, **2001**, 77, 148-149	3.2	3
35	Power spectral analysis of heart rate variability and baroreflex gain. *Clinical Science*, **1995**, 89, 555-6	6.5	3
34	A simple model to detect atrial fibrillation via visual imaging. *Biomedizinische Technik*, **2020**,	1.3	3
33	The revascularization of the atrio-ventricular node artery in a case of right coronary artery occlusion promptly discontinue the atrio-ventricular block. *Hellenic Journal of Cardiology*, **2017**, 58, 77-79	2.1	2
32	Dronedarone for atrial fibrillation therapy. *Expert Review of Cardiovascular Therapy*, **2011**, 9, 675-83	2.5	2
31	Spectral Analysis of Heart Rate Variability. *Journal of Interventional Cardiac Electrophysiology*, **1997**, 1, 335-337		2
30	Signal averaging of pre- and post-extrasystolic beats in patients with ventricular arrhythmias. *European Heart Journal*, **1991**, 12, 481-7	9.5	2
29	Heart Rate Turbulence and Variability in Patients with Ventricular Arrhythmias. *Heart International*, **2007**, 3, 182618680700300	0.3	2
28	Heart rate Variability: A Simple Methodology with Several Unrecognised Technical and Methodological Problems. *Developments in Cardiovascular Medicine*, **2000**, 289-295		2
27	Excitatory Effect of Adenosine on Cardiac Sympathetic Afferent Fibers **1995**, 307-314		2
26	Identification of Atrial Fibrillation Episodes Using a Camera as Contactless Sensor		2
25	Assessing cardiac autonomic function via heart rate variability analysis requires monitoring respiration: reply. *Europace*, **2016**, 18, 1280-1	3.9	2
24	On the reliability of frequency components in systolic arterial pressure in patients with atrial fibrillation. *Medical and Biological Engineering and Computing*, **2010**, 48, 381-7	3.1	1
23	Assessment of spatial organization in the atria during paroxysmal atrial fibrillation and adrenergic stimulation. *Biomedizinische Technik*, **2006**, 51, 260-3	1.3	1
22	Linear and non-linear effects in the beat-by-beat variability of sympathetic discharge in decerebrate cats **1992**,		1

21	Technique for 24 hour recording of continuous high fidelity arterial pressure and electrocardiogram in ambulatory patients. *Clinical and Experimental Hypertension*, **1985**, 7, 401-5		1
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