

Sandro Betocchi

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

6,446
citations

147801

31
h-index

76900

74
g-index

81
all docs

81
docs citations

81
times ranked

4566
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Left Ventricular Outflow Tract Obstruction on Clinical Outcome in Hypertrophic Cardiomyopathy. <i>New England Journal of Medicine</i> , 2003, 348, 295-303.	27.0	1,217
2	Efficacy of Implantable Cardioverter-Defibrillators for the Prevention of Sudden Death in Patients with Hypertrophic Cardiomyopathy. <i>New England Journal of Medicine</i> , 2000, 342, 365-373.	27.0	953
3	Implantable Cardioverter-Defibrillators and Prevention of Sudden Cardiac Death in Hypertrophic Cardiomyopathy. <i>JAMA - Journal of the American Medical Association</i> , 2007, 298, 405-12.	7.4	705
4	Long-Term Effects of Surgical Septal Myectomy on Survival in Patients With Obstructive Hypertrophic Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2005, 46, 470-476.	2.8	677
5	Circulating miR-29a, Among Other Up-Regulated MicroRNAs, Is the Only Biomarker for Both Hypertrophy and Fibrosis in Patients With Hypertrophic Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2014, 63, 920-927.	2.8	270
6	Prognostic Significance of Left Atrial Size in Patients With Hypertrophic Cardiomyopathy (from the) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.6	224
7	Dobutamine Echocardiography Predicts Improvement of Hypoperfused Dysfunctional Myocardium After Revascularization in Patients With Coronary Artery Disease. <i>Circulation</i> , 1995, 91, 2556-2565.	1.6	213
8	Myocardial Collagen Turnover in Hypertrophic Cardiomyopathy. <i>Circulation</i> , 2003, 108, 1455-1460.	1.6	185
9	Prolonged Impairment of Regional Contractile Function After Resolution of Exercise-Induced Angina. <i>Circulation</i> , 1996, 94, 2455-2464.	1.6	156
10	Determinants of atrial fibrillation development in patients with hypertrophic cardiomyopathy. <i>American Journal of Cardiology</i> , 2004, 94, 895-900.	1.6	114
11	Resolution of Established Cardiac Hypertrophy and Fibrosis and Prevention of Systolic Dysfunction in a Transgenic Rabbit Model of Human Cardiomyopathy Through Thiol-Sensitive Mechanisms. <i>Circulation</i> , 2009, 119, 1398-1407.	1.6	106
12	Regional left ventricular mechanics in hypertrophic cardiomyopathy.. <i>Circulation</i> , 1993, 88, 2206-2214.	1.6	101
13	Isovolumic relaxation period in hypertrophic cardiomyopathy: Assessment by radionuclide angiography. <i>Journal of the American College of Cardiology</i> , 1986, 7, 74-81.	2.8	89
14	Hemodynamic determinants of exercise-induced abnormal blood pressure response in hypertrophic cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2002, 40, 278-284.	2.8	80
15	Exercise capacity in hypertrophic cardiomyopathy depends on left ventricular diastolic function. <i>American Journal of Cardiology</i> , 1999, 84, 309-315.	1.6	75
16	Prognostic Significance of Left Atrial Volume Dilatation in Patients with Hypertrophic Cardiomyopathy. <i>Journal of the American Society of Echocardiography</i> , 2009, 22, 76-81.	2.8	75
17	Effects of induced asynchrony on left ventricular diastolic function in patients with coronary artery disease. <i>Journal of the American College of Cardiology</i> , 1993, 21, 1124-1131.	2.8	73
18	Severity of coronary artery disease in patients with diabetes mellitus. Angiographic study of 34 diabetic and 120 nondiabetic patients. <i>American Heart Journal</i> , 1980, 100, 782-787.	2.7	71

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19	Effects of dual-chamber pacing in hypertrophic cardiomyopathy on left ventricular outflow tract obstruction and on diastolic function. American Journal of Cardiology, 1996, 77, 498-502.	1.6	62
20	Echocardiography in patients with hypertrophic cardiomyopathy: usefulness of old and new techniques in the diagnosis and pathophysiological assessment. Cardiovascular Ultrasound, 2010, 8, 7.	1.6	62
21	Normalization of left ventricular nonuniformity late after valve replacement for aortic stenosis. American Journal of Cardiology, 1996, 78, 66-71.	1.6	59
22	Noninvasive Evaluation of Left Ventricular Diastolic Function in Hypertrophic Cardiomyopathy. American Journal of Cardiology, 1998, 81, 180-187.	1.6	59
23	Determinants and clinical significance of natriuretic peptides and hypertrophic cardiomyopathy. European Heart Journal, 2001, 22, 1328-1336.	2.2	58
24	The Italian registry for hypertrophic cardiomyopathy: A nationwide survey. American Heart Journal, 2005, 150, 947-954.	2.7	56
25	Effects of sublingual nifedipine on hemodynamics and systolic and diastolic function in patients with hypertrophic cardiomyopathy.. Circulation, 1985, 72, 1001-1007.	1.6	50
26	Improvement of diastolic function after reversal of left ventricular hypertrophy induced by long-term antihypertensive treatment with tertatolol. American Journal of Cardiology, 1989, 64, 745-751.	1.6	45
27	Effects of intravenous verapamil administration on left ventricular diastolic function in systemic hypertension. American Journal of Cardiology, 1987, 59, 624-629.	1.6	44
28	Effects of Diltiazem on Left Ventricular Systolic and Diastolic Function in Hypertrophic Cardiomyopathy**This study was supported in part by Grant 18/1/57 1994â€“1995 from the Italian Ministry of University and Scientific Research (MURST 60%), Rome, Italy.. American Journal of Cardiology, 1996, 78, 451-457.	1.6	44
29	Myocardial fibrosis and diastolic dysfunction in patients on chronic haemodialysis. Nephrology Dialysis Transplantation, 2010, 25, 1950-1954.	0.7	40
30	Prognostic role of stress echocardiography in hypertrophic cardiomyopathy: The International Stress Echo Registry. International Journal of Cardiology, 2016, 219, 331-338.	1.7	38
31	Heterogeneity of left ventricular filling dynamics in hypertrophic cardiomyopathy. American Journal of Cardiology, 1994, 73, 987-990.	1.6	33
32	Hemodynamic response to exercise after propranolol in patients with mitral stenosis. American Journal of Cardiology, 1979, 44, 1076-1082.	1.6	27
33	Heart rate variability in patients with hypertrophic cardiomyopathy: Association with clinical and echocardiographic features. American Heart Journal, 1997, 134, 165-172.	2.7	26
34	Dual Chamber Pacing in Hypertrophic Cardiomyopathy: Long-Term Effects on Diastolic Function. PACE - Pacing and Clinical Electrophysiology, 2002, 25, 1433-1440.	1.2	24
35	Influence of left ventricular asynchrony on filling in coronary artery disease. American Journal of Cardiology, 1988, 62, 523-527.	1.6	20
36	Effects of sustained training on left ventricular structure and function in top level rowers. European Heart Journal, 1993, 14, 898-903.	2.2	19

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37	Determinants of aortic artifacts during transesophageal echocardiography of the ascending aorta. American Heart Journal, 1999, 137, 967-972.	2.7	19
38	Effects of intravenous verapamil on left ventricular relaxation and filling in stable angina pectoris. American Journal of Cardiology, 1990, 66, 818-825.	1.6	17
39	Influence of left ventricular cavity size on clinical presentation in hypertrophic cardiomyopathy. American Journal of Cardiology, 1999, 83, 547-552.	1.6	17
40	Comparison of hemodynamic adaptation to orthostatic stress in patients with hypertrophic cardiomyopathy with or without syncope and in vasovagal syncope. American Journal of Cardiology, 2002, 89, 1405-1410.	1.6	17
41	Abnormal QT interval variability in patients with hypertrophic cardiomyopathy. Journal of Electrocardiology, 2004, 37, 113-119.	0.9	16
42	Abnormal blood-pressure response to exercise and oxygen consumption in patients with hypertrophic cardiomyopathy. Journal of Nuclear Cardiology, 2007, 14, 869-875.	2.1	15
43	Aortic Valve Sclerosis in Patients with Peripheral and/or Coronary Arterial Disease. Echocardiography, 2010, 27, 608-612.	0.9	15
44	Relation between serum nifedipine concentration and hemodynamic effects in nonobstructive hypertrophic cardiomyopathy. American Journal of Cardiology, 1988, 61, 830-835.	1.6	14
45	LV hypertrophy and diastolic heart failure. Heart Failure Reviews, 2000, 5, 333-336.	3.9	12
46	Myocardial Texture in Hypertrophic Cardiomyopathy. Journal of the American Society of Echocardiography, 2007, 20, 1253-1259.	2.8	12
47	Dobutamine Stress Echocardiography in Hypertrophic Cardiomyopathy. Cardiology, 2003, 100, 93-100.	1.4	11
48	Speckle-tracking analysis based on 2D echocardiography does not reliably measure left ventricular torsion. Clinical Physiology and Functional Imaging, 2013, 33, 117-121.	1.2	10
49	Sympathetic nervous function in patients with hypertrophic cardiomyopathy assessed by [123I]-MIBG: relationship with left ventricular perfusion and function. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2004, 48, 20-5.	0.7	10
50	Hemodynamic effects of isometric exercise in hypertrophic cardiomyopathy: Comparison with normal subjects. Journal of Nuclear Cardiology, 2003, 10, 154-160.	2.1	9
51	Aetiology and pathogenesis of hypertrophic cardiomyopathy. Acta Paediatrica, International Journal of Paediatrics, 2002, 91, 10-14.	1.5	9
52	Fourier Analysis in Patients with Different Pacing Modes. PACE - Pacing and Clinical Electrophysiology, 1991, 14, 1351-1358.	1.2	8
53	Depth variation bias and interaction with gain setting in ultrasonic tissue characterization by integrated backscatter analysis. Journal of the American Society of Echocardiography, 2003, 16, 54-60.	2.8	8
54	Assessment of left ventricular diastolic function: comparison of contrast ventriculography and equilibrium radionuclide angiography. Journal of Nuclear Medicine, 1991, 32, 1849-53.	5.0	8

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55	Diastolic function and BNP changes during exercise predict oxygen consumption in chronic heart failure patients. <i>Scandinavian Cardiovascular Journal</i> , 2009, 43, 17-23.	1.2	7
56	Diastolic function in acute myocardial infarction: a radionuclide study. <i>Journal of Nuclear Medicine</i> , 1988, 29, 1786-9.	5.0	7
57	Prognostic Value of Reduced Heart Rate Reserve during Exercise in Hypertrophic Cardiomyopathy. <i>Journal of Clinical Medicine</i> , 2021, 10, 1347.	2.4	6
58	Evaluation of the left ventricular anatomy in hypertrophic cardiomyopathy: comparison between echocardiography and cardiac magnetic resonance imaging. <i>Minerva Cardioangiologica</i> , 2008, 56, 181-7.	1.2	5
59	Effect of hypertrophy on left ventricular diastolic function in patients with hypertrophic cardiomyopathy. <i>Heart International</i> , 2006, 2, 106.	1.4	4
60	Paravertebral echocardiographic views and thoracic aortic dissected aneurysm. <i>European Journal of Echocardiography</i> , 2011, 12, 480-480.	2.3	4
61	Anterior S-T changes during acute inferior myocardial infarction. <i>International Journal of Cardiology</i> , 1983, 4, 421-430.	1.7	3
62	Quantitation of left ventricular asynchrony on radionuclide angiography phase images. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1990, 16, 801-806.	2.1	3
63	Phase analysis of radionuclide angiography in acute myocardial infarction. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1990, 16, 161-165.	2.1	3
64	Pattern of left ventricular filling in hypertrophic cardiomyopathy Assessment by Doppler echocardiography and radionuclide angiography. <i>European Heart Journal</i> , 1998, 19, 1261-1267.	2.2	3
65	What is the mechanism of abnormal blood pressure response on exercise in hypertrophic cardiomyopathy?: Reply. <i>Journal of the American College of Cardiology</i> , 2003, 41, 2102-2104.	2.8	3
66	His bundle electrogram recording using a multipolar electrode catheter via the arm veins. <i>Journal of Electrocardiology</i> , 1981, 14, 125-128.	0.9	2
67	CARDIAC HYPERTROPHY IN THE ABSENCE OF PRESSURE OVERLOAD: AN EXPERIMENTAL AND CLINICAL REPORT. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1984, 11, 91-95.	1.9	2
68	Assessment of Left Ventricular Function Using Radionuclide Angiography After Dipyridamole Infusion. <i>Chest</i> , 1989, 96, 1026-1030.	0.8	2
69	Assessment of left ventricular regional function by radionuclide angiography: Effects of number of sectors on repeatability. <i>Nuclear Medicine and Biology</i> , 1994, 21, 883-887.	0.6	2
70	Percutaneous treatment of patients with heart diseases: selection, guidance and follow-up. A review. <i>Cardiovascular Ultrasound</i> , 2012, 10, 16.	1.6	2
71	Recombinant tissue-type plasminogen activator therapy in prosthetic mitral valve thrombosis: assessment by transthoracic and transesophageal echocardiography. <i>International Journal of Cardiology</i> , 1995, 48, 219-224.	1.7	1
72	Classification of patients with and without syncope by means of QT analysis in hypertrophic cardiomyopathy: preliminary results. , 0, , .		1

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73	Massive chronic atrial thrombosis. International Journal of Cardiology, 2003, 90, 323-324.	1.7	1
74	Syncope in Hypertrophic Cardiomyopathy: What are the Potential Mechanisms and Therapeutic Implications?. , 2002, , 50-56.		1
75	Effects of antihypertensive therapy on diastolic dysfunction in left ventricular hypertrophy. Journal of Cardiovascular Pharmacology, 1992, 19 Suppl 5, S116-21.	1.9	1
76	Influence of Normalization Techniques upon Two-Dimensional Doppler-Derived Peak Filling Rate: Comparison with Radionuclide Angiography. American Journal of Noninvasive Cardiology, 1989, 3, 74-79.	0.1	0
77	Effect of Hypertrophy on Left Ventricular Diastolic Function in Patients with Hypertrophic Cardiomyopathy. Heart International, 2006, 2, 182618680600200.	1.4	0
78	1173 Determinants of left atrial dilation in patients with hypertrophic cardiomyopathy. European Journal of Echocardiography, 2006, 7, S209-S209.	2.3	0
79	Thrombosis of mechanical valve prosthesis in patient with recent Caesarean delivery. European Heart Journal Cardiovascular Imaging, 2009, 10, 716-717.	1.2	0
80	DDD Pacing in Hypertrophic Cardiomyopathy: State of the Art. , 1998, , 76-80.		0