

# Sandro Betocchi

## List of Publications by Year in descending order

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80  
papers

6,446  
citations

168829

31  
h-index

87275

74  
g-index

81  
all docs

81  
docs citations

81  
times ranked

4912  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognostic Value of Reduced Heart Rate Reserve during Exercise in Hypertrophic Cardiomyopathy. <i>Journal of Clinical Medicine</i> , 2021, 10, 1347.	1.0	6
2	Prognostic role of stress echocardiography in hypertrophic cardiomyopathy: The International Stress Echo Registry. <i>International Journal of Cardiology</i> , 2016, 219, 331-338.	0.8	38
3	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.	1.2	270
4	Speckle-tracking analysis based on 2D echocardiography does not reliably measure left ventricular torsion. <i>Clinical Physiology and Functional Imaging</i> , 2013, 33, 117-121.	0.5	10
5	Percutaneous treatment of patients with heart diseases: selection, guidance and follow-up. A review. <i>Cardiovascular Ultrasound</i> , 2012, 10, 16.	0.5	2
6	Paravertebral echocardiographic views and thoracic aortic dissected aneurysm. <i>European Journal of Echocardiography</i> , 2011, 12, 480-480.	2.3	4
7	Echocardiography in patients with hypertrophic cardiomyopathy: usefulness of old and new techniques in the diagnosis and pathophysiological assessment. <i>Cardiovascular Ultrasound</i> , 2010, 8, 7.	0.5	62
8	Aortic Valve Sclerosis in Patients with Peripheral and/or Coronary Arterial Disease. <i>Echocardiography</i> , 2010, 27, 608-612.	0.3	15
9	Myocardial fibrosis and diastolic dysfunction in patients on chronic haemodialysis. <i>Nephrology Dialysis Transplantation</i> , 2010, 25, 1950-1954.	0.4	40
10	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
11	Thrombosis of mechanical valve prosthesis in patient with recent Caesarean delivery. <i>European Heart Journal Cardiovascular Imaging</i> , 2009, 10, 716-717.	0.5	0
12	Diastolic function and BNP changes during exercise predict oxygen consumption in chronic heart failure patients. <i>Scandinavian Cardiovascular Journal</i> , 2009, 43, 17-23.	0.4	7
13	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.	1.2	75
14	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
15	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.	3.8	705
16	Myocardial Texture in Hypertrophic Cardiomyopathy. <i>Journal of the American Society of Echocardiography</i> , 2007, 20, 1253-1259.	1.2	12
17	Abnormal blood-pressure response to exercise and oxygen consumption in patients with hypertrophic cardiomyopathy. <i>Journal of Nuclear Cardiology</i> , 2007, 14, 869-875.	1.4	15
18	Effect of hypertrophy on left ventricular diastolic function in patients with hypertrophic cardiomyopathy. <i>Heart International</i> , 2006, 2, 106.	0.4	4

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19	Effect of Hypertrophy on Left Ventricular Diastolic Function in Patients with Hypertrophic Cardiomyopathy. <i>Heart International</i> , 2006, 2, 1826-1868/0600200.	0.4	0
20	Prognostic Significance of Left Atrial Size in Patients With Hypertrophic Cardiomyopathy (from the Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	224
21	1173 Determinants of left atrial dilation in patients with hypertrophic cardiomyopathy. <i>European Journal of Echocardiography</i> , 2006, 7, S209-S209.	2.3	0
22	The Italian registry for hypertrophic cardiomyopathy: A nationwide survey. <i>American Heart Journal</i> , 2005, 150, 947-954.	1.2	56
23	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.	1.2	677
24	Abnormal QT interval variability in patients with hypertrophic cardiomyopathy. <i>Journal of Electrocardiology</i> , 2004, 37, 113-119.	0.4	16
25	Determinants of atrial fibrillation development in patients with hypertrophic cardiomyopathy. <i>American Journal of Cardiology</i> , 2004, 94, 895-900.	0.7	114
26	Sympathetic nervous function in patients with hypertrophic cardiomyopathy assessed by [123I]-MIBG: relationship with left ventricular perfusion and function. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2004, 48, 20-5.	0.4	10
27	Hemodynamic effects of isometric exercise in hypertrophic cardiomyopathy: Comparison with normal subjects. <i>Journal of Nuclear Cardiology</i> , 2003, 10, 154-160.	1.4	9
28	Depth variation bias and interaction with gain setting in ultrasonic tissue characterization by integrated backscatter analysis. <i>Journal of the American Society of Echocardiography</i> , 2003, 16, 54-60.	1.2	8
29	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.	1.2	3
30	Massive chronic atrial thrombosis. <i>International Journal of Cardiology</i> , 2003, 90, 323-324.	0.8	1
31	Effect of Left Ventricular Outflow Tract Obstruction on Clinical Outcome in Hypertrophic Cardiomyopathy. <i>New England Journal of Medicine</i> , 2003, 348, 295-303.	13.9	1,217
32	Myocardial Collagen Turnover in Hypertrophic Cardiomyopathy. <i>Circulation</i> , 2003, 108, 1455-1460.	1.6	185
33	Dobutamine Stress Echocardiography in Hypertrophic Cardiomyopathy. <i>Cardiology</i> , 2003, 100, 93-100.	0.6	11
34	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.	1.2	80
35	Comparison of hemodynamic adaptation to orthostatic stress in patients with hypertrophic cardiomyopathy with or without syncope and in vasovagal syncope. <i>American Journal of Cardiology</i> , 2002, 89, 1405-1410.	0.7	17
36	Dual Chamber Pacing in Hypertrophic Cardiomyopathy: Long-Term Effects on Diastolic Function. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2002, 25, 1433-1440.	0.5	24

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37	Aetiology and pathogenesis of hypertrophic cardiomyopathy. Acta Paediatrica, International Journal of Paediatrics, 2002, 91, 10-14.	0.7	9
38	Syncope in Hypertrophic Cardiomyopathy: What are the Potential Mechanisms and Therapeutic Implications?. , 2002, , 50-56.		1
39	Determinants and clinical significance of natriuretic peptides and hypertrophic cardiomyopathy. European Heart Journal, 2001, 22, 1328-1336.	1.0	58
40	LV hypertrophy and diastolic heart failure. Heart Failure Reviews, 2000, 5, 333-336.	1.7	12
41	Efficacy of Implantable Cardioverterâ€“Defibrillators for the Prevention of Sudden Death in Patients with Hypertrophic Cardiomyopathy. New England Journal of Medicine, 2000, 342, 365-373.	13.9	953
42	Influence of left ventricular cavity size on clinical presentation in hypertrophic cardiomyopathy. American Journal of Cardiology, 1999, 83, 547-552.	0.7	17
43	Exercise capacity in hypertrophic cardiomyopathy depends on left ventricular diastolic function. American Journal of Cardiology, 1999, 84, 309-315.	0.7	75
44	Determinants of aortic artifacts during transesophageal echocardiography of the ascending aorta. American Heart Journal, 1999, 137, 967-972.	1.2	19
45	Noninvasive Evaluation of Left Ventricular Diastolic Function in Hypertrophic Cardiomyopathy. American Journal of Cardiology, 1998, 81, 180-187.	0.7	59
46	Pattern of left ventricular filling in hypertrophic cardiomyopathy Assessment by Doppler echocardiography and radionuclide angiography. European Heart Journal, 1998, 19, 1261-1267.	1.0	3
47	DDD Pacing in Hypertrophic Cardiomyopathy: State of the Art. , 1998, , 76-80.		0
48	Heart rate variability in patients with hypertrophic cardiomyopathy: Association with clinical and echocardiographic features. American Heart Journal, 1997, 134, 165-172.	1.2	26
49	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.	0.7	62
50	Normalization of left ventricular nonuniformity late after valve replacement for aortic stenosis. American Journal of Cardiology, 1996, 78, 66-71.	0.7	59
51	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.	0.7	44
52	Prolonged Impairment of Regional Contractile Function After Resolution of Exercise-Induced Angina. Circulation, 1996, 94, 2455-2464.	1.6	156
53	Recombinant tissue-type plasminogen activator therapy in prosthetic mitral valve thrombosis: assessment by transthoracic and transesophageal echocardiography. International Journal of Cardiology, 1995, 48, 219-224.	0.8	1
54	Dobutamine Echocardiography Predicts Improvement of Hypoperfused Dysfunctional Myocardium After Revascularization in Patients With Coronary Artery Disease. Circulation, 1995, 91, 2556-2565.	1.6	213

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55	Heterogeneity of left ventricular filling dynamics in hypertrophic cardiomyopathy. American Journal of Cardiology, 1994, 73, 987-990.	0.7	33
56	Assessment of left ventricular regional function by radionuclide angiography: Effects of number of sectors on repeatability. Nuclear Medicine and Biology, 1994, 21, 883-887.	0.3	2
57	Effects of induced asynchrony on left ventricular diastolic function in patients with coronary artery disease. Journal of the American College of Cardiology, 1993, 21, 1124-1131.	1.2	73
58	Regional left ventricular mechanics in hypertrophic cardiomyopathy.. Circulation, 1993, 88, 2206-2214.	1.6	101
59	Effects of sustained training on left ventricular structure and function in top level rowers. European Heart Journal, 1993, 14, 898-903.	1.0	19
60	Effects of antihypertensive therapy on diastolic dysfunction in left ventricular hypertrophy. Journal of Cardiovascular Pharmacology, 1992, 19 Suppl 5, S116-21.	0.8	1
61	Fourier Analysis in Patients with Different Pacing Modes. PACE - Pacing and Clinical Electrophysiology, 1991, 14, 1351-1358.	0.5	8
62	Assessment of left ventricular diastolic function: comparison of contrast ventriculography and equilibrium radionuclide angiography. Journal of Nuclear Medicine, 1991, 32, 1849-53.	2.8	8
63	Effects of intravenous verapamil on left ventricular relaxation and filling in stable angina pectoris. American Journal of Cardiology, 1990, 66, 818-825.	0.7	17
64	Quantitation of left ventricular asynchrony on radionuclide angiography phase images. European Journal of Nuclear Medicine and Molecular Imaging, 1990, 16, 801-806.	2.2	3
65	Phase analysis of radionuclide angiography in acute myocardial infarction. European Journal of Nuclear Medicine and Molecular Imaging, 1990, 16, 161-165.	2.2	3
66	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
67	Assessment of Left Ventricular Function Using Radionuclide Angiography After Dipyridamole Infusion. Chest, 1989, 96, 1026-1030.	0.4	2
68	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.	0.7	45
69	Influence of left ventricular asynchrony on filling in coronary artery disease. American Journal of Cardiology, 1988, 62, 523-527.	0.7	20
70	Relation between serum nifedipine concentration and hemodynamic effects in nonobstructive hypertrophic cardiomyopathy. American Journal of Cardiology, 1988, 61, 830-835.	0.7	14
71	Diastolic function in acute myocardial infarction: a radionuclide study. Journal of Nuclear Medicine, 1988, 29, 1786-9.	2.8	7
72	Effects of intravenous verapamil administration on left ventricular diastolic function in systemic hypertension. American Journal of Cardiology, 1987, 59, 624-629.	0.7	44

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73	Isovolumic relaxation period in hypertrophic cardiomyopathy: Assessment by radionuclide angiography. <i>Journal of the American College of Cardiology</i> , 1986, 7, 74-81.	1.2	89
74	Effects of sublingual nifedipine on hemodynamics and systolic and diastolic function in patients with hypertrophic cardiomyopathy.. <i>Circulation</i> , 1985, 72, 1001-1007.	1.6	50
75	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.	0.9	2
76	Anterior S-T changes during acute inferior myocardial infarction. <i>International Journal of Cardiology</i> , 1983, 4, 421-430.	0.8	3
77	His bundle electrogram recording using a multipolar electrode catheter via the arm veins. <i>Journal of Electrocardiology</i> , 1981, 14, 125-128.	0.4	2
78	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.	1.2	71
79	Hemodynamic response to exercise after propranolol in patients with mitral stenosis. <i>American Journal of Cardiology</i> , 1979, 44, 1076-1082.	0.7	27
80	Classification of patients with and without syncope by means of QT analysis in hypertrophic cardiomyopathy: preliminary results. , 0, , .		1