

# Paolo Barbier, Fesc

## List of Publications by Citations

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36  
papers

1,135  
citations

17  
h-index

33  
g-index

38  
ext. papers

1,278  
ext. citations

4.2  
avg, IF

3.27  
L-index

#	Paper	IF	Citations
36	Left atrial relaxation and left ventricular systolic function determine left atrial reservoir function. <i>Circulation</i> , <b>1999</b> , 100, 427-36	16.7	282
35	Pericardial effusion after cardiac surgery: incidence, site, size, and haemodynamic consequences. <i>Heart</i> , <b>1994</b> , 72, 327-31	5.1	120
34	A new formula for echo-Doppler estimation of right ventricular systolic pressure. <i>Journal of the American Society of Echocardiography</i> , <b>1994</b> , 7, 20-6	5.8	94
33	Left ventricular diastolic parameters in 288 normal subjects from 20 to 80 years old. <i>European Heart Journal</i> , <b>1995</b> , 16, 94-105	9.5	85
32	Left atrial function and ventricular filling in hypertensive patients with paroxysmal atrial fibrillation. <i>Journal of the American College of Cardiology</i> , <b>1994</b> , 24, 165-70	15.1	69
31	Pulmonary venous flow velocity patterns in 143 normal subjects aged 20 to 80 years old. An echo 2D colour Doppler cooperative study. <i>European Heart Journal</i> , <b>1997</b> , 18, 148-64	9.5	54
30	Reliability and feasibility of longitudinal AFI global and segmental strain compared with 2D left ventricular volumes and ejection fraction: intra- and inter-operator, test-retest, and inter-cycle reproducibility. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2015</b> , 16, 642-52	4.1	48
29	Percutaneous pericardiocentesis versus subxiphoid pericardiotomy in cardiac tamponade due to postoperative pericardial effusion. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>1993</b> , 7, 178-83	2.1	43
28	Validation of an echo-Doppler decision model to predict left ventricular filling pressure in patients with heart failure independently of ejection fraction. <i>European Journal of Echocardiography</i> , <b>2010</b> , 11, 703-10		37
27	Rapid diagnosis and management of thoracic aortic dissection and intramural haematoma: a prospective study of advantages of multiplane vs. biplane transoesophageal echocardiography. <i>European Journal of Echocardiography</i> , <b>2000</b> , 1, 72-9		37
26	Altered cardiac rhythm in infants with bronchiolitis and respiratory syncytial virus infection. <i>BMC Infectious Diseases</i> , <b>2010</b> , 10, 305	4	25
25	Echocardiographic determinants of mitral early flow propagation velocity. <i>American Journal of Cardiology</i> , <b>2002</b> , 90, 613-9	3	23
24	Determinants of forward pulmonary vein flow: an open pericardium pig model. <i>Journal of the American College of Cardiology</i> , <b>2000</b> , 35, 1947-59	15.1	21
23	Sustained favourable haemodynamics 1 year after TAVI: improvement in NYHA functional class related to improvement of left ventricular diastolic function. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2016</b> , 17, 1269-1278	4.1	20
22	Real-time three-dimensional transoesophageal echocardiography: a new intraoperative feasible and useful technology in cardiac surgery. <i>International Journal of Cardiovascular Imaging</i> , <b>2010</b> , 26, 651-60 <sup>5</sup>		20
21	Intrarenal beta-receptor and renal baroreceptor interaction in the control of the renin response to transient reduction of the renal perfusion pressure in man. <i>Journal of Hypertension</i> , <b>1985</b> , 3, 39-45	1.9	19
20	Intraoperative multiplane vs biplane transesophageal echocardiography for the assessment of cardiac surgery. <i>Chest</i> , <b>1996</b> , 109, 305-11	5.3	18

19	Differences between office and ambulatory blood pressures in children and adolescents attending a hospital hypertension clinic. <i>Journal of Hypertension</i> , <b>2013</b> , 31, 2165-75	1.9	17
18	Effect of sample volume location on Doppler-derived transmitral inflow velocity values in 288 normal subjects 20 to 80 years old: an echocardiographic, two-dimensional color Doppler cooperative study. <i>Journal of the American Society of Echocardiography</i> , <b>1998</b> , 11, 280-8	5.8	16
17	Left ventricular systolic function in relation to withdrawal of different pharmacological treatments in hypertensives with left ventricular hypertrophy. <i>Journal of Hypertension</i> , <b>1988</b> , 6, S97-100	1.9	13
16	Influences of aortic pressure gradient and ventricular septal thickness with systolic coronary flow in aortic valve stenosis. <i>American Journal of Cardiology</i> , <b>1996</b> , 78, 1303-6	3	11
15	Coronary flow and left ventricular diastolic function in aortic regurgitation. <i>Coronary Artery Disease</i> , <b>1995</b> , 6, 635-43	1.4	9
14	Near real-time echocardiography teleconsultation using low bandwidth and MPEG-4 compression: feasibility, image adequacy and clinical implications. <i>Journal of Telemedicine and Telecare</i> , <b>2012</b> , 18, 204-10	6.8	8
13	Changes in porcine transmitral flow velocity pattern and its diastolic determinants during partial coronary occlusion. <i>Journal of the American College of Cardiology</i> , <b>1999</b> , 33, 854-66	15.1	7
12	Doppler evidence of abnormal intracavitary systolic and diastolic flow in hypertrophic cardiomyopathy with midventricular obstruction. <i>American Heart Journal</i> , <b>1993</b> , 126, 483-7	4.9	7
11	Clinical utility of guideline-based echocardiography: a prospective study of outpatient referral patterns at a tertiary care center. <i>Journal of the American Society of Echocardiography</i> , <b>2008</b> , 21, 1010-5	5.8	5
10	Estimation of increased pulmonary wedge pressure by an algorithm based on noninvasively measured pulmonary diastolic pressure in cardiac patients independent of left ventricular ejection fraction. <i>Echocardiography</i> , <b>2020</b> , 37, 215-222	1.5	4
9	High-grade video compression of echocardiographic studies: a multicenter validation study of selected motion pictures expert groups (MPEG)-4 algorithms. <i>Journal of the American Society of Echocardiography</i> , <b>2007</b> , 20, 527-36	5.8	4
8	Acute effects of dynamic cardiomyoplasty on ventricular geometry and left ventricular filling detected by transesophageal doppler echocardiography. <i>American Journal of Cardiology</i> , <b>1996</b> , 77, 783-7		4
7	Volume and Pressure Dependence of Left and Right Ventricular Filling in Dilated Cardiomyopathy. <i>American Journal of Noninvasive Cardiology</i> , <b>1993</b> , 7, 106-112		4
6	Assessment and analysis of territorial experiences in digital tele-echocardiography. <i>Annali Dell'Istituto Superiore Di Sanita</i> , <b>2009</b> , 45, 363-71	1.6	3
5	Features of degenerative mitral valve prolapse in the North East of China: repair characteristics, and short-term follow-up results. <i>Minerva Cardioangiologica</i> , <b>2020</b> , 68, 453-468	1.1	3
4	Right ventricular total isovolumic time: Reference value study. <i>Echocardiography</i> , <b>2019</b> , 36, 1234-1240	1.5	2
3	Acute filling pattern changes of the failing left ventricle after captopril as related to ventricular structure. <i>Cardiology</i> , <b>1996</b> , 87, 153-60	1.6	2
2	Severe left ventricular dynamic outflow tract gradient secondary to localized septal hypertrophy and concomitant acute ischaemic parietal dyssynergy. <i>European Heart Journal</i> , <b>1995</b> , 16, 142-3	9.5	1

- 1 Echocardiographic 2D and 3D visualization of twisted accessory mitral valve chordae protruding into the left ventricular outflow tract. *European Heart Journal Cardiovascular Imaging*, **2014**, 15, 1426 4<sup>1</sup>