Giovanni Benfari

List of Publications by Year
in descending order

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111	2,340	304368 22	253896 43
papers	citations	h-index	g-index

116	116	116	2182
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transcatheter Versus Medical Treatment of Patients With Symptomatic SevereÂTricuspid Regurgitation. Journal of the American College of Cardiology, 2019, 74, 2998-3008.	1.2	302
2	Excess Mortality Associated With Functional Tricuspid Regurgitation Complicating Heart Failure With Reduced Ejection Fraction. Circulation, 2019, 140, 196-206.	1.6	219
3	Causes and mechanisms of isolated mitral regurgitation in the community: clinical context and outcome. European Heart Journal, 2019, 40, 2194-2202.	1.0	146
4	Presentation and Outcome of ArrhythmicÂMitral Valve Prolapse. Journal of the American College of Cardiology, 2020, 76, 637-649.	1.2	121
5	Clinical presentation and outcome of tricuspid regurgitation in patients with systolic dysfunction. European Heart Journal, 2018, 39, 3584-3592.	1.0	91
6	The Mitral Annular Disjunction of MitralÂValve Prolapse. JACC: Cardiovascular Imaging, 2021, 14, 2073-2087.	2.3	74
7	Clinical Outcome of Degenerative Mitral Regurgitation. Circulation, 2018, 138, 1317-1326.	1.6	62
8	Long-Term Implications of Atrial Fibrillation in Patients With Degenerative Mitral Regurgitation. Journal of the American College of Cardiology, 2019, 73, 264-274.	1.2	54
9	Tricuspid regurgitation is a public health crisis. Progress in Cardiovascular Diseases, 2019, 62, 447-451.	1.6	54
10	Prognostic Implications of LeftÂAtrialÂEnlargement in DegenerativeÂMitral Regurgitation. Journal of the American College of Cardiology, 2019, 74, 858-870.	1.2	53
11	Functional tricuspid regurgitation of degenerative mitral valve disease: a crucial determinant of survival. European Heart Journal, 2020, 41, 1918-1929.	1.0	53
12	Pathophysiology of Degenerative Mitral Regurgitation. Circulation: Cardiovascular Imaging, 2018, 11, e005971.	1.3	45
13	Left atrial strain as a pre-operative prognostic marker for patients with severe mitral regurgitation. International Journal of Cardiology, 2021, 324, 139-145.	0.8	42
14	Diastolic Determinants of ExcessÂMortality in HeartÂFailure WithÂReduced Ejection Fraction. JACC: Heart Failure, 2019, 7, 808-817.	1.9	40
15	Multicentric Atrial Strain COmparison between Two Different Modalities: MASCOT HIT Study. Diagnostics, 2020, 10, 946.	1.3	39
16	Myocardial Work by Echocardiography: Principles and Applications in Clinical Practice. Journal of Clinical Medicine, 2021, 10, 4521.	1.0	38
17	Mitral regurgitation, left atrial structural and functional remodelling and the effect on pulmonary haemodynamics. European Journal of Heart Failure, 2020, 22, 499-506.	2.9	35
18	Functional Mitral Regurgitation Outcome and Grading in HeartÂFailure With Reduced Ejection Fraction. JACC: Cardiovascular Imaging, 2021, 14, 2303-2315.	2.3	34

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19	Stress Echo 2030: The Novel ABCDE-(FGLPR) Protocol to Define the Future of Imaging. Journal of Clinical Medicine, 2021, 10, 3641.	1.0	33
20	Basic and advanced echocardiography in advanced heart failure: an overview. Heart Failure Reviews, 2020, 25, 937-948.	1.7	32
21	Atrial Function as an Independent Predictor ofÂPostoperative Atrial Fibrillation in Patients Undergoing Aortic Valve Surgery for Severe AorticÂStenosis. Journal of the American Society of Echocardiography, 2017, 30, 956-965.e1.	1.2	30
22	Left atrial strain by speckle tracking predicts atrial fibrosis in patients undergoing heart transplantation. European Heart Journal Cardiovascular Imaging, 2022, 23, 829-835.	0.5	28
23	Impaired myocardial work efficiency in heart failure with preserved ejection fraction. European Heart Journal Cardiovascular Imaging, 2021, 22, 1312-1320.	0.5	28
24	Mitral Annular Disjunction of Degenerative Mitral Regurgitation: Three-Dimensional Evaluation and Implications for Mitral Repair. Journal of the American Society of Echocardiography, 2022, 35, 165-175.	1.2	25
25	Genome-wide association study reveals novel genetic loci: a new polygenic risk score for mitral valve prolapse. European Heart Journal, 2022, 43, 1668-1680.	1.0	25
26	Functional mitral regurgitation in patients with aortic stenosis: prevalence, clinical correlates and pathophysiological determinants: a quantitative prospective study. European Heart Journal Cardiovascular Imaging, 2014, 15, 631-636.	0.5	22
27	Concomitant mitral regurgitation and aortic stenosis: one step further to low-flow preserved ejection fraction aortic stenosis. European Heart Journal Cardiovascular Imaging, 2018, 19, 569-573.	0.5	22
28	Novel Approaches in Cardiac Imaging for Non-invasive Assessment of Left Heart Myocardial Fibrosis. Frontiers in Cardiovascular Medicine, 2021, 8, 614235.	1.1	22
29	Association of transcatheter edge-to-edge repair with improved survival in older patients with severe, symptomatic degenerative mitral regurgitation. European Heart Journal, 2022, 43, 1626-1635.	1.0	22
30	Acute electrocardiographic differences between Takotsubo cardiomyopathy and anterior ST elevation myocardial infarction. Journal of Electrocardiology, 2015, 48, 79-85.	0.4	21
31	Tpeak-to-Tend/QT is an independent predictor of early ventricular arrhythmias and arrhythmic death in anterior ST elevation myocardial infarction patients. European Heart Journal: Acute Cardiovascular Care, 2016, 5, 473-480.	0.4	21
32	Efficacy of Coronary Sinus Reducer in Patients With Non-revascularized Chronic Total Occlusions. American Journal of Cardiology, 2020, 126, 1-7.	0.7	21
33	Mitral Valve Prolapse Patients with Less than Moderate Mitral Regurgitation Exhibit Early Cardiac Chamber Remodeling. Journal of the American Society of Echocardiography, 2020, 33, 815-825.e2.	1.2	20
34	The Role of Multimodality Imaging in Athleteâ€™s Heart Diagnosis: Current Status and Future Directions. Journal of Clinical Medicine, 2021, 10, 5126.	1.0	20
35	Mitral Regurgitation and Increased Risk of All-Cause and Cardiovascular Mortality in Patients with Type 2 Diabetes. American Journal of Medicine, 2017, 130, 70-76.e1.	0.6	18
36	Role of Speckle Tracking Echocardiography in the Evaluation of Breast Cancer Patients Undergoing Chemotherapy: Review and Meta-analysis of the Literature. Cardiovascular Toxicology, 2019, 19, 485-492.	1.1	18

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37	Excess Mortality Associated with Progression Rate in Asymptomatic Aortic Valve Stenosis. Journal of the American Society of Echocardiography, 2021, 34, 237-244.	1.2	18
38	Left Atrial Volumetric/Mechanical Coupling Index. Circulation: Cardiovascular Imaging, 2021, 14, e011608.	1.3	18
39	Dynamic changes of repolarization abnormalities in takotsubo cardiomyopathy. Acta Cardiologica, 2015, 70, 225-232.	0.3	16
40	Left atrial dilatation in systolic heart failure: a marker of poor prognosis, not just a buffer between the left ventricle and pulmonary circulation. Journal of Echocardiography, 2018, 16, 155-161.	0.4	16
41	Quantified mitral regurgitation and left atrial function in heart failure with reduced ejection fraction: interplay and outcome implications. European Journal of Heart Failure, 2022, 24, 694-702.	2.9	16
42	Feasibility and relevance of right parasternal view for assessing severity and rate of progression of aortic valve stenosis in primary care. International Journal of Cardiology, 2017, 240, 446-451.	0.8	15
43	When Aortic Stenosis Is Not Alone: Epidemiology, Pathophysiology, Diagnosis and Management in Mixed and Combined Valvular Disease. Frontiers in Cardiovascular Medicine, 2021, 8, 744497.	1.1	15
44	Echocardiographic Strain Imaging in Coronary Artery Disease. Cardiology Clinics, 2020, 38, 517-526.	0.9	14
45	Left atrial volume in patients with HER2â€positive breast cancer: One step further to predict trastuzumabâ€related cardiotoxicity. Clinical Cardiology, 2018, 41, 349-353.	0.7	13
46	The Activated Clotting Time Paradox. Circulation: Cardiovascular Interventions, 2019, 12, e008045.	1.4	13
47	Effects of Aortic Valve Replacement on Left Ventricular Diastolic Function in Patients With Aortic Valve Stenosis. American Journal of Cardiology, 2019, 124, 409-415.	0.7	13
48	The Central Role of Left Atrium in Heart Failure. Frontiers in Cardiovascular Medicine, 2021, 8, 704762.	1.1	13
49	iFR-FFR comparison in daily practice. Journal of Cardiovascular Medicine, 2015, 16, 625-631.	0.6	11
50	Echocardiographically Derived Pulse Wave Velocity and Diastolic Dysfunction Are Associated with an Increased Incidence of Atrial Fibrillation in Patients with Systolic Heart Failure. Echocardiography, 2016, 33, 1024-1031.	0.3	10
51	The right parasternal window: when Doppler-beam alignment may be life-saving in patients with aortic valve stenosis. Journal of Cardiovascular Medicine, 2020, 21, 831-834.	0.6	10
52	Bicuspid aortic valve and sports: From the echocardiographic evaluation to the eligibility for sports competition. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 510-520.	1.3	10
53	Mitral Effective Regurgitant Orifice Area Predicts Pulmonary Artery Pressure Level in Patients with Aortic Valve Stenosis. Journal of the American Society of Echocardiography, 2018, 31, 570-577.e1.	1.2	9
54	Clinical Implications of Distal Vessel Stenosis After Successful Coronary Chronic TotalÂOcclusion Recanalization. JACC: Cardiovascular Interventions, 2018, 11, 2343-2345.	1.1	9

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55	Usefulness of Left Atrial Remodeling in Predicting CardiacToxicity During Trastuzumab Therapy for Breast Cancer. American Journal of Cardiology, 2018, 122, 885-889.	0.7	9
56	Contemporary differences between bicuspid and tricuspid aortic valve in chronic aortic regurgitation. Heart, 2021, 107, 916-924.	1.2	9
57	Drug eluting balloon for the treatment of patients with coronary artery disease: Current perspectives. Cardiovascular Revascularization Medicine, 2018, 19, 215-220.	0.3	8
58	Cardiac Imaging in Anderson-Fabry Disease: Past, Present and Future. Journal of Clinical Medicine, 2021, 10, 1994.	1.0	8
59	RANKL Expression Is Increased in Circulating Mononuclear Cells of Patients with Calcific Aortic Stenosis. Journal of Cardiovascular Translational Research, 2018, 11, 329-338.	1.1	7
60	How to incorporate left atrial strain in the diagnostic algorithm of left ventricular diastolic dysfunction. International Journal of Cardiovascular Imaging, 2021, 37, 945-951.	0.7	7
61	Discrepancies in Assessing Diastolic Function in Pre-Clinical Heart Failure Using Different Algorithmsâ€"A Primary Care Study. Diagnostics, 2020, 10, 850.	1.3	6
62	Refining the Role of Left Atrial Strain in Heart Failure with Reduced Ejection Fraction. Journal of the American Society of Echocardiography, 2021, 34, 804-805.	1.2	6
63	New echocardiographic indices of shift to biventricular failure to optimize risk stratification of chronic heart failure. ESC Heart Failure, 2022, 9, 476-485.	1.4	6
64	A higher body mass index is associated with reduced prevalence of unstable atherosclerotic plaque: A possible explanation of the obesity paradox. International Journal of Cardiology, 2013, 168, 2912-2913.	0.8	5
65	Functional mitral regurgitation. Journal of Cardiovascular Medicine, 2016, 17, 767-773.	0.6	5
66	Drugâ€coated balloon: Longâ€term outcome from a real world threeâ€center experience. Journal of Interventional Cardiology, 2017, 30, 318-324.	0.5	5
67	Heart valve calcification and cardiac hemodynamics. Echocardiography, 2021, 38, 525-530.	0.3	5
68	The Common Combination of Aortic Stenosis with Mitral Regurgitation: Diagnostic Insight and Therapeutic Implications in the Modern Era of Advanced Echocardiography and Percutaneous Intervention. Journal of Clinical Medicine, 2021, 10, 4364.	1.0	5
69	The progression rate of aortic stenosis: key to tailoring the management and potential target for treatment. Journal of Cardiovascular Medicine, 2021, 22, 806-812.	0.6	5
70	Quadricuspid mitral valve: Of clefts, scallops, and indentations. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, e51-e53.	0.4	4
71	MITRAL ANNULAR DISJUNCTION PREVALENCE AND PHYSIOLOGIC CONSEQUENCES IN DEGENERATIVE MITRAL REGURGITATION: A DYNAMIC 3-DIMENSIONAL ECHOCARDIOGRAPHIC STUDY. Journal of the American College of Cardiology, 2017, 69, 1572.	1.2	4
72	Fill in the Gaps of Secondary Mitral Regurgitation: a Continuum Challenge From Pathophysiology to Prognosis. Current Heart Failure Reports, 2018, 15, 106-115.	1.3	4

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73	Usefulness of the Right Parasternal Echocardiographic View to Improve the Hemodynamic Assessment After Valve Replacement for Aortic Stenosis. American Journal of Cardiology, 2021, 142, 103-108.	0.7	4
74	Ischemic Mitral Regurgitation: A Multifaceted Syndrome with Evolving Therapies. Biomedicines, 2021, 9, 447.	1.4	4
75	Left ventricular end-diastolic volume as early indicator of trastuzumab-related cardiotoxicity in HER2+ breast cancer patients: results from a single-center retrospective study. Minerva Cardiology and Angiology, 2017, 65, 278-287.	0.4	4
76	Speckle tracking for the diagnosis of subclinical myocardial involvement in systemic sclerosis: A mandatory tool for everyday clinical practice?. European Journal of Preventive Cardiology, 2018, 25, 1596-1597.	0.8	3
77	Takotsubo syndrome: a neurocardiac syndrome inside the autonomic nervous system. Heart Failure Reviews, 2019, 24, 227-227.	1.7	3
78	Relevance of Functional Mitral Regurgitation in Aortic Valve Stenosis. American Journal of Cardiology, 2020, 136, 115-121.	0.7	3
79	Functional mitral regurgitation: a proportionate or disproportionate focus of attention?. European Journal of Heart Failure, 2021, 23, 1759-1762.	2.9	3
80	Outcome of consistent guideline-based tricuspid management in patients undergoing degenerative mitral regurgitation correction. JTCVS Open, 2021, 7, 125-138.	0.2	3
81	Left atrial strain determinants and clinical features according to the heart failure stages. New insight from EACVI MASCOT registry. International Journal of Cardiovascular Imaging, 2022, 38, 2635-2644.	0.2	3
82	Mitral regurgitation and dyspnoea: the expanding role of mitral effective regurgitant orifice among un-selected patients. Journal of Cardiovascular Medicine, 2020, 21, 503-509.	0.6	2
83	Determinants of exercise intolerance symptoms considered non-specific for heart failure in patients with stage A and B: role of the left atrium in the transition phase to overt heart failure. International Journal of Cardiovascular Imaging, 2021, , 1.	0.7	2
84	Discordant echocardiographic grading in low gradient aortic stenosis (DEGAS study) from the Italian society of echocardiography and cardiovascular imaging research network: Rationale and study design. Journal of Cardiovascular Echography, 2020, 30, 52.	0.1	2
85	Feasibility, Reproducibility and Reference Ranges of Left Atrial Strain in Preterm and Term Neonates in the First 48 h of Life. Diagnostics, 2022, 12, 350.	1.3	2
86	Reply. Journal of the American College of Cardiology, 2020, 76, 2691-2693.	1.2	1
87	Degree of left ventricular dilatation at endâ€diastole: Correlation and prognostic utility of quantitative volumes by 2Dâ€echocardiography versus linear dimensions in patients with asymptomatic aortic regurgitation. Echocardiography, 2020, 37, 1336-1344.	0.3	1
88	Imaging Quality Control, Methodology Harmonization and Clinical Data Management in Stress Echo 2030. Journal of Clinical Medicine, 2021, 10, 3020.	1.0	1
89	Clinical impact of mitral regurgitation in aortic valve stenosis: Insight from effective regurgitant orifice area. Echocardiography, 2021, 38, 1604-1611.	0.3	1
90	Optimizing the role of transthoracic echocardiography to improve the cardiovascular risk stratification: the dream of subclinical coronary artery disease detection. Minerva Medica, 2017, 109, 31-40.	0.3	1

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91	Of Causality and Inferences: Mitral Annular Disjunction and Its Consequencesâ€"Reply. Journal of the American Society of Echocardiography, 2021, , .	1.2	1
92	A New Method to Evaluate Atrial Hemodynamic and Quantify Mitral Regurgitation using Cardiovascular Magnetic Resonance: The Pulmonary Venous Flow Approach. Journal of Heart Valve Disease, 2017, 26, 456-459.	0.5	1
93	Unequivocal interpretation of dobutamine stress echocardiography in lowâ€flow, lowâ€gradient aortic stenosis by right parasternal view. Echocardiography, 2022, 39, 136-139.	0.3	1
94	Incremental Prognosis by Left Atrial Functional Assessment: The Left Atrial Coupling Index in Patients With Floppy Mitral Valves. Journal of the American Heart Association, 2022, 11, e024814.	1.6	1
95	Prevalence of patients with severely reduced aortic valve area and low gradient despite a preserved ejection fraction. Results from a cath-lab data base. International Journal of Cardiology, 2013, 167, 3034-3036.	0.8	0
96	Left atrium volume index measurement in routine practice: does it independently impact survival of degenerative mitral valve disease?. Archives of Cardiovascular Diseases Supplements, 2017, 9, 253.	0.0	0
97	LEFT ATRIAL ENLARGEMENT IN PATIENTS WITH VENTRICULAR DYSFUNCTION: INNOCENT BYSTANDER OR MEANINGFUL DETERMINANT OF SURVIVAL?. Journal of the American College of Cardiology, 2017, 69, 721.	1.2	0
98	P95â€…Chronic obstructive pulmonary disease in symptomatic aortic stenosis: a main underlying diagnostic confounder and prognostic factor. , 2017, , .		0
99	Transcatheter edgeâ€toâ€edge mitral valve repair: what is the measure of success?. European Journal of Heart Failure, 2019, 21, 205-207.	2.9	0
100	Bicuspid aortic valve disease from infancy to older age: A 25-year experience from an Italian referral center. Journal of Cardiovascular Echography, 2021, 31, 29.	0.1	0
101	Prognostic impact of chronic obstructive pulmonary disease in severe symptomatic aortic stenosis. , 2016, , .		0
102	COPD in symptomatic aortic stenosis: the importance of correct assessment for defining prognosis. , 2018, , .		0
103	Multimodality imaging in functional mitral regurgitation: Valvular disease and the chamber remodeling quantification. International Journal of Cardiology, 2021, , .	0.8	0
104	277â€ƒTemporal trends of advanced 2D-speckle tracking echocardiography in trastuzumab treated patients. European Heart Journal Supplements, 2021, 23, .	0.0	0
105	255â€ƒTricuspid regurgitation in the community by routine echocardiography. European Heart Journal Supplements, 2021, 23, .	0.0	0
106	322â€ƒAtrial morphological and functional parameters in hypertrophic cardiomyopathy: cardiovascular outcome implication. European Heart Journal Supplements, 2021, 23, .	0.0	0
107	279â€ƒMedical treatment with ARNI may reduce indications for primary prevention of sudden cardiac death in heart failure with reduced ejection fraction: insights from discover-ARNI, a multicentre Italian register. European Heart Journal Supplements, 2021, 23, .	0.0	0
108	47â€ƒQuantified mitral regurgitation and left atrial function in HFrEF: intraplay and outcome implications. European Heart Journal Supplements, 2021, 23, .	0.0	0

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109	266â€ƒDeformation imaging by strain in chronic heart failure over sacubitrilâ€“valsartan: a multicentre echocardiographic registry (discover)â€”ARNI. European Heart Journal Supplements, 2021, 23, .	0.0	0
110	167â€ƒRight ventricular involvement in breast cancer patients undergoing chemotherapy. European Heart Journal Supplements, 2021, 23, .	0.0	0
111	Case Report: Posterior Thoracic Window in the Presence of Pleural Effusion in Critical Care Medicine: One More Chance to Image the Aortic Valve. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	0