

Bernard Cosyns

List of Publications by Year in descending order

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98
papers

15,703
citations

109264

35
h-index

45285

90
g-index

99
all docs

99
docs citations

99
times ranked

15767
citing authors

#	ARTICLE	IF	CITATIONS
1	2019 ESC Guidelines for the diagnosis and management of chronic coronary syndromes. European Heart Journal, 2020, 41, 407-477.	1.0	4,210
2	2019 ESC Guidelines on diabetes, pre-diabetes, and cardiovascular diseases developed in collaboration with the EASD. European Heart Journal, 2020, 41, 255-323.	1.0	2,811
3	2021 ESC Guidelines on cardiovascular disease prevention in clinical practice. European Heart Journal, 2021, 42, 3227-3337.	1.0	2,517
4	Standardization of left atrial, right ventricular, and right atrial deformation imaging using two-dimensional speckle tracking echocardiography: a consensus document of the EACVI/ASE/Industry Task Force to standardize deformation imaging. European Heart Journal Cardiovascular Imaging, 2018, 19, 591-600.	0.5	891
5	Recommendations for the practice of echocardiography in infective endocarditis. European Journal of Echocardiography, 2010, 11, 202-219.	2.3	457
6	Clinical presentation, aetiology and outcome of infective endocarditis. Results of the ESC-EORP EURO-ENDO (European infective endocarditis) registry: a prospective cohort study. European Heart Journal, 2019, 40, 3222-3232.	1.0	421
7	Global evaluation of echocardiography in patients with COVID-19. European Heart Journal Cardiovascular Imaging, 2020, 21, 949-958.	0.5	317
8	Treatment of Parkinson's disease with pergolide and relation to restrictive valvular heart disease. Lancet, The, 2004, 363, 1179-1183.	6.3	312
9	Expert Consensus for Multi-Modality Imaging Evaluation of Cardiovascular Complications of Radiotherapy in Adults: A Report from the European Association of Cardiovascular Imaging and the American Society of Echocardiography. Journal of the American Society of Echocardiography, 2013, 26, 1013-1032.	1.2	303
10	Expert consensus for multi-modality imaging evaluation of cardiovascular complications of radiotherapy in adults: a report from the European Association of Cardiovascular Imaging and the American Society of Echocardiography. European Heart Journal Cardiovascular Imaging, 2013, 14, 721-740.	0.5	278
11	COVID-19 pandemic and cardiac imaging: EACVI recommendations on precautions, indications, prioritization, and protection for patients and healthcare personnel. European Heart Journal Cardiovascular Imaging, 2020, 21, 592-598.	0.5	237
12	Role of multimodality cardiac imaging in the management of patients with hypertrophic cardiomyopathy: an expert consensus of the European Association of Cardiovascular Imaging Endorsed by the Saudi Heart Association. European Heart Journal Cardiovascular Imaging, 2015, 16, 280-280.	0.5	214
13	Echocardiographic reference ranges for normal non-invasive myocardial work indices: results from the EACVI NORRE study. European Heart Journal Cardiovascular Imaging, 2019, 20, 582-590.	0.5	204
14	European Association of Cardiovascular Imaging (EACVI) position paper: multimodality imaging in pericardial disease. European Heart Journal Cardiovascular Imaging, 2015, 16, 12-31.	0.5	186
15	Distribution and Prognostic Significance of Left Ventricular Global Longitudinal Strain in Asymptomatic Significant Aortic Stenosis. JACC: Cardiovascular Imaging, 2019, 12, 84-92.	2.3	178
16	Clinical practice of contrast echocardiography: recommendation by the European Association of Cardiovascular Imaging (EACVI) 2017. European Heart Journal Cardiovascular Imaging, 2017, 18, 1205-1205af.	0.5	177
17	Multi-modality imaging assessment of native valvular regurgitation: an EACVI and ESC council of valvular heart disease position paper. European Heart Journal Cardiovascular Imaging, 2022, 23, e171-e232.	0.5	121
18	The use of echocardiography in acute cardiovascular care: Recommendations of the European Association of Cardiovascular Imaging and the Acute Cardiovascular Care Association. European Heart Journal Cardiovascular Imaging, 2015, 16, 119-146.	0.5	115

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19	The use of echocardiography in acute cardiovascular care: Recommendations of the European Association of Cardiovascular Imaging and the Acute Cardiovascular Care Association. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2015, 4, 3-5.	0.4	105
20	Focus cardiac ultrasound core curriculum and core syllabus of the European Association of Cardiovascular Imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 475-481.	0.5	101
21	Fractional Flow Reserve Derived From Computed Tomographic Angiography in Patients With Multivessel CAD. <i>Journal of the American College of Cardiology</i> , 2018, 71, 2756-2769.	1.2	92
22	Multimodality Imaging in Restrictive Cardiomyopathies: An EACVI expert consensus document In collaboration with the "Working Group on myocardial and pericardial diseases" of the European Society of Cardiology Endorsed by The Indian Academy of Echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1090-1121.	0.5	91
23	Targeting of vascular cell adhesion molecule-1 by ¹⁸ F-labelled nanobodies for PET/CT imaging of inflamed atherosclerotic plaques. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 1001-1008.	0.5	83
24	Possible Association Between 3,4-Methylenedioxyamphetamine Abuse and Valvular Heart Disease. <i>American Journal of Cardiology</i> , 2007, 100, 1442-1445.	0.7	80
25	3D echocardiographic reference ranges for normal left ventricular volumes and strain: results from the EACVI NORRE study. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 475-483.	0.5	74
26	A joint procedural position statement on imaging in cardiac sarcoidosis: from the Cardiovascular and Inflammation & Infection Committees of the European Association of Nuclear Medicine, the European Association of Cardiovascular Imaging, and the American Society of Nuclear Cardiology. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1073-1089.	0.5	74
27	The role of cardiovascular imaging for myocardial injury in hospitalized COVID-19 patients. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 709-714.	0.5	69
28	In vivo model of drug-induced valvular heart disease in rats: pergolide-induced valvular heart disease demonstrated with echocardiography and correlation with pathology. <i>European Heart Journal</i> , 2007, 28, 2156-2162.	1.0	65
29	Multimodality imaging in the diagnosis, risk stratification, and management of patients with dilated cardiomyopathies: an expert consensus document from the European Association of Cardiovascular Imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1075-1093.	0.5	65
30	EACVI appropriateness criteria for the use of transthoracic echocardiography in adults: a report of literature and current practice review. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1191-1204.	0.5	63
31	Update of the Echocardiography Core Syllabus of the European Association of Cardiovascular Imaging (EACVI). <i>European Heart Journal Cardiovascular Imaging</i> , 2013, 14, 837-839.	0.5	59
32	The ESC-EORP EURO-ENDO (European Infective Endocarditis) registry. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2019, 5, 202-207.	1.8	53
33	Multimodality imaging in takotsubo syndrome: a joint consensus document of the European Association of Cardiovascular Imaging (EACVI) and the Japanese Society of Echocardiography (JSE). <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 1184-1207.	0.5	45
34	Drug-induced valvular heart disease. <i>Heart</i> , 2013, 99, 7-12.	1.2	42
35	Appropriateness criteria for the use of cardiovascular imaging in heart valve disease in adults: a European Association of Cardiovascular Imaging report of literature review and current practice. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 489-498.	0.5	41
36	The dysfunctional right ventricle: the importance of multi-modality imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 885-897.	0.5	33

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37	Contemporary rationale for non-invasive imaging of adverse coronary plaque features to identify the vulnerable patient: A Position Paper from the European Society of Cardiology Working Group on Atherosclerosis and Vascular Biology and the European Association of Cardiovascular Imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 1177-1183.	0.5	29
38	The structural heart disease interventional imager rationale, skills and training: a position paper of the European Association of Cardiovascular Imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 471-479.	0.5	28
39	Clinical applications of cardiac computed tomography: a consensus paper of the European Association of Cardiovascular Imaging part I. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 299-314.	0.5	27
40	Role of echocardiography in toxic heart valvulopathy. <i>European Journal of Echocardiography</i> , 2009, 10, 467-476.	2.3	26
41	Dose Dependency and Reversibility of Serotonin-Induced Valvular Heart Disease in Rats. <i>Cardiovascular Toxicology</i> , 2009, 9, 134-141.	1.1	26
42	Effect of streptozotocin-induced diabetes on myocardial blood flow reserve assessed by myocardial contrast echocardiography in rats. <i>Cardiovascular Diabetology</i> , 2008, 7, 26.	2.7	23
43	Effect of streptozotocin-induced diabetes on left ventricular function in adult rats: an in vivo Pinhole Gated SPECT study. <i>Cardiovascular Diabetology</i> , 2007, 6, 30.	2.7	22
44	Update of the European Association of Cardiovascular Imaging (EACVI) Core Syllabus for the European Cardiovascular Magnetic Resonance Certification Exam. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 728-729.	0.5	21
45	Training, competence, and quality improvement in echocardiography: the European Association of Cardiovascular Imaging Recommendations: update 2020. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 1305-1319.	0.5	21
46	Clinical applications of cardiac computed tomography: a consensus paper of the European Association of Cardiovascular Imaging part II. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, e136-e161.	0.5	21
47	Cardiovascular imaging practice in Europe: a report from the European Association of Cardiovascular Imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 697-702.	0.5	19
48	Subclinical Myocardial Dysfunction in Patients with Persistent Dyspnea One Year after COVID-19. <i>Diagnostics</i> , 2022, 12, 57.	1.3	18
49	Contraction alterations in Brugada syndrome; association with life-threatening ventricular arrhythmias. <i>International Journal of Cardiology</i> , 2020, 299, 147-152.	0.8	17
50	Multimodality imaging approach to left ventricular dysfunction in diabetes: an expert consensus document from the European Association of Cardiovascular Imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, e62-e84.	0.5	16
51	A Plea Not to Forget Infective Endocarditis in COVID-19 Era. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2470-2471.	2.3	15
52	Normal reference values for echocardiography: a call for comparison between ethnicities. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 523-524.	0.5	13
53	Incremental value of left atrial strain to predict atrial fibrillation recurrence after cryoballoon ablation. <i>PLoS ONE</i> , 2021, 16, e0259999.	1.1	13
54	Left atrium remodeling predicts late recurrence of paroxysmal atrial fibrillation after second generation cryoballoon ablation. <i>Cardiovascular Ultrasound</i> , 2018, 16, 19.	0.5	11

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55	Coronary Calcium Score in COVID-19 Hospitalized Patients. JACC: Cardiovascular Imaging, 2020, 13, 2698.	2.3	11
56	Ultrasound contrast agent hypersensitivity in patients allergic to polyethylene glycol: position statement by the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2021, 22, 959-960.	0.5	9
57	Cancer and Infective Endocarditis: Characteristics and Prognostic Impact. Frontiers in Cardiovascular Medicine, 2021, 8, 766996.	1.1	9
58	E-learning in cardiovascular imaging: another step towards a structured educational approach. European Heart Journal Cardiovascular Imaging, 2015, 16, 463-465.	0.5	8
59	Tissue Doppler imaging does not show infraclinical alteration of myocardial function after contrast echocardiography. European Journal of Echocardiography, 2005, 6, 238-242.	2.3	7
60	Pergolide and valvular heart disease: the lower the better?. European Journal of Echocardiography, 2008, 9, 717-718.	2.3	7
61	Recent Advances in Visualizing Vulnerable Plaque: Focus on Noninvasive Molecular Imaging. Current Cardiology Reports, 2014, 16, 520.	1.3	7
62	The use of echocardiography in acute cardiovascular care: Recommendations of the European Association of Cardiovascular Imaging and the Acute Cardiovascular Care Association. European Heart Journal: Acute Cardiovascular Care, 2015, 4, 100-132.	0.4	6
63	Troponin T in COVID-19 hospitalized patients: Kinetics matter. Cardiology Journal, 2021, , .	0.5	6
64	Clinical validation of an ultrasound quantification score for aortic valve calcifications. International Journal of Cardiology, 2018, 252, 68-71.	0.8	5
65	EuroEcho 2019: highlights. European Heart Journal Cardiovascular Imaging, 2020, 21, 469-478.	0.5	5
66	How to perform an ultrasound contrast myocardial perfusion examination?. European Heart Journal Cardiovascular Imaging, 2022, 23, 727-729.	0.5	5
67	Use of Contrast Echocardiography in Intensive Care and at the Emergency Room. Current Cardiology Reviews, 2011, 7, 157-162.	0.6	4
68	Quantification of Calcium Amount in a New Experimental Model: A Comparison between Ultrasound and Computed Tomography. PLoS ONE, 2016, 11, e0148904.	1.1	4
69	The year 2018 in the European Heart Journal " Cardiovascular Imaging: Part I. European Heart Journal Cardiovascular Imaging, 2019, 20, 858-865.	0.5	4
70	Global longitudinal strain in severe aortic stenosis. European Heart Journal Cardiovascular Imaging, 2020, 21, 1259-1261.	0.5	4
71	Feasibility and Reproducibility of Left Atrium Measurements Using Different Three-Dimensional Echocardiographic Modalities. Diagnostics, 2020, 10, 1043.	1.3	4
72	Feasibility, Reproducibility and Validation of Right Ventricular Volume and Function Assessment Using Three-Dimensional Echocardiography. Diagnostics, 2021, 11, 699.	1.3	4

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73	Impact of baseline left ventricular volume on left ventricular reverse remodeling after cardiac resynchronization therapy. <i>Heart Rhythm</i> , 2022, 19, 927-936.	0.3	4
74	Head to head comparison of transesophageal and transthoracic contrast-enhanced echocardiography during dobutamine administration for the detection of coronary artery disease. <i>International Journal of Cardiology</i> , 2008, 129, 105-110.	0.8	3
75	Analysis of regional wall motion during contrast-enhanced dobutamine stress echocardiography: effect of contrast imaging settings. <i>European Journal of Echocardiography</i> , 2009, 10, 956-960.	2.3	3
76	Republished: Drug-induced valvular heart disease. <i>Postgraduate Medical Journal</i> , 2013, 89, 173-178.	0.9	3
77	Right here, right now!. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 21, 22-23.	0.5	3
78	The year 2019 in the <i>European Heart Journal Cardiovascular Imaging</i> : Part I. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 1208-1215.	0.5	3
79	Safety of ultrasound contrast agents: 'Primum non nocere'?. <i>Acta Cardiologica</i> , 2009, 64, 547-552.	0.3	3
80	EACVI survey on burnout amongst cardiac imaging specialists during the 2019 coronavirus disease pandemic. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, , .	0.5	3
81	Left ventricular pseudo-aneurysm as a source of recurrent septicaemia. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 94-94.	0.5	2
82	Old wine in a new bottle: non-invasive quantitative evaluation of pulmonary congestion with pulmonary blood volume index by cardiac magnetic resonance. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1377-1378.	0.5	2
83	HIT communication paper: strategies and tips to increase your chances of winning an EACVI grant. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 735-739.	0.5	2
84	The year 2019 in the <i>European Heart Journal Cardiovascular Imaging</i> : part II. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 1331-1340.	0.5	2
85	Streptococcal pharyngitis associated myocarditis (SPAM): the perfect ST-segment elevation myocardial infarction (STEMI) mimic in young individuals. A case series.. <i>Acta Cardiologica</i> , 2021, 76, 449-454.	0.3	2
86	Paravalvular Leak Assessment After TAVR. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1312-1313.	1.1	2
87	The year 2020 in the <i>European Heart Journal Cardiovascular Imaging</i> : part I. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 1219-1227.	0.5	2
88	Additional value of left atrium remodeling assessed by three-dimensional echocardiography for the prediction of atrial fibrillation recurrence after cryoballoon ablation. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 1103-1111.	0.7	2
89	Echocardiographic integrated backscatter for the differentiation between aortic valve calcification and valvular myxoid degeneration in rats. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 1042-1047.	0.5	1
90	'Black box warning' on food and drug administration criteria for drug-induced heart valve disease?. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 154-155.	0.5	1

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91	The year 2020 in the European Heart Journalâ€”Cardiovascular Imaging: part II. European Heart Journal Cardiovascular Imaging, 2021, , .	0.5	1
92	Relationship between late potentials and myocardial viability assessed by dobutamine echocardiography in the early postinfarction period. Coronary Artery Disease, 2002, 13, 119-123.	0.3	0
93	NOACs only for those who cannot tolerate a VKA: where is the evidence?. Acta Cardiologica, 2019, 74, 17-20.	0.3	0
94	Maurizio Galderisi (31 August 1954â€”27 March 2020). European Heart Journal, 2020, 41, 2350-2351.	1.0	0
95	Tell me the name of your sport and I will tell you the size of your aorta. European Journal of Preventive Cardiology, 2020, 27, 1515-1517.	0.8	0
96	Guiding Myocardial Revascularization by Algorithmic Interpretation of FFR Pullback Curves: A Proof of Concept Study. Frontiers in Cardiovascular Medicine, 2021, 8, 623841.	1.1	0
97	Exercise Systolic Pulmonary Arterial Pressure in Asymptomatic Mitral Regurgitation: Back to the Future. Journal of the American Society of Echocardiography, 2021, 34, 941-943.	1.2	0
98	Surgery in infective endocarditis: does quantity mean quality?. European Heart Journal: Acute Cardiovascular Care, 2022, 11, 111-112.	0.4	0