

Thomas Binder

List of Publications by Year in descending order

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57
papers

4,044
citations

304743

22
h-index

155660

55
g-index

59
all docs

59
docs citations

59
times ranked

4444
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictors of Outcome in Severe, Asymptomatic Aortic Stenosis. <i>New England Journal of Medicine</i> , 2000, 343, 611-617.	27.0	1,181
2	Natriuretic Peptides Predict Symptom-Free Survival and Postoperative Outcome in Severe Aortic Stenosis. <i>Circulation</i> , 2004, 109, 2302-2308.	1.6	405
3	Statins but Not Angiotensin-Converting Enzyme Inhibitors Delay Progression of Aortic Stenosis. <i>Circulation</i> , 2004, 110, 1291-1295.	1.6	391
4	Mild and moderate aortic stenosis Natural history and risk stratification by echocardiography. <i>European Heart Journal</i> , 2004, 25, 199-205.	2.2	383
5	Pulmonary Hypertension in Heart Failure. Epidemiology, Right Ventricular Function, and Survival. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 1234-1246.	5.6	217
6	European Association of Cardiovascular Imaging/Cardiovascular Imaging Department of the Brazilian Society of Cardiology recommendations for the use of cardiac imaging to assess and follow patients after heart transplantation. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 919-948.	1.2	180
7	Normal values for Doppler echocardiographic assessment of heart valve prostheses. <i>Journal of the American Society of Echocardiography</i> , 2003, 16, 1116-1127.	2.8	160
8	Impact of tricuspid regurgitation on survival in patients with chronic heart failure: unexpected findings of a long-term observational study. <i>European Heart Journal</i> , 2013, 34, 844-852.	2.2	150
9	Two dimensional speckle tracking echocardiography: clinical applications. <i>Heart</i> , 2010, 96, 2032-2040.	2.9	102
10	Markers of oxidative stress after ablation of atrial fibrillation are associated with inflammation, delivered radiofrequency energy and early recurrence of atrial fibrillation. <i>Clinical Research in Cardiology</i> , 2012, 101, 217-225.	3.3	73
11	Conventional versus rapid-deployment aortic valve replacement: a single-centre comparison between the Edwards Magna valve and its rapid-deployment successor. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 22, 799-805.	1.1	63
12	Neutrophil extracellular traps and fibrocytes in ST-segment elevation myocardial infarction. <i>Basic Research in Cardiology</i> , 2019, 114, 33.	5.9	60
13	Prognostic value of serial B-type natriuretic peptide measurement in asymptomatic organic mitral regurgitation. <i>European Journal of Heart Failure</i> , 2011, 13, 163-169.	7.1	55
14	Echocardiographic assessment of right ventricular function: current clinical practice. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 49-56.	1.5	53
15	Two-dimensional speckle-tracking strain echocardiography in long-term heart transplant patients: a study comparing deformation parameters and ejection fraction derived from echocardiography and multislice computed tomography. <i>European Journal of Echocardiography</i> , 2011, 12, 490-496.	2.3	44
16	Long-Term Outcome of Active Surveillance in Severe But Asymptomatic Primary Mitral Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1213-1221.	5.3	39
17	A machine learning algorithm supports ultrasound-naïve novices in the acquisition of diagnostic echocardiography loops and provides accurate estimation of LVEF. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 577-586.	1.5	37
18	Echocardiographic evaluation of the right heart. <i>Wiener Klinische Wochenschrift</i> , 2018, 130, 413-420.	1.9	34

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19	Time course of markers of tissue repair after ablation of atrial fibrillation and their relation to left atrial structural changes and clinical ablation outcome. <i>International Journal of Cardiology</i> , 2011, 152, 231-236.	1.7	33
20	Intermediate-term outcome of 500 consecutive rapid-deployment surgical aortic valve procedures. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 527-533.	1.4	32
21	Comparable long-term results for porcine and pericardial prostheses after isolated aortic valve replacement. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 48, 557-561.	1.4	27
22	Mechanisms of heart failure in transthyretin vs. light chain amyloidosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 512-524.	1.2	26
23	Visual assessment of right ventricular function by echocardiography: how good are we?. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 2001-2008.	1.5	23
24	Relation Between Left Atrial Size and Secondary Atrial Arrhythmias After Successful Catheter Ablation of Common Atrial Flutter. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1997, 20, 2936-2942.	1.2	21
25	Papillary Muscle Dyssynchrony-Mediated Functional Mitral Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1728-1737.	5.3	21
26	Rapid-Deployment Aortic Valves for Patients With a Small Aortic Root: A Single-Center Experience. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1549-1556.	1.3	21
27	Prognostic implications of pericardial and pleural effusion in patients with cardiac amyloidosis. <i>Clinical Research in Cardiology</i> , 2021, 110, 532-543.	3.3	21
28	Left Atrial Diameter and Survival among Renal Allograft Recipients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013, 8, 2100-2105.	4.5	17
29	Importance of Diastolic Function for the Prediction of Arrhythmic Death. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e007757.	4.8	14
30	Multi-view approach for the diagnosis of pulmonary hypertension using transthoracic echocardiography. <i>International Journal of Cardiovascular Imaging</i> , 2017, 34, 695-700.	1.5	13
31	Pulmonary artery to ascending aorta ratio by echocardiography: A strong predictor for presence and severity of pulmonary hypertension. <i>PLoS ONE</i> , 2020, 15, e0235716.	2.5	12
32	The COVID-19 burden for health care professionals: Results of a global survey. <i>European Journal of Internal Medicine</i> , 2021, 83, 96-98.	2.2	12
33	Severe tricuspid regurgitation: prognostic role of right heart remodelling and pulmonary hypertension. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 246-254.	1.2	12
34	Prognostic relevance of mitral and tricuspid regurgitation in patients with severe aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 985-992.	1.2	11
35	Normal values for Doppler echocardiographic assessment of prosthetic valve function after transcatheter aortic valve replacement: a systematic review and meta-analysis. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 361-368.	1.2	10
36	Endostatin and osteopontin are elevated in patients with both coronary artery disease and aortic valve calcification. <i>IJC Metabolic & Endocrine</i> , 2015, 9, 5-9.	0.5	7

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37	Selection for atrial fibrillation ablation: Importance of diastolic function grading. <i>Journal of Cardiology</i> , 2015, 65, 479-486.	1.9	7
38	Big endothelin-1 is not a predictor in aortic stenosis, but is related to arterial blood pressure. <i>International Journal of Cardiology</i> , 2006, 113, 174-180.	1.7	6
39	Amino-Terminal Pro-B-Type Brain Natriuretic Peptide: Screening for Cardiovascular Disease in the Setting of Alcoholism. <i>Alcohol and Alcoholism</i> , 2011, 46, 247-252.	1.6	6
40	Prognostic Value of Right Ventricular Dysfunction and Tricuspid Regurgitation in Patients with Severe Low-Flow Low-Gradient Aortic Stenosis. <i>Scientific Reports</i> , 2019, 9, 14580.	3.3	6
41	Echocardiographic evaluation of left ventricular filling pressures in patients with pulmonary hypertension. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 861-868.	1.5	6
42	Right atrial strain is a surrogate of coupling in the right heart. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 863-864.	1.2	6
43	Regression of left atrial diameter after kidney transplantation is associated with prolonged survival: an observational study. <i>Transplant International</i> , 2018, 31, 999-1007.	1.6	5
44	Added value of transthoracic 2D echocardiographic en face view of the tricuspid valve. <i>Wiener Klinische Wochenschrift</i> , 2020, 132, 94-96.	1.9	5
45	Systematic Evaluation of Systemic Right Ventricular Function. <i>Journal of Clinical Medicine</i> , 2020, 9, 107.	2.4	5
46	Point of care echocardiography and lung ultrasound in critically ill patients with COVID-19. <i>Wiener Klinische Wochenschrift</i> , 2021, 133, 1298-1309.	1.9	5
47	Multimodality imaging of a primary cardiac diffuse large B-cell lymphoma. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 909-909.	1.2	4
48	Aortic stenosis is an independent predictor for outcome in patients with in-hospital cardiac arrest. <i>Resuscitation</i> , 2019, 137, 156-160.	3.0	4
49	Detection of atrial shunt lesions with a single echocardiographic parameter. <i>Wiener Klinische Wochenschrift</i> , 2020, 132, 295-300.	1.9	4
50	Atherosclerotic plaque detected by transesophageal echocardiography is an independent predictor for all-cause mortality. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 1437-1443.	1.5	4
51	Osteopontin is elevated in patients with mitral annulus calcification independent from classic cardiovascular risk factors. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 132.	1.7	3
52	Prognostic Value of Echocardiographic Right Ventricular Function Parameters in the Presence of Severe Tricuspid Regurgitation. <i>Journal of Clinical Medicine</i> , 2021, 10, 2266.	2.4	3
53	Predicting the presence of coronary artery disease by transesophageal echocardiography. <i>Wiener Klinische Wochenschrift</i> , 2020, 132, 708-715.	1.9	2
54	Speckle Tracking-Derived Longitudinal Strain: Validation and Influence of Scanner Settings. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 154-162.	1.5	1

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55	Cardiac remodeling in ambitious endurance-trained amateur athletes older than 50 years—an observational study. PLoS ONE, 2022, 17, e0266951.	2.5	1
56	The aureole sign: a rare echocardiographic artefact. European Heart Journal Cardiovascular Imaging, 2017, 18, 722-722.	1.2	0
57	Grenzenlose Weiterbildung und neue Wege in der Forschung. , 2019, , 129-138.		0