

Bijoy K Khandheria

List of Publications by Year in descending order

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138
papers

5,146
citations

172386
29
h-index

88593
70
g-index

139
all docs

139
docs citations

139
times ranked

5607
citing authors

#	ARTICLE	IF	CITATIONS
1	Myocardial Work in Aortic Regurgitation: It Also Works!. Journal of the American Society of Echocardiography, 2022, 35, 712-714.	1.2	2
2	Bicuspid aortic valve and aortopathy: novel prognostic predictors for the identification of high-risk patients. European Heart Journal Cardiovascular Imaging, 2021, 22, 808-816.	0.5	14
3	Myocardial work index: a glimmer of hope in COVID-19. European Heart Journal Cardiovascular Imaging, 2021, 22, 228-228.	0.5	4
4	Focus, Not Point-of-Care, Echocardiography in Prone Position: It Can Be Done in COVID-19 Patients. Case, 2021, 5, 53-55.	0.1	2
5	Nonvisualization of the Left Atrial Appendage and Role of Multimodality Imaging. Case, 2021, 5, 4-6.	0.1	2
6	Myocardial work, left atrial longitudinal strain: till death do us part in atrial fibrillation. European Heart Journal Cardiovascular Imaging, 2021, 22, e6-e6.	0.5	0
7	Myocardial work assessment in severe aortic stenosis undergoing transcatheter aortic valve replacement. European Heart Journal Cardiovascular Imaging, 2021, 22, 715-721.	0.5	43
8	Rare and Complex Case Mimics Acute Myocardial Infarction. JACC: Case Reports, 2021, 3, 125-127.	0.3	1
9	Comprehensive Echocardiographic Findings in Critically Ill COVID-19 Patients With or Without Prior Cardiac Disease. Journal of Patient-centered Research and Reviews, 2021, 8, 68-76.	0.6	10
10	Resting global myocardial work can improve interpretation of exercise stress echocardiography. International Journal of Cardiovascular Imaging, 2021, 37, 2409-2417.	0.7	5
11	Myocardial work in Stage 1 and 2 hypertensive patients. European Heart Journal Cardiovascular Imaging, 2021, 22, 744-750.	0.5	31
12	Preprocedure COVID-19 Testing in Early Phase of Pandemic. Journal of Patient-centered Research and Reviews, 2021, 8, 151-153.	0.6	0
13	Trend of Global Longitudinal Strain in Takotsubo Cardiomyopathy and Clinical Predictors of Recovery. Journal of the American Society of Echocardiography, 2021, 34, 452-453.	1.2	2
14	The wounded Watchman: Watchman that does not stand guard efficiently. European Heart Journal Cardiovascular Imaging, 2021, 22, e145-e145.	0.5	0
15	A sonographer's approach to mitral valve prolapse malignancy. European Heart Journal Cardiovascular Imaging, 2021, 22, e151-e151.	0.5	0
16	The Utility of Myocardial Work in Clinical Practice. Journal of the American Society of Echocardiography, 2021, 34, 807-818.	1.2	52
17	CMR predictors of secondary moderate-to-severe mitral regurgitation and its additive prognostic role in previous myocardial infarction. Journal of Cardiology, 2021, 79, 90-97.	0.8	0
18	Myocardial work and left ventricular contractile reserve during stress echocardiography: An angiographic validation. Echocardiography, 2021, 38, 1711-1721.	0.3	6

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19	Does position matter?. European Heart Journal Cardiovascular Imaging, 2021, 22, 246-246.	0.5	0
20	Non-transmural myocardial infarction associated with regional contractile function is an independent predictor of positive outcome: an integrated approach to myocardial viability. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 121.	1.6	4
21	Regional myocardial high energy demand: a substrate for arrhythmogenesis in Barlow's syndrome. European Heart Journal Cardiovascular Imaging, 2021, 22, e128-e128.	0.5	0
22	Seroprevalence of SARS-CoV-2 Antibody in Echocardiography and Stress Laboratory. Journal of Patient-centered Research and Reviews, 2021, 8, 146-150.	0.6	2
23	Patent foramen ovale: anatomical complexity and long-tunnel morphology related issues. American Journal of Cardiovascular Disease, 2021, 11, 316-329.	0.5	0
24	Assessment of intra and extra-hospital outcome after takotsubo syndrome in a single-center population. Journal of Cardiovascular Echography, 2021, 31, 207.	0.1	0
25	Left Ventricular Mechanics Differ in Subtypes of Aortic Stenosis Following Transcatheter Aortic Valve Replacement. Frontiers in Cardiovascular Medicine, 2021, 8, 777206.	1.1	5
26	Early clinical and procedural outcomes in large series of 340mm self-expanding transcatheter aortic valve replacement. Catheterization and Cardiovascular Interventions, 2020, 96, 940-946.	0.7	1
27	Striking the Balance between Safety of Patients and Team Members with Effective, High-Quality Care. Journal of the American Society of Echocardiography, 2020, 33, 1421.	1.2	2
28	Prevalence and significance of isolated left ventricular non-compaction phenotype in normal black Africans using echocardiography. IJC Heart and Vasculature, 2020, 30, 100585.	0.6	4
29	Reopening echocardiography services to care for our patients, including the COVID-19 patient population. European Heart Journal Cardiovascular Imaging, 2020, 21, 1175-1175.	0.5	0
30	Using the Electronic Medical Record to Transform Care for Severe Aortic Stenosis. Journal of the American Society of Echocardiography, 2020, 33, 1159-1160.	1.2	1
31	Familial LEOPARD Syndrome With Hypertrophic Cardiomyopathy. American Journal of Cardiology, 2020, 135, 168-173.	0.7	3
32	Feasibility of Transthoracic Imaging of the Heart in the Prone Position. Journal of the American Society of Echocardiography, 2020, 33, 1147-1148.	1.2	4
33	Answering to the Call of Critically Ill Patients: Limiting Sonographer Exposure to COVID-19 with Focused Protocols. Journal of the American Society of Echocardiography, 2020, 33, 902-903.	1.2	17
34	Association Between Malignant Mitral Valve Prolapse and Sudden Cardiac Death. JAMA Cardiology, 2020, 5, 1053.	3.0	46
35	Myocardial Work: A New Type of Strain Imaging?. Journal of the American Society of Echocardiography, 2020, 33, 1209-1211.	1.2	21
36	Pickelhaube Spike, a High-Risk Marker for Bileaflet Myxomatous Mitral Valve Prolapse: Sonographer's Quest for the Highest Spike. Journal of the American Society of Echocardiography, 2020, 33, 639-640.	1.2	9

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37	Myocardial work index: it works. European Heart Journal Cardiovascular Imaging, 2020, 21, 1049-1049.	0.5	1
38	Abstract 14432: Myocardial Work in Stage I and II Hypertensive Patients. Circulation, 2020, 142, .	1.6	1
39	Myocardial Work Index: A Novel Method for Assessment of Myocardial Function in South Asian Recreational Athletes. Journal of Patient-centered Research and Reviews, 2020, 7, 147-156.	0.6	9
40	Atrial-ventricular function in rheumatic mitral regurgitation using strain imaging. Echo Research and Practice, 2020, 7, 9-17.	0.6	0
41	Echocardiographic evaluation of right ventricular-arterial coupling in pulmonary hypertension. American Journal of Cardiovascular Disease, 2020, 10, 272-283.	0.5	3
42	Diastolic dysfunction evaluated by cardiac magnetic resonance: the value of the combined assessment of atrial and ventricular function. European Radiology, 2019, 29, 1555-1564.	2.3	20
43	Look what happens when we do not treat. European Heart Journal Cardiovascular Imaging, 2019, 21, 117.	0.5	0
44	Echocardiographic Parameters Continue to Improve in Patients with Self-Expandable Transcatheter Aortic Valve for Failing Bioprosthetic Aortic Valve Replacement. Structural Heart, 2019, 3, 507-509.	0.2	0
45	Global Myocardial Work Is Superior to Global Longitudinal Strain to Predict Significant Coronary Artery Disease in Patients With Normal Left Ventricular Function and Wall Motion. Journal of the American Society of Echocardiography, 2019, 32, 947-957.	1.2	142
46	Double jeopardy. European Heart Journal Cardiovascular Imaging, 2019, 20, 1104-1104.	0.5	0
47	What is the mass doing outside the right ventricle?. European Heart Journal Cardiovascular Imaging, 2019, 20, 1072-1072.	0.5	0
48	Takotsubo cardiomyopathy. Journal of Cardiovascular Medicine, 2019, 20, 410.	0.6	0
49	A new approach to assess myocardial work by non-invasive left ventricular pressure-strain relations in hypertension and dilated cardiomyopathy. European Heart Journal Cardiovascular Imaging, 2019, 20, 31-39.	0.5	229
50	Risk assessment for infected endocarditis in <i>Staphylococcus aureus</i> bacteremia patients: When is transesophageal echocardiography needed?. European Heart Journal: Acute Cardiovascular Care, 2019, 8, 476-484.	0.4	6
51	Not just another Wisconsin case of blastomycosis. European Heart Journal Cardiovascular Imaging, 2018, 19, 473-473.	0.5	5
52	Impairment of elastic properties of the aorta in bicuspid aortic valve: relationship between biomolecular and aortic strain patterns. European Heart Journal Cardiovascular Imaging, 2018, 19, 879-887.	0.5	29
53	Incremental Role of 3-Dimensional Echocardiography in Orthostatic Dyspnea. American Journal of Medicine, 2018, 131, e97-e98.	0.6	0
54	Takotsubo cardiomyopathy. Journal of Cardiovascular Medicine, 2018, 19, 624-632.	0.6	10

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55	Ten Years of 2D Longitudinal Strain for Early Myocardial Dysfunction Detection: A Clinical Overview. BioMed Research International, 2018, 2018, 1-14.	0.9	48
56	Arterial stiffness and mitral regurgitation in arterial hypertension: an intriguing pathophysiological link. Vascular Pharmacology, 2018, 111, 71-76.	1.0	4
57	Role of Echocardiography in Assessment of Cardioembolic Sources: a Strong Diagnostic Resource in Patients with Ischemic Stroke. Current Cardiology Reports, 2018, 20, 136.	1.3	2
58	Diagnostic accuracy of bicuspid aortic valve by echocardiography. Echocardiography, 2018, 35, 1932-1938.	0.3	7
59	Marked respiratory-related fluctuations in left ventricular outflow tract gradients in hypertrophic obstructive cardiomyopathy: an observational study. European Heart Journal Cardiovascular Imaging, 2018, 19, 1126-1133.	0.5	8
60	Role of Echocardiography in the Intensive Care Unit: Overview of the Most Common Clinical Scenarios. Journal of Patient-centered Research and Reviews, 2018, 5, 239-243.	0.6	3
61	Left atrial volume and strain parameters using echocardiography in a black population. European Heart Journal Cardiovascular Imaging, 2017, 18, jew062.	0.5	15
62	Cardiovascular maladaptation to exercise in young hypertensive patients. International Journal of Cardiology, 2017, 232, 280-288.	0.8	4
63	The Reply. American Journal of Medicine, 2017, 130, e317.	0.6	0
64	Left atrial function index: did we end up waiting for Godot?. European Heart Journal Cardiovascular Imaging, 2017, 18, 128-129.	0.5	4
65	Left atrium in heart failure with preserved ejection fraction: the importance of function before anatomy. European Heart Journal Cardiovascular Imaging, 2017, 18, 730-731.	0.5	7
66	Hypertrophic cardiomyopathy with aortic dilation: a novel observation. European Heart Journal Cardiovascular Imaging, 2017, 18, 1398-1403.	0.5	8
67	Malignant cardiac phenotypic expression of Danon disease (LAMP2 cardiomyopathy). International Journal of Cardiology, 2017, 245, 201-206.	0.8	22
68	Relationship of cardiac troponin to systolic global longitudinal strain in hypertrophic cardiomyopathy. Echocardiography, 2017, 34, 1470-1477.	0.3	11
69	Real-Time Four-Dimensional Echocardiography in the Diagnosis and Management of CorÂTriatriatum. Case, 2017, 1, 138-140.	0.1	0
70	Role of Two-Dimensional Speckle-Tracking Echocardiography Strain in the Assessment ofÂRight Ventricular Systolic Function and Comparison with Conventional Parameters. Journal of the American Society of Echocardiography, 2017, 30, 937-946.e6.	1.2	98
71	Preoperative Transthoracic Echocardiography Shows Resolution of Presumed Papillary Fibroelastoma: Patient Goes Home Instead of to Operating Room. Journal of Cardiothoracic and Vascular Anesthesia, 2017, 31, e14-e16.	0.6	0
72	Aortic fenestration mimicking aortic perforation. European Heart Journal Cardiovascular Imaging, 2017, 18, 127-127.	0.5	1

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73	Transthoracic echocardiography is adequate for intraprocedural guidance of transcatheter aortic valve implantation. Journal of Animal Science and Technology, 2017, 4, 63-72.	0.8	2
74	Bicuspid Aortic Valve: Unlocking the Morphogenetic Puzzle. American Journal of Medicine, 2016, 129, 796-805.	0.6	24
75	Role of Echocardiography in the Evaluation of Left Ventricular Assist Devices: the Importance of Emerging Technologies. Current Cardiology Reports, 2016, 18, 62.	1.3	7
76	Transthoracic echocardiographic imaging in diagnosis of post-operative left ventricular pseudoaneurysm. European Heart Journal Cardiovascular Imaging, 2016, 17, 1319-1319.	0.5	0
77	Quantitative Comparison Between Amyloid Deposition Detected by ^{99m}Tc -Diphosphonate Imaging and Myocardial Deformation Evaluated by Strain Echocardiography in Transthyretin-Related Cardiac Amyloidosis. Circulation Journal, 2016, 80, 1998-2003.	0.7	18
78	Native Mitral Stenosis Treated With Transcatheter Mitral Valve Replacement. Annals of Thoracic Surgery, 2016, 101, e75-e77.	0.7	6
79	PFO: Button me up, but wait â€¦ Comprehensive evaluation of the patient. Journal of Cardiology, 2016, 67, 485-492.	0.8	14
80	Usefulness of atrial function for risk stratification in asymptomatic severe aortic stenosis. Journal of Cardiology, 2016, 67, 71-79.	0.8	29
81	Effects of age on left atrial volume and strain parameters using echocardiography in a normal black population. Journal of Animal Science and Technology, 2016, 3, 115-123.	0.8	15
82	New diagnostic perspectives on heart failure with preserved ejection fraction. Journal of Cardiovascular Medicine, 2015, 16, 527-537.	0.6	13
83	Multimodality Imaging in Cardiooncology. Journal of Oncology, 2015, 2015, 1-9.	0.6	23
84	Prosthetic aortic valve stenosis secondary to non-optimal surgical suture. European Heart Journal Cardiovascular Imaging, 2015, 16, 61-61.	0.5	0
85	Iatrogenic ventricular septal defect after dual-chamber pacemaker implantation. European Heart Journal Cardiovascular Imaging, 2015, 16, 46-46.	0.5	0
86	Right ventricular embolization of laser catheter fragment. European Heart Journal Cardiovascular Imaging, 2015, 16, 1048-1048.	0.5	1
87	Congenital Gerbode Defect in a Patient With an Acute Myocardial Infarction and Cardiogenic Shock Masquerading as an Acute Ventricular Septal Defect. Journal of Cardiothoracic and Vascular Anesthesia, 2015, 29, 1311-1313.	0.6	1
88	Longitudinal Strain by Automated Function Imaging Detects Single-Vessel Coronary Artery Disease in Patients Undergoing Dipyridamole Stress Echocardiography. Journal of the American Society of Echocardiography, 2015, 28, 1214-1221.	1.2	23
89	Prosthetic aortic valve endocarditis with pseudoaneurysm complicated by additional rupture of mitral-aortic intervalvular fibrosa. European Heart Journal, 2015, 36, 2741-2741.	1.0	0
90	Usefulness of Left Atrial Reservoir Size and Left Ventricular Untwisting Rate for Predicting Outcome in Primary Mitral Regurgitation. American Journal of Cardiology, 2015, 116, 1237-1244.	0.7	9

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91	Prosthetic valve endocarditis: multiple complications in one patient:. European Heart Journal Cardiovascular Imaging, 2015, 16, 881-881.	0.5	0
92	Usefulness of Combining Electrocardiographic and Echocardiographic Findings and Brain Natriuretic Peptide in Early Detection of Cardiac Amyloidosis in Subjects With Transthyretin Gene Mutation. American Journal of Cardiology, 2015, 116, 1122-1127.	0.7	26
93	Clinical Application of WHF-MOGES) Classification for Hypertrophic Cardiomyopathy. Global Heart, 2015, 10, 209.	0.9	7
94	Nontyphoidal Cardiac Salmonellosis: Two Case Reports and a Review of the Literature. Texas Heart Institute Journal, 2014, 41, 401-406.	0.1	30
95	Amplatzer® septal occluder device early embolization to left ventricular outflow tract in asymptomatic patient. European Heart Journal Cardiovascular Imaging, 2014, 15, 925-925.	0.5	2
96	Accessory mitral valve tissue: an updated review of the literature. European Heart Journal Cardiovascular Imaging, 2014, 15, 489-497.	0.5	39
97	Interplay between arterial stiffness and diastolic function. Journal of Cardiovascular Medicine, 2014, 15, 788-796.	0.6	24
98	How arterial stiffness may affect coronary blood flow. Journal of Cardiovascular Medicine, 2014, 15, 797-802.	0.6	15
99	Use of Three-Dimensional Speckle-Tracking Echocardiography for Quantitative Assessment of Global Left Ventricular Function: A Comparative Study to Three-Dimensional Echocardiography. Journal of the American Society of Echocardiography, 2014, 27, 285-291.	1.2	91
100	Left ventricular twist in left ventricular noncompaction. European Heart Journal Cardiovascular Imaging, 2014, 15, 48-55.	0.5	50
101	The Practical Role of Echocardiography in Selection, Implantation, and Management of Patients Requiring LVAD Therapy. Current Cardiology Reports, 2014, 16, 468.	1.3	11
102	Role of imaging in assessment of atrial fibrosis in patients with atrial fibrillation: state-of-the-art review. European Heart Journal Cardiovascular Imaging, 2014, 15, 1-5.	0.5	67
103	Clinical Outcomes in Patients With Isolated Left Ventricular Noncompaction and Heart Failure. Journal of Cardiac Failure, 2014, 20, 709-715.	0.7	15
104	Relationship between Left Ventricular Twist and Circulating Biomarkers of Collagen Turnover in Hypertensive Patients with Heart Failure. Journal of the American Society of Echocardiography, 2014, 27, 1064-1071.	1.2	13
105	The mosaic of the cardiac amyloidosis diagnosis: role of imaging in subtypes and stages of the disease. European Heart Journal Cardiovascular Imaging, 2014, 15, 1307-1315.	0.5	64
106	Reproducibility of Regional and Global Longitudinal Strains Derived from Two-Dimensional Speckle-Tracking and Doppler Tissue Imaging between Expert and Novice Readers during Quantitative Dobutamine Stress Echocardiography. Journal of the American Society of Echocardiography, 2014, 27, 880-887.	1.2	49
107	Left Atrium: Still a neglected chamber?. Journal of Cardiovascular Echography, 2014, 24, 72.	0.1	3
108	How to understand patent foramen ovale clinical significance: Part I. Journal of Cardiovascular Echography, 2014, 24, 114.	0.1	16

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109	Contemporary clinical spectrum of constrictive pericarditis: A 10-year experience. International Journal of Cardiology, 2013, 163, 339-341.	0.8	11
110	Left ventricular myocardial performance in patients with dengue hemorrhagic fever and thrombocytopenia as assessed by two-dimensional speckle tracking echocardiography. Indian Heart Journal, 2013, 65, 276-282.	0.2	14
111	Myocardial Deformation and Rotational Profiles in Mitral Valve Prolapse. American Journal of Cardiology, 2013, 112, 984-990.	0.7	28
112	Left Ventricular Noncompaction in Patients with Bicuspid Aortic Valve. Journal of the American Society of Echocardiography, 2013, 26, 1306-1313.	1.2	28
113	Early Identification of Cardiovascular Involvement in Patients With β^2 -Thalassemia Major. American Journal of Cardiology, 2013, 112, 1246-1251.	0.7	40
114	Time to twist: marker of systolic dysfunction in Africans with hypertension. European Heart Journal Cardiovascular Imaging, 2013, 14, 358-365.	0.5	25
115	Left ventricular twist in a normal African adult population. European Heart Journal Cardiovascular Imaging, 2013, 14, 526-533.	0.5	13
116	Rheumatic disease mimicking an infiltrative mass of the mitral valve. European Heart Journal Cardiovascular Imaging, 2013, 14, 804-804.	0.5	0
117	Radial strain: Harbinger of good news. Journal of Cardiovascular Echography, 2013, 23, 39.	0.1	0
118	Isolated Left Ventricular Noncompaction in Sub-Saharan Africa: A Clinical and Echocardiographic Perspective. Circulation: Cardiovascular Imaging, 2012, 5, 187-193.	1.3	43
119	The ABCs of left ventricular assist device echocardiography: a systematic approach. European Heart Journal Cardiovascular Imaging, 2012, 13, 885-899.	0.5	65
120	A tale of two valves. European Heart Journal Cardiovascular Imaging, 2012, 13, E1-E1.	0.5	0
121	Left Ventricular Noncompaction: A 25-Year Odyssey. Journal of the American Society of Echocardiography, 2012, 25, 363-375.	1.2	97
122	New echocardiographic techniques for evaluation of left atrial mechanics. European Heart Journal Cardiovascular Imaging, 2012, 13, 973-984.	0.5	143
123	Isolated Left Ventricular Noncompaction: What Do We Really Know?. Current Cardiology Reports, 2012, 14, 381-388.	1.3	9
124	Isolated left ventricular noncompaction: state of the art 2011. Journal of Cardiovascular Echography, 2011, 21, 101-108.	0.1	1
125	Assessment of Myocardial Mechanics Using Speckle Tracking Echocardiography: Fundamentals and Clinical Applications. Journal of the American Society of Echocardiography, 2010, 23, 351-369.	1.2	906
126	Role of Echocardiography in the Diagnosis of Constrictive Pericarditis. Journal of the American Society of Echocardiography, 2009, 22, 24-33.	1.2	74

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127	Twist Mechanics of the Left Ventricle. JACC: Cardiovascular Imaging, 2008, 1, 366-376.	2.3	473
128	Constrictive Pericarditis. Circulation Journal, 2008, 72, 1555-1562.	0.7	62
129	Patent Foramen Ovale: Innocent or Guilty?. Journal of the American College of Cardiology, 2006, 47, 440-445.	1.2	401
130	Noninvasive Imaging. Journal of the American College of Cardiology, 2005, 45, B17-B19.	1.2	2
131	Comparison of echocardiographic features of noncompaction of the left ventricle in adults versus idiopathic dilated cardiomyopathy in adults. American Journal of Cardiology, 2004, 94, 389-391.	0.7	71
132	Atherosclerosis as a Risk Factor for Venous Thromboembolism (VTE): A Population-Based Cohort Study.. Blood, 2004, 104, 2584-2584.	0.6	2
133	Predictors of Cerebrovascular Events and Death Among Patients With Valvular Heart Disease. Stroke, 2000, 31, 2628-2635.	1.0	64
134	Effects of Sildenafil Citrate (Viagra) Combined With Nitrate on the Heart. Circulation, 2000, 102, 2516-2521.	1.6	91
135	Frequency of Atrial Septal Aneurysms in Patients With Cerebral Ischemic Events. Circulation, 1999, 99, 1942-1944.	1.6	254
136	Noncompaction of the Ventricular Myocardium. Journal of the American Society of Echocardiography, 1999, 12, 859-863.	1.2	175
137	Anatomy of the Normal Left Atrial Appendage. Circulation, 1997, 96, 3112-3115.	1.6	349
138	Transesophageal Color Flow Imaging. Echocardiography, 1988, 5, 407-416.	0.3	8