

Robert W W Biederman

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

446
citations

759233

12
h-index

752698

20
g-index

51
all docs

51
docs citations

51
times ranked

811
citing authors

#	ARTICLE	IF	CITATIONS
1	Taking the time to get it bright: Use of ultrasound enhancing agent redirects clinical course of an unstable patient. <i>Journal of Cardiology Cases</i> , 2021, 23, 38-40.	0.5	0
2	A review of the pivotal role of cardiac MRI in mitral valve regurgitation. <i>Echocardiography</i> , 2021, 38, 128-141.	0.9	5
3	Impact of transcatheter aortic valve replacement on left ventricular hypertrophy, diastolic dysfunction and quality of life in patients with preserved left ventricular function. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 485-492.	1.5	11
4	The Novelty of Icosapent Ethyl in the Management of Hypertriglyceridemia and Alleviating Cardiovascular Risk. <i>Journal of Lipids</i> , 2021, 2021, 1-5.	4.8	1
5	Contemporary use of cardiac imaging for COVID-19 patients: a three center experience defining a potential role for cardiac MRI. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 1721-1733.	1.5	8
6	Where do we go from here? Beyond the MagnaSafe trial: A focus beyond a "safety-first"™ notion. An MRI study in 500 consecutive patients. <i>International Journal of Cardiology</i> , 2021, 336, 113-120.	1.7	1
7	Does chance really favor (only) the prepared mind? The role of MRI tissue-tagging in solving a most vexing problem for the interventionalist. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 3069-3072.	1.5	0
8	Propitious temporal changes in clinical outcomes after transcatheter compared to surgical aortic valve replacement; a meta-analysis of over 65,000 patients. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 312.	1.1	1
9	Concurrent arterial and venous thrombosis in a patient with catastrophic antiphospholipid syndrome. <i>Caspian Journal of Internal Medicine</i> , 2021, 12, S487-S490.	0.2	1
10	Right Heart Function in Critically Ill Patients at Risk for Acute Right Heart Failure: A Description of Right Ventricular-Pulmonary Arterial Coupling, Ejection Fraction and Pulmonary Artery Pulsatility Index. <i>Heart Lung and Circulation</i> , 2020, 29, 867-873.	0.4	7
11	The use of contrast-enhanced transthoracic echocardiography for spiral-variant hypertrophic cardiomyopathy. <i>Echocardiography</i> , 2020, 37, 1873-1876.	0.9	1
12	Calcified mass in the right atrium extending into the inferior vena cava with pulmonary artery embolization. Typical or atypical myxoma?. <i>Echocardiography</i> , 2020, 37, 1130-1133.	0.9	1
13	Cardiac Sarcoidosis Causing Ventricular Tachycardia After Myocardial Infarction. <i>JACC: Case Reports</i> , 2020, 2, 1056-1061.	0.6	0
14	A prominent brachiocephalic vein masquerading as an aortic dissection flap on transthoracic echocardiogram: A case for multimodality imaging. <i>Echocardiography</i> , 2020, 37, 351-355.	0.9	1
15	Impact of the 2016 ASE/EACVI Guidelines on diastolic function reporting in routine clinical practice. <i>Echocardiography</i> , 2020, 37, 546-553.	0.9	2
16	Quantification of Cardiac Output with Phase Contrast Magnetic Resonance Imaging in Patients with Pulmonary Hypertension. <i>Journal of Clinical Imaging Science</i> , 2020, 10, 26.	1.1	8
17	Abstract 16181: Impact of Magnetic Resonance Imaging on Functional Integrity of Non-conditional Cardiovascular Implantable Electronic Devices. <i>Circulation</i> , 2020, 142, .	1.6	0
18	A Model Incorporating Left Ventricular Impedance Index may be Explanatory for Late Pulmonary Vein Isolation Failure.., 2020, 6, .		0

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19	Monitoring Pulmonary Arterial Hypertension Using an Implantable Hemodynamic Sensor. <i>Chest</i> , 2019, 156, 1176-1186.	0.8	32
20	Can 3D RVEF be Prognostic for the Non-Ischemic Cardiomyopathy Patient but not the Ischemic Cardiomyopathy Patient? A Cardiovascular MRI Study. <i>Diagnostics</i> , 2019, 9, 16.	2.6	2
21	Provocative maneuvers to improve patent foramen ovale detection: A brief review of the literature. <i>Echocardiography</i> , 2019, 36, 783-786.	0.9	11
22	Integrated use of cardiac MRI and the CardioMEMS [®] , [®] HF system in PAH: the utility of coincident pressure and volume in RV failure—the NHLBI-VITA trial. <i>Cardiovascular Diagnosis and Therapy</i> , 2019, 9, 492-501.	1.7	5
23	Cardiohepatic risk assessment by ¹ H CMR imaging in liver transplant candidates. <i>Clinical Transplantation</i> , 2018, 32, e13229.	1.6	9
24	Echocardiography and cardiovascular MRI entwined within the imaging domain; uniting the two. A compendium for the echocardiographer. <i>Echocardiography</i> , 2018, 35, 551-558.	0.9	1
25	Can cardiovascular MRI be used to more definitively characterize cardiac masses initially identified using echocardiography?. <i>Echocardiography</i> , 2018, 35, 735-742.	0.9	10
26	Dynamic cardiac anatomy: the "cypress tree" papillary muscle root. <i>Journal of Cardiovascular and Thoracic Research</i> , 2018, 10, 138-143.	0.9	5
27	Clinical Utility of Cardiac Magnetic Resonance Imaging in Pericardial Diseases. <i>Current Cardiology Reviews</i> , 2018, 14, 200-212.	1.5	17
28	Improved approach to quantitative cardiac volumetrics using automatic thresholding and manual trimming: a cardiovascular MRI study. <i>Journal of Medical Imaging</i> , 2018, 5, 1.	1.5	0
29	Incremental value of contrast echocardiography in the evaluation of a cardiac thrombus. <i>Echocardiography</i> , 2017, 34, 296-298.	0.9	0
30	Diagnostic Value of MRI in Patients With Implanted Pacemakers and Implantable Cardioverter-Defibrillators Across a Cross Population. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 991-1002.	3.2	13
31	Aortic flow conditions predict ejection efficiency in the NHLBI-Sponsored Women's Ischemia Syndrome Evaluation (WISE). <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 7, 288-295.	1.7	3
32	A Benign Cardiac Growth but Not So Indolent. <i>Case Reports in Cardiology</i> , 2016, 2016, 1-4.	0.2	0
33	Cardiac magnetic resonance radiofrequency tissue tagging for diagnosis of constrictive pericarditis: A proof of concept study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 1348-1355.	0.8	16
34	Use of bio-informatics assessment schema (BIAS) to improve diagnosis and prognosis of myocardial perfusion data: results from the NHLBI-sponsored women's ischemia syndrome evaluation (WISE). <i>Cardiovascular Diagnosis and Therapy</i> , 2016, 6, 424-431.	1.7	2
35	Mid wall fibrosis on CMR with late gadolinium enhancement may predict prognosis for LVAD and transplantation risk in patients with newly diagnosed dilated cardiomyopathy—preliminary observations from a high-volume transplant centre. <i>ESC Heart Failure</i> , 2015, 2, 150-159.	3.1	24
36	Gargantuan Left Atrium: A Sequela of Mitral Regurgitation and Mitral Stenosis. <i>Echocardiography</i> , 2015, 32, 1033-1035.	0.9	0

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37	Cardiac MRI. Medical Clinics of North America, 2015, 99, 849-861.	2.5	22
38	Regional Heterogeneity in 3D Myocardial Shortening in Hypertensive Left Ventricular Hypertrophy: A Cardiovascular CMR Tagging Substudy to the Life Study. Journal of Biomedical Science and Engineering, 2015, 08, 213-225.	0.4	4
39	Investigating Cardiac MRI Based Right Ventricular Contractility as a Novel Non-Invasive Metric of Pulmonary Arterial Pressure. Clinical Medicine Insights: Cardiology, 2014, 8s1, CMC.S15711.	1.8	4
40	Spiral Hypertrophic Cardiomyopathy as Detected by Cardiac Magnetic Resonance. Echocardiography, 2014, 31, E88-91.	0.9	2
41	Does the presence of Q waves on the EKG accurately predict prior myocardial infarction when compared to cardiac magnetic resonance using late gadolinium enhancement? A cross-population study of noninfarct vs infarct patients. Heart Rhythm, 2014, 11, 2018-2026.	0.7	26
42	Mitral regurgitation recovery and atrial reverse remodeling following pulmonary vein isolation procedure in patients with atrial fibrillation: a clinical observation proof-of-concept cardiac MRI study. Journal of Interventional Cardiac Electrophysiology, 2013, 37, 307-315.	1.3	17
43	Evaluation of cardiac valvular regurgitant lesions by cardiac MRI sequences: comparison of a four-valve semi-quantitative versus quantitative approach. Journal of Heart Valve Disease, 2013, 22, 491-9.	0.5	12
44	Is there an alternative explanation to post-myocardial infarction emergence of mitral regurgitation? A CMR-LGE observational study. Journal of Heart Valve Disease, 2013, 22, 669-74.	0.5	2
45	Cardiac Sarcoidosis or Giant Cell Myocarditis? On Treatment Improvement of Fulminant Myocarditis as Demonstrated by Cardiovascular Magnetic Resonance Imaging. Case Reports in Cardiology, 2012, 2012, 1-5.	0.2	8
46	Diagnosis of Celiac Artery In-Stent Thrombosis by Transesophageal Echocardiography. Echocardiography, 2012, 29, E261-E263.	0.9	1
47	Pericardial Effusion Masquerading as an Aortic Dissection. Echocardiography, 2011, 28, E16-E18.	0.9	1
48	LV reverse remodeling imparted by aortic valve replacement for severe aortic stenosis; is it durable? A cardiovascular MRI study sponsored by the American Heart Association. Journal of Cardiothoracic Surgery, 2011, 6, 53.	1.1	33
49	Marked Regional Left Ventricular Heterogeneity in Hypertensive Left Ventricular Hypertrophy Patients. Hypertension, 2008, 52, 279-286.	2.7	34
50	Physiologic Compensation Is Supranormal in Compensated Aortic Stenosis: Does it Return to Normal After Aortic Valve Replacement or Is it Blunted by Coexistent Coronary Artery Disease?. Circulation, 2005, 112, 1429-36.	1.6	45
51	Imaging of ventricular function by cardiovascular magnetic resonance. Current Cardiology Reports, 2004, 6, 55-61.	2.9	37