

Dipan J Shah

List of Publications by Year in descending order

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84
papers

4,794
citations

279798

23
h-index

98798

67
g-index

84
all docs

84
docs citations

84
times ranked

5743
citing authors

#	ARTICLE	IF	CITATIONS
1	Recommendations for Noninvasive Evaluation of Native Valvular Regurgitation. Journal of the American Society of Echocardiography, 2017, 30, 303-371.	2.8	2,269
2	Gadolinium Cardiovascular Magnetic Resonance Predicts Reversible Myocardial Dysfunction and Remodeling in Patients With Heart Failure Undergoing β -Blocker Therapy. Circulation, 2003, 108, 1945-1953.	1.6	307
3	Detection of Left Ventricular Thrombus by Delayed-Enhancement Cardiovascular Magnetic Resonance. Journal of the American College of Cardiology, 2008, 52, 148-157.	2.8	271
4	Feature-Tracking Global Longitudinal Strain Predicts Death in a Multicenter Population of Patients With Ischemic and Nonischemic Dilated Cardiomyopathy Incremental to Ejection Fraction and Late Gadolinium Enhancement. JACC: Cardiovascular Imaging, 2018, 11, 1419-1429.	5.3	192
5	Myocardial Fibrosis in Patients With Primary Mitral Regurgitation With and Without Prolapse. Journal of the American College of Cardiology, 2018, 72, 823-834.	2.8	169
6	Temporal Relation Between Myocardial Fibrosis and Heart Failure With Preserved Ejection Fraction. JAMA Cardiology, 2017, 2, 995.	6.1	164
7	Prevalence of Regional Myocardial Thinning and Relationship With Myocardial Scarring in Patients With Coronary Artery Disease. JAMA - Journal of the American Medical Association, 2013, 309, 909.	7.4	104
8	Prognostic Value of Vasodilator Stress Cardiac Magnetic Resonance Imaging. JAMA Cardiology, 2019, 4, 256.	6.1	88
9	CMR in the Evaluation of Diastolic Dysfunction and Phenotyping of HFpEF. JACC: Cardiovascular Imaging, 2020, 13, 283-296.	5.3	80
10	Multimodality Imaging of the Tricuspid Valve and Right Heart Anatomy. JACC: Cardiovascular Imaging, 2019, 12, 516-531.	5.3	77
11	Relationship of LVEF and Myocardial Scar to Long-Term Mortality Risk and Mode of Death in Patients With Nonischemic Cardiomyopathy. Circulation, 2021, 143, 1343-1358.	1.6	64
12	Association of left atrial volume index and all-cause mortality in patients referred for routine cardiovascular magnetic resonance: a multicenter study. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 4.	3.3	59
13	Myocardial Extracellular Volume Fraction Adds Prognostic Information Beyond Myocardial Replacement Fibrosis. Circulation: Cardiovascular Imaging, 2019, 12, e009535.	2.6	56
14	Natural History of Functional Tricuspid Regurgitation Quantified by Cardiovascular Magnetic Resonance. Journal of the American College of Cardiology, 2020, 76, 1291-1301.	2.8	56
15	Detection of LA and LAA Thrombus by CMR in Patients Referred for Pulmonary Vein Isolation. JACC: Cardiovascular Imaging, 2016, 9, 809-818.	5.3	54
16	Comparative Assessment of Mitral Regurgitation Severity by Transthoracic Echocardiography and Cardiac Magnetic Resonance Using an Integrative and Quantitative Approach. American Journal of Cardiology, 2016, 117, 264-270.	1.6	51
17	Differentiating benign from malignant cardiac tumors with cardiac magnetic resonance imaging. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 1912-1922.e2.	0.8	49
18	The Role of Cardiac Magnetic Resonance in Valvular Heart Disease. Methodist DeBakey Cardiovascular Journal, 2021, 9, 142.	1.0	37

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19	Validation of subsegmental visual scoring for the quantification of ischemic and nonischemic myocardial fibrosis using late gadolinium enhancement MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 1369-1376.	3.4	32
20	Comparison of Echocardiographic Assessment of Tricuspid Regurgitation Against Cardiovascular Magnetic Resonance. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1461-1471.	5.3	31
21	Visual and force-feedback guidance for robot-assisted interventions in the beating heart with real-time MRI. , 2012, , .		30
22	Extracellular Volume in Primary Mitral Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1146-1160.	5.3	30
23	Magnetic resonance imaging-based computational modelling of blood flow and nanomedicine deposition in patients with peripheral arterial disease. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20150001.	3.4	27
24	Cardiovascular magnetic resonance imaging in suspected cardiac tumour: a multicentre outcomes study. <i>European Heart Journal</i> , 2021, 43, 71-80.	2.2	27
25	Technology Insight: MRI of the myocardium. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2005, 2, 597-605.	3.3	25
26	Resolving the Disproportionate Left Ventricular Enlargement in Mitral Valve Prolapse Due to Barlow Disease. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 573-584.	5.3	25
27	Cardiac Imaging in Patients With Heart Failure and Preserved Ejection Fraction. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	24
28	Regional Replacement and Diffuse Interstitial Fibrosis in Aortic Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 2170-2182.	5.3	24
29	Prognostic Value of Delayed Enhancement Cardiac Magnetic Resonance Imaging in Mitral Valve Repair. <i>Annals of Thoracic Surgery</i> , 2014, 98, 1557-1563.	1.3	23
30	Prognostic Implications of Diffuse Interstitial Fibrosis in Asymptomatic Primary Mitral Regurgitation. <i>Circulation</i> , 2019, 140, 2122-2124.	1.6	23
31	Left ventricular function in patients with hypertrophic cardiomyopathy and its relation to myocardial fibrosis and exercise tolerance. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 121-129.	1.5	21
32	One Hundred Percent Reparability of Degenerative Mitral Regurgitation: Intermediate-Term Results of a Dynamic Engineered Approach. <i>Annals of Thoracic Surgery</i> , 2016, 101, 576-584.	1.3	20
33	Examining the Relationship and Prognostic Implication of Diabetic Status and Extracellular Matrix Expansion by Cardiac Magnetic Resonance. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e011000.	2.6	19
34	Myocardial Scar and Mortality in Chronic Aortic Regurgitation. <i>Journal of the American Heart Association</i> , 2020, 9, e018731.	3.7	18
35	A Framework for Integrating Real-Time MRI With Robot Control: Application to Simulated Transapical Cardiac Interventions. <i>IEEE Transactions on Biomedical Engineering</i> , 2013, 60, 1023-1033.	4.2	17
36	Calf muscle perfusion as measured with magnetic resonance imaging to assess peripheral arterial disease. <i>Medical and Biological Engineering and Computing</i> , 2016, 54, 1667-1681.	2.8	14

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37	Vortex Formation Time Index in Patients With Hypertrophic Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 1229-1231.	5.3	13
38	Feasibility of three-dimensional magnetic resonance angiography-fluoroscopy image fusion technique in guiding complex endovascular aortic procedures in patients with renal insufficiency. <i>Journal of Vascular Surgery</i> , 2017, 65, 1440-1452.	1.1	13
39	Normal Reference Values and Reproducibility of Tricuspid Annulus Dimensions Using Cardiovascular Magnetic Resonance. <i>American Journal of Cardiology</i> , 2019, 124, 594-598.	1.6	13
40	Hemodynamic determinants of left atrial strain in patients with hypertrophic cardiomyopathy: A combined echocardiography and CMR study. <i>PLoS ONE</i> , 2021, 16, e0245934.	2.5	12
41	Differences in Cardiac Remodeling in Left-Sided Valvular Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 1730-1741.	5.3	12
42	Imaging to Diagnose and Manage Patients in Heart Failure With Reduced Ejection Fraction. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	10
43	Relationship of extracellular volume assessed on cardiac magnetic resonance and serum cardiac troponins and natriuretic peptides with heart failure outcomes. <i>Scientific Reports</i> , 2019, 9, 20168.	3.3	10
44	One Hundred Percent Reparability of Mitral Prolapse: Results of a Dynamic Nonresectional Technique. <i>Annals of Thoracic Surgery</i> , 2021, 112, 1921-1928.	1.3	10
45	Impact of Myocardial Scar on Prognostic Implication of Secondary Mitral Regurgitation in Heart Failure. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 812-822.	5.3	10
46	Patient-specific flow descriptors and normalised wall index in peripheral artery disease: a preliminary study. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2018, 6, 119-127.	1.9	9
47	A modular and scalable computational framework for interactive immersion into imaging data with a holographic augmented reality interface. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 198, 105779.	4.7	9
48	Magnetic resonance imaging based modeling of microvascular perfusion in patients with peripheral artery disease. <i>Journal of Biomechanics</i> , 2019, 93, 147-158.	2.1	8
49	Usefulness of Mitral Regurgitant Volume Quantified Using Magnetic Resonance Imaging to Predict Left Ventricular Remodeling After Mitral Valve "Correction". <i>American Journal of Cardiology</i> , 2020, 125, 1666-1672.	1.6	8
50	Endovascular Porcine Model of Iliocaval Venous Thrombosis. <i>European Journal of Vascular and Endovascular Surgery</i> , 2022, 63, 623-630.	1.5	7
51	Acute and Subclinical Myocardial Injury in COVID-19. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 17, 22-30.	1.0	6
52	Hypertrophic Cardiomyopathy with Unusual Extensive Scarring Pattern: Danon Disease. <i>Methodist DeBakey Cardiovascular Journal</i> , 2016, 12, 227-229.	1.0	5
53	Magnetic resonance venography and three-dimensional image fusion guidance provide a novel paradigm for endovascular recanalization of chronic central venous occlusion. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2017, 5, 60-69.	1.6	5
54	Cardiac Imaging for Risk Assessment of Malignant Ventricular Arrhythmias in Patients With Mitral Valve Prolapse. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 574446.	2.4	5

#	ARTICLE	IF	CITATIONS
55	Left ventricular mass on positron emission tomography: Validation against cardiovascular magnetic resonance. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 1632-1642.	2.1	5
56	Functionalization of endovascular devices with superparamagnetic iron oxide nanoparticles for interventional cardiovascular magnetic resonance imaging. <i>Biomedical Microdevices</i> , 2019, 21, 38.	2.8	4
57	Examining the impact of inducible ischemia on myocardial fibrosis and exercise capacity in hypertrophic cardiomyopathy. <i>Scientific Reports</i> , 2020, 10, 15977.	3.3	4
58	Relation of Magnetic Resonance Imaging Based Arterial Signal Enhancement to Markers of Peripheral Artery Disease. <i>American Journal of Cardiology</i> , 2021, 140, 140-147.	1.6	4
59	Extracting geometric features of aortic valve annulus motion from dynamic MRI for guiding interventions. , 2011, , .		3
60	Cardiac magnetic resonance for mitral regurgitation diagnosis. <i>Current Opinion in Cardiology</i> , 2012, 27, 485-491.	1.8	3
61	Important Advances in Technology and Unique Applications Related to Cardiac Magnetic Resonance Imaging. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 10, 159.	1.0	3
62	Magnetic Resonance Imaging of a Scimitar Vein and Aortic Dissection. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 10, 257.	1.0	3
63	Echocardiography First, But Here Comes CMR for Grading Left Ventricular Diastolic Function. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2543-2545.	5.3	3
64	Structure Predicts (Dys)Function. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1701-1703.	5.3	3
65	Cardiac Magnetic Resonance in Nonischemic Cardiomyopathies. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 16, 97.	1.0	3
66	Appropriateness of anteroseptal myocardial infarction nomenclature evaluated by late gadolinium enhancement cardiovascular magnetic resonance imaging. <i>Journal of Electrocardiology</i> , 2018, 51, 218-223.	0.9	2
67	4D Flow CMR. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1367-1368.	5.3	2
68	Cardiac Magnetic Resonance in Valvular Heart Disease: Assessment of Severity and Myocardial Remodeling. <i>Methodist DeBakey Cardiovascular Journal</i> , 2020, 16, 106-113.	1.0	2
69	Myocardial Contractile Mechanics in Ischemic Mitral Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2022, , .	5.3	2
70	Contained Rupture of Ventricular Wall and Ventricular Septal Defect in the Same Patient Following Myocardial Infarction. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 12, 122.	1.0	1
71	Unconventional Path to Healing. <i>JACC: Case Reports</i> , 2019, 1, 638-642.	0.6	1
72	Positrons, protons, and pulse waves: Multimodality characterization of newly diagnosed hypertrophic cardiomyopathy. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 2412-2416.	2.1	1

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73	Functional assessment of bioprosthetic mitral valves by cardiovascular magnetic resonance: An in vitro validation and comparison to Doppler echocardiography. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 55.	3.3	1
74	A positive PYP scan: Thinking beyond amyloid. Journal of Nuclear Cardiology, 2021, 28, 1796-1797.	2.1	1
75	Assessment of the tricuspid valve using cardiovascular magnetic resonance. Current Opinion in Cardiology, 2021, 36, 505-512.	1.8	1
76	Ruptured Sinus of Valsalva Aneurysm with an Odd Presentation. Methodist DeBakey Cardiovascular Journal, 2014, 10, 129-129.	1.0	0
77	The Authors Reply:. JACC: Cardiovascular Imaging, 2016, 9, 1476.	5.3	0
78	Incessant PVCs and Cardiomyopathy: Think Outside the Box. Methodist DeBakey Cardiovascular Journal, 2021, 16, 1.	1.0	0
79	The Authorsâ€™ Reply. JACC: Cardiovascular Imaging, 2021, 14, 2271.	5.3	0
80	Cardiovascular Imaging: A Window into Diagnostic and Therapeutic Management. Methodist DeBakey Cardiovascular Journal, 2021, 16, 75.	1.0	0
81	Introduction: Cardiovascular magnetic resonance. Methodist DeBakey Cardiovascular Journal, 2013, 9, 122.	1.0	0
82	Abstract 11227: Ischemia Mediated Contractile Dysfunction Modulates Functional Mitral Regurgitation - Multiparametric Strain and Tissue Characterization Data from the Society of Cardiovascular Magnetic Resonance (scmr) Registry. Circulation, 2021, 144, .	1.6	0
83	Not All Flails Are Created Equal. Journal of the American College of Cardiology, 2021, 78, 2547-2549.	2.8	0
84	Inflammatory Cardiomyopathies. JACC: Case Reports, 2022, 4, 632-638.	0.6	0