

Saul G Myerson

List of Publications by Year in descending order

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126
papers

7,708
citations

81900

39
h-index

51608

86
g-index

130
all docs

130
docs citations

130
times ranked

8618
citing authors

#	ARTICLE	IF	CITATIONS
1	A Longitudinal Study of Mitral Regurgitation Detected after Acute Myocardial Infarction. Journal of Clinical Medicine, 2022, 11, 965.	2.4	0
2	Association of Myocardial Fibrosis and Stroke Volume by Cardiovascular Magnetic Resonance in Patients With Severe Aortic Stenosis With Outcome After Valve Replacement. JAMA Cardiology, 2022, 7, 513.	6.1	2
3	United Kingdom standards for non-invasive cardiac imaging: recommendations from the Imaging Council of the British Cardiovascular Society. Heart, 2022, 108, e7-e7.	2.9	3
4	B-Type Natriuretic Peptide at Admission Is a Predictor of All-Cause Mortality at One Year after the First Acute Episode of New-Onset Heart Failure with Preserved Ejection Fraction. Journal of Personalized Medicine, 2022, 12, 890.	2.5	0
5	Insights Into the Metabolic Aspects of Aortic Stenosis With the Use of Magnetic Resonance Imaging. JACC: Cardiovascular Imaging, 2022, 15, 2112-2126.	5.3	2
6	A Practical Risk Score for Prediction of Early Readmission after a First Episode of Acute Heart Failure with Preserved Ejection Fraction. Diagnostics, 2021, 11, 198.	2.6	13
7	Regional variation in cardiovascular magnetic resonance service delivery across the UK. Heart, 2021, 107, 1974-1979.	2.9	21
8	Community prevalence, mechanisms and outcome of mitral or tricuspid regurgitation. Heart, 2021, 107, 1003-1009.	2.9	45
9	Survival of people with valvular heart disease in a large, English community-based cohort study. Heart, 2021, 107, 1336-1343.	2.9	12
10	Standard and emerging CMR methods for mitral regurgitation quantification. International Journal of Cardiology, 2021, 331, 316-321.	1.7	24
11	20â€¦The course of mitral regurgitation detected after acute myocardial infarction. , 2021, , .		0
12	4â€¦Impact of left ventricular assist device therapy on severe secondary mitral regurgitation. , 2021, , .		0
13	Left Ventricular Diastolic Function Studied with Magnetic Resonance Imaging: A Systematic Review of Techniques and Relation to Established Measures of Diastolic Function. Diagnostics, 2021, 11, 1282.	2.6	11
14	Markers of Myocardial Damage Predict Mortality in Patients With Aortic Stenosis. Journal of the American College of Cardiology, 2021, 78, 545-558.	2.8	41
15	Mitral Regurgitation Following Acute Myocardial Infarction Treated by Percutaneous Coronary Interventionâ€”Prevalence, Risk factors, and Predictors of Outcome. American Journal of Cardiology, 2021, 157, 22-32.	1.6	5
16	CMR in Evaluating Valvular Heart Disease. JACC: Cardiovascular Imaging, 2021, 14, 2020-2032.	5.3	22
17	The characteristics of mitral regurgitation: Data from patients admitted following acute myocardial infarction. Data in Brief, 2021, 39, 107451.	1.0	1
18	Assessment of mitral valve regurgitation by cardiovascular magnetic resonance imaging. Nature Reviews Cardiology, 2020, 17, 298-312.	13.7	103

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19	SCMR Position Paper (2020) on clinical indications for cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 76.	3.3	169
20	Obesity-related ventricular remodelling is exacerbated in dilated and hypertrophic cardiomyopathy. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 559-567.	1.7	9
21	Tricuspid Regurgitation. <i>Journal of the American College of Cardiology</i> , 2020, 76, 1302-1304.	2.8	3
22	Imaging assessment of mitral and aortic regurgitation: current state of the art. <i>Heart</i> , 2020, 106, 1769-1776.	2.9	6
23	Multimodality Imaging in Secondary Mitral Regurgitation. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 546279.	2.4	2
24	Rare unicuspid pulmonary valve and pulmonary artery aneurysm in an elderly asymptomatic patient. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 708-708.	1.2	0
25	Extracellular Myocardial Volume in Patients With Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2020, 75, 304-316.	2.8	141
26	Magnetic resonance phase contrast velocity mapping for flow quantification in irregular heart rhythms using radial k-space ultrashort echo time imaging. <i>International Journal of Cardiology</i> , 2020, 317, 211-215.	1.7	1
27	Rare congenital quadricuspid pulmonary valve stenosis evaluated by CMR. <i>Oxford Medical Case Reports</i> , 2020, 2020, omaa112.	0.4	0
28	Meta-Analysis of Transthoracic Echocardiography Versus Cardiac Magnetic Resonance for the Assessment of Aortic Regurgitation After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2019, 124, 1246-1251.	1.6	10
29	Sex differences in left ventricular remodelling, myocardial fibrosis and mortality after aortic valve replacement. <i>Heart</i> , 2019, 105, 1818-1824.	2.9	30
30	Left Ventricular Flow Analysis. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008130.	2.6	41
31	A Hyperdynamic RV Is an Early Marker of Clinical Decompensation and Cardiac Recovery in Aortic Stenosis With Normal LV Ejection Fraction. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 214-216.	5.3	5
32	Optimizing the Assessment of Aortic Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1484-1486.	5.3	1
33	Report from the Annual Conference of the British Society of Echocardiography, November 2017, Edinburgh International Conference Centre, Edinburgh. <i>Echo Research and Practice</i> , 2019, 6, M1-M2.	2.5	0
34	Unusual coarctation repair with double lumen distal arch. <i>European Heart Journal</i> , 2018, 39, 1038-1038.	2.2	1
35	Test-retest variability of left ventricular 4D flow cardiovascular magnetic resonance measurements in healthy subjects. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 15.	3.3	35
36	Differential flow improvements after valve replacements in bicuspid aortic valve disease: a cardiovascular magnetic resonance assessment. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 10.	3.3	37

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37	Serum biomarkers in valvular heart disease. <i>Heart</i> , 2018, 104, 349-358.	2.9	14
38	Time to stop using â€œnon-valvular AFâ€™™ inappropriately: letter in response to review article. <i>Heart</i> , 2018, 104, 2077.1-2077.	2.9	1
39	Conclusions are inappropriate due to the big discrepancies between groups. <i>Heart</i> , 2018, 104, 1552.1-1552.	2.9	0
40	Cardiac auscultation poorly predicts the presence of valvular heart disease in asymptomatic primary care patients. <i>Heart</i> , 2018, 104, 1832-1835.	2.9	70
41	Myocardial Scar and Mortality in Severe Aortic Stenosis. <i>Circulation</i> , 2018, 138, 1935-1947.	1.6	181
42	Beyond Bernoulli. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	60
43	A cardiac contouring atlas for radiotherapy. <i>Radiotherapy and Oncology</i> , 2017, 122, 416-422.	0.6	197
44	Inherited Aortopathy Assessment in Relatives of Patients With a Bicuspid Aortic Valve. <i>Journal of the American College of Cardiology</i> , 2017, 69, 904-906.	2.8	8
45	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.	1.2	41
46	The many faces of cardiac lipomaâ€™”an egg in the heart!. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 821-821.	1.2	10
47	Inflammatory bowel disease and myocarditis: T1-mapping the heart of the problem. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 940-940.	1.2	3
48	Abnormal Haemodynamic Flow Patterns in Bicuspid Pulmonary Valve Disease. <i>Frontiers in Physiology</i> , 2017, 8, 374.	2.8	2
49	Large-scale community echocardiographic screening reveals a major burden of undiagnosed valvular heart disease in older people: the OxVALVE Population Cohort Study. <i>European Heart Journal</i> , 2016, 37, 3515-3522.	2.2	394
50	Multimodality imaging in heart valve disease. <i>Open Heart</i> , 2016, 3, e000330.	2.3	14
51	Improvements in ECG accuracy for diagnosis of left ventricular hypertrophy in obesity. <i>Heart</i> , 2016, 102, 1566-1572.	2.9	27
52	Determination of Clinical Outcome in Mitral Regurgitation With Cardiovascular Magnetic Resonance Quantification. <i>Circulation</i> , 2016, 133, 2287-2296.	1.6	137
53	Dilated Cardiomyopathy: Phosphorus 31 MR Spectroscopy at 7 T. <i>Radiology</i> , 2016, 281, 409-417.	7.3	31
54	Partial atrioventricular septal defect presenting in a septuagenarian. <i>European Heart Journal</i> , 2016, 37, 917-917.	2.2	0

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55	Measurement of myocardial native T1 in cardiovascular diseases and norm in 1291 subjects. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 74.	3.3	60
56	Aortic 4D flow: Quantification of signal-to-noise ratio as a function of field strength and contrast enhancement for 1.5T, 3T, and 7T. Magnetic Resonance in Medicine, 2015, 73, 1864-1871.	3.0	55
57	A prospective, double-blind, randomized controlled trial of the angiotensin-converting enzyme inhibitor Ramipril In Aortic Stenosis (RIAS trial). European Heart Journal Cardiovascular Imaging, 2015, 16, 834-841.	1.2	101
58	Innominate artery pleomorphic sarcoma imaged with cardiovascular magnetic resonance and Positron Emission Tomography-Computed Tomography. European Heart Journal, 2015, 36, 1951-1951.	2.2	0
59	4D flow cardiovascular magnetic resonance consensus statement. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 72.	3.3	642
60	Abstract 15822: Phosphorus Magnetic Resonance Spectroscopy is More Precise at 7 Tesla Field Strength Than 3 Tesla in Patients With Dilated Cardiomyopathy. Circulation, 2015, 132, .	1.6	0
61	Abstract 13435: Deranged Intra-Cardiac Blood Flow Components and Kinetic Energy in Dilated Cardiomyopathy Are an Additional Marker of Disease Severity and Correlate With Established Markers of Prognosis. Circulation, 2015, 132, .	1.6	0
62	Response to Letter Regarding Article, "Aortic Dilatation in Bicuspid Aortic Valve Disease: Flow Pattern Is a Major Contributor and Differs With Valve Fusion Type". Circulation: Cardiovascular Imaging, 2014, 7, 214-214.	2.6	3
63	Observational study of regional aortic size referenced to body size: production of a cardiovascular magnetic resonance nomogram. Journal of Cardiovascular Magnetic Resonance, 2014, 16, 9.	3.3	72
64	Noncontrast T1 Mapping for the Diagnosis of Cardiac Amyloidosis. JACC: Cardiovascular Imaging, 2013, 6, 488-497.	5.3	517
65	Evaluation of Circulation, \hat{I}^4 , as a quantifying metric in 4D flow MRI. Journal of Cardiovascular Magnetic Resonance, 2013, 15, E36.	3.3	16
66	Global and regional left ventricular myocardial deformation measures by magnetic resonance feature tracking in healthy volunteers: comparison with tagging and relevance of gender. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 8.	3.3	244
67	Prioritizing echocardiography in Staphylococcus aureus bacteraemia. Journal of Antimicrobial Chemotherapy, 2013, 68, 444-449.	3.0	56
68	Preoperative Assessment and Perioperative Management of Cardiovascular Risk. Angiology, 2013, 64, 146-150.	1.8	8
69	Aortic Dilatation in Bicuspid Aortic Valve Disease. Circulation: Cardiovascular Imaging, 2013, 6, 499-507.	2.6	329
70	Myocardial Steatosis and Left Ventricular Contractile Dysfunction in Patients With Severe Aortic Stenosis. Circulation: Cardiovascular Imaging, 2013, 6, 808-816.	2.6	58
71	Congenital aortopulmonary window; an unusual cause of breathlessness. Heart, 2013, 99, 1546-1546.	2.9	3
72	Human non-contrast T1 values and correlation with histology in diffuse fibrosis. Heart, 2013, 99, 932-937.	2.9	390

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73	The Prevalence of Low Left Atrial Appendage Emptying Velocity and Thrombus in Patients Undergoing Catheter Ablation for Atrial Fibrillation on Uninterrupted Peri-procedural Warfarin Therapy. <i>Journal of Atrial Fibrillation</i> , 2013, 5, 761.	0.5	6
74	Aortic Regurgitation Quantification Using Cardiovascular Magnetic Resonance. <i>Circulation</i> , 2012, 126, 1452-1460.	1.6	187
75	PET-diagnosed lead infection in ARVC. <i>European Heart Journal Cardiovascular Imaging</i> , 2012, 13, 538-538.	1.2	0
76	Heart valve disease: investigation by cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, 42.	3.3	139
77	Pre-contrast T1 mapping for detection of myocardial fibrosis in asymptomatic and symptomatic aortic stenosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, .	3.3	2
78	Prevalence of cardiomyopathy in asymptomatic patients with left bundle branch block referred for cardiovascular magnetic resonance imaging. <i>International Journal of Cardiovascular Imaging</i> , 2012, 28, 1133-1140.	1.5	20
79	Assessment of Valvular Heart Disease by Cardiovascular Magnetic Resonance Imaging: A Review. <i>Heart Lung and Circulation</i> , 2011, 20, 73-82.	0.4	16
80	Corrigendum to "Stress Perfusion Imaging Using Cardiovascular Magnetic Resonance: A Review" [Heart Lung Circ. 19 (2010) 697-705]. <i>Heart Lung and Circulation</i> , 2011, 20, e1.	0.4	0
81	Massive melanotic myocardial metastasis characterized by multiple cardiac imaging modalities. <i>International Journal of Cardiology</i> , 2011, 146, e27-e29.	1.7	4
82	Cardiac iron overload in transfusion-dependent patients with myelodysplastic syndromes. <i>British Journal of Haematology</i> , 2011, 154, 521-524.	2.5	51
83	The Role of Cardiovascular Magnetic Resonance in the Evaluation of Valve Disease. <i>Progress in Cardiovascular Diseases</i> , 2011, 54, 276-286.	3.1	16
84	Cardiovascular magnetic resonance (CMR) – An update and review. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2011, 59, 213-222.	7.5	1
85	A comparison of visual and quantitative assessment of left ventricular ejection fraction by cardiac magnetic resonance. <i>International Journal of Cardiovascular Imaging</i> , 2011, 27, 563-569.	1.5	7
86	Myocardial Infarction With Intracardiac Thrombosis as the Presentation of Acute Promyelocytic Leukemia. <i>Circulation</i> , 2011, 123, e370-2.	1.6	20
87	Growth of Left Ventricular Mass with Military Basic Training in Army Recruits. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 1295-1300.	0.4	7
88	Investigations in valvular heart disease. <i>Clinical Medicine</i> , 2010, 10, 172-176.	1.9	3
89	Direct and indirect quantification of mitral regurgitation with cardiovascular magnetic resonance, and the effect of heart rate variability. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010, 23, 243-249.	2.0	38
90	Feasibility and safety of high-dose adenosine perfusion cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2010, 12, 66.	3.3	77

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91	Successful Slow Pathway Modification Using the Femoral Approach in a Patient With Interrupted Inferior Vena Cava With Azygos Vein Continuation. <i>Journal of Cardiovascular Electrophysiology</i> , 2010, 21, 1300-1301.	1.7	0
92	Congenitally Corrected Transposition of the Great Arteries Presenting in a Nonagenarian. <i>Circulation</i> , 2010, 122, e441-4.	1.6	11
93	Hypertrophic Cardiomyopathy Complicated by Large Apical Aneurysm and Thrombus, Presenting as Ventricular Tachycardia. <i>Journal of the American College of Cardiology</i> , 2010, 56, 1961.	2.8	25
94	Real-Time 3D Fusion Echocardiography. <i>JACC: Cardiovascular Imaging</i> , 2010, 3, 682-690.	5.3	31
95	Stress Perfusion Imaging Using Cardiovascular Magnetic Resonance: A Review. <i>Heart Lung and Circulation</i> , 2010, 19, 697-705.	0.4	11
96	Absent Right Superior Vena Cava. <i>Circulation: Cardiovascular Imaging</i> , 2009, 2, e34-6.	2.6	4
97	Long-term cardiac remodeling after salvage partial left ventriculectomy in an infant with anomalous left coronary artery from the pulmonary artery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 137, 757-759.	0.8	4
98	Phase contrast ultrashort TE: A more reliable technique for measurement of high-velocity turbulent stenotic jets. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 626-636.	3.0	59
99	Magnetic-resonance-imaging-derived indices for the normalization of left ventricular morphology by body size. <i>Magnetic Resonance Imaging</i> , 2009, 27, 207-213.	1.8	25
100	The Role of Cardiovascular Magnetic Resonance Imaging in Heart Failure. <i>Journal of the American College of Cardiology</i> , 2009, 54, 1407-1424.	2.8	361
101	Valvular and Hemodynamic Assessment with CMR. <i>Heart Failure Clinics</i> , 2009, 5, 389-400.	2.1	13
102	Cardiac development after salvage partial left ventriculectomy in an infant with anomalous left coronary artery from the pulmonary artery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 136, 784-785.	0.8	4
103	Atrial septal endocarditis. <i>European Journal of Echocardiography</i> , 2007, 8, 48-49.	2.3	6
104	Can cardiac magnetic resonance imaging reclassify uremic cardiomyopathy in patients with end-stage renal failure?. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2007, 4, 22-23.	3.3	0
105	Partial Congenital Absence of the Pericardium. <i>Circulation</i> , 2007, 116, e126-9.	1.6	22
106	Evaluation and Management of the Cardiac Amyloidosis. <i>Journal of the American College of Cardiology</i> , 2007, 50, 2101-2110.	2.8	306
107	Variation in the lipoprotein lipase gene influences exercise-induced left ventricular growth. <i>Journal of Molecular Medicine</i> , 2006, 84, 126-131.	3.9	7
108	Atrial pathology in cardiac amyloidosis: evidence from ECG and cardiovascular magnetic resonance. <i>European Heart Journal</i> , 2006, 27, 1670-1670.	2.2	7

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109	Differentiation of Athlete's Heart from Pathological Forms of Cardiac Hypertrophy by Means of Geometric Indices Derived from Cardiovascular Magnetic Resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2005, 7, 551-558.	3.3	115
110	What is the role of balloon dilatation for severe aortic stenosis during pregnancy?. <i>Journal of Heart Valve Disease</i> , 2005, 14, 147-50.	0.5	35
111	Tamponade Caused by Cardiac Lipomatous Hypertrophy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2004, 6, 565-568.	3.3	8
112	Bradykinin receptor gene variant and human physical performance. <i>Journal of Applied Physiology</i> , 2004, 96, 938-942.	2.5	89
113	Quantification of regurgitant fraction in mitral regurgitation by cardiovascular magnetic resonance: comparison of techniques. <i>Journal of Heart Valve Disease</i> , 2004, 13, 600-7.	0.5	75
114	Cortical bone resorption during exercise is interleukin-6 genotype-dependent. <i>European Journal of Applied Physiology</i> , 2003, 89, 21-25.	2.5	30
115	Assessment of Left Ventricular Mass by Cardiovascular Magnetic Resonance. <i>Hypertension</i> , 2002, 39, 750-755.	2.7	256
116	Peroxisome Proliferator-Activated Receptor β Gene Regulates Left Ventricular Growth in Response to Exercise and Hypertension. <i>Circulation</i> , 2002, 105, 950-955.	1.6	149
117	Left Ventricular Mass. <i>Hypertension</i> , 2002, 40, 673-678.	2.7	146
118	Automatic MRI adipose tissue mapping using overlapping mosaics. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2002, 14, 39-44.	2.0	0
119	Bradykinin B2BKR receptor polymorphism and left-ventricular growth response. <i>Lancet, The</i> , 2001, 358, 1155-1156.	13.7	103
120	Left Ventricular Hypertrophy With Exercise and ACE Gene Insertion/Deletion Polymorphism. <i>Circulation</i> , 2001, 103, 226-230.	1.6	119
121	Intercostal Artery Aneurysm Postcoarctation Repair Diagnosed by Magnetic Resonance Angiography. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2000, 2, 137-138.	3.3	4
122	Angiotensin-Converting Enzyme Genotype Affects the Response of Human Skeletal Muscle to Functional Overload. <i>Experimental Physiology</i> , 2000, 85, 575-579.	2.0	137
123	Angiotensin-converting enzyme genotype affects the response of human skeletal muscle to functional overload. <i>Experimental Physiology</i> , 2000, 85, 575-579.	2.0	54
124	Human angiotensin I-converting enzyme gene and endurance performance. <i>Journal of Applied Physiology</i> , 1999, 87, 1313-1316.	2.5	348
125	Arterial thrombosis after a long-haul flight. <i>Journal of the Royal Society of Medicine</i> , 1998, 91, 508-508.	2.0	0
126	3,4-methylenedioxymethamphetamine (MDMA, or "ecstasy") and associated hypoglycemia. <i>American Journal of Emergency Medicine</i> , 1997, 15, 218.	1.6	9