

# Sophie Mavrogeni

## List of Publications by Citations

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196  
papers

3,050  
citations

29  
h-index

41  
g-index

210  
ext. papers

3,855  
ext. citations

3.8  
avg, IF

5.24  
L-index

#	Paper	IF	Citations
196	The present and future of deep learning in radiology. <i>European Journal of Radiology</i> , <b>2019</b> , 114, 14-24	4.7	143
195	Magnetic resonance angiography is equivalent to X-ray coronary angiography for the evaluation of coronary arteries in Kawasaki disease. <i>Journal of the American College of Cardiology</i> , <b>2004</b> , 43, 649-52	15.1	114
194	A comparison of magnetic resonance imaging and cardiac biopsy in the evaluation of heart iron overload in patients with beta-thalassemia major. <i>European Journal of Haematology</i> , <b>2005</b> , 75, 241-7	3.8	77
193	Cardiovascular magnetic resonance in rheumatology: Current status and recommendations for use. <i>International Journal of Cardiology</i> , <b>2016</b> , 217, 135-48	3.2	76
192	The role of multimodality imaging in the evaluation of Takayasu arteritis. <i>Seminars in Arthritis and Rheumatism</i> , <b>2013</b> , 42, 401-12	5.3	64
191	Cardiac tissue characterization and the diagnostic value of cardiovascular magnetic resonance in systemic connective tissue diseases. <i>Arthritis Care and Research</i> , <b>2014</b> , 66, 104-12	4.7	60
190	Myocarditis as a precipitating factor for heart failure: evaluation and 1-year follow-up using cardiovascular magnetic resonance and endomyocardial biopsy. <i>European Journal of Heart Failure</i> , <b>2011</b> , 13, 830-7	12.3	57
189	Myocardial inflammation in autoimmune diseases: investigation by cardiovascular magnetic resonance and endomyocardial biopsy. <i>Inflammation and Allergy: Drug Targets</i> , <b>2009</b> , 8, 390-7		52
188	Myocardial inflammation in Duchenne Muscular Dystrophy as a precipitating factor for heart failure: a prospective study. <i>BMC Neurology</i> , <b>2010</b> , 10, 33	3.1	51
187	Magnetic resonance angiography, function and viability evaluation in patients with Kawasaki disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2006</b> , 8, 493-8	6.9	51
186	COVID-19 pathways for brain and heart injury in comorbidity patients: A role of medical imaging and artificial intelligence-based COVID severity classification: A review. <i>Computers in Biology and Medicine</i> , <b>2020</b> , 124, 103960	7	44
185	Cardiac involvement in Duchenne and Becker muscular dystrophy. <i>World Journal of Cardiology</i> , <b>2015</b> , 7, 410-4	2.1	41
184	Cardiovascular Magnetic Resonance Imaging clarifies cardiac pathophysiology in early, asymptomatic diffuse systemic sclerosis. <i>Inflammation and Allergy: Drug Targets</i> , <b>2015</b> , 14, 29-36		40
183	T1 and T2 Mapping in Cardiology: "Mapping the Obscure Object of Desire". <i>Cardiology</i> , <b>2017</b> , 138, 207-217	17.6	39
182	IgG4-related cardiovascular disease. The emerging role of cardiovascular imaging. <i>European Journal of Radiology</i> , <b>2017</b> , 86, 169-175	4.7	38
181	Rheumatoid Arthritis: Atherosclerosis Imaging and Cardiovascular Risk Assessment Using Machine and Deep Learning-Based Tissue Characterization. <i>Current Atherosclerosis Reports</i> , <b>2019</b> , 21, 7	6	37
180	How to image Kawasaki disease: a validation of different imaging techniques. <i>International Journal of Cardiology</i> , <b>2008</b> , 124, 27-31	3.2	37

179	Contrast-enhanced CMR imaging reveals myocardial involvement in idiopathic inflammatory myopathy without cardiac manifestations. <i>JACC: Cardiovascular Imaging</i> , <b>2011</b> , 4, 1324-5	8.4	36
178	A low-cost machine learning-based cardiovascular/stroke risk assessment system: integration of conventional factors with image phenotypes. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2019</b> , 9, 420-430	2.6	35
177	Cardiac and sternocleidomastoid muscle involvement in Duchenne muscular dystrophy: an MRI study. <i>Chest</i> , <b>2005</b> , 127, 143-8	5.3	35
176	Cardiovascular magnetic resonance imaging pattern at the time of diagnosis of treatment naïve patients with connective tissue diseases. <i>International Journal of Cardiology</i> , <b>2017</b> , 236, 151-156	3.2	34
175	The MOGE(S) classification for cardiomyopathies: current status and future outlook. <i>Heart Failure Reviews</i> , <b>2017</b> , 22, 743-752	5	33
174	Effect of deflazacort on cardiac and sternocleidomastoid muscles in Duchenne muscular dystrophy: a magnetic resonance imaging study. <i>European Journal of Paediatric Neurology</i> , <b>2009</b> , 13, 34-40	3.8	32
173	Magnetic resonance evaluation of liver and myocardial iron deposition in thalassemia intermedia and b-thalassemia major. <i>International Journal of Cardiovascular Imaging</i> , <b>2008</b> , 24, 849-54	2.5	32
172	Cardiovascular magnetic resonance in systemic sclerosis: "Pearls and pitfalls". <i>Seminars in Arthritis and Rheumatism</i> , <b>2017</b> , 47, 79-85	5.3	31
171	Cardiovascular/stroke risk predictive calculators: a comparison between statistical and machine learning models. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2020</b> , 10, 919-938	2.6	31
170	Prediction of ventricular arrhythmias using cardiovascular magnetic resonance. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2013</b> , 14, 518-25	4.1	30
169	Coronary artery ectasia: from diagnosis to treatment. <i>Hellenic Journal of Cardiology</i> , <b>2010</b> , 51, 158-63	2.1	30
168	Global perspective on carotid intima-media thickness and plaque: should the current measurement guidelines be revisited?. <i>International Angiology</i> , <b>2019</b> , 38, 451-465	2.2	29
167	Performance evaluation of 10-year ultrasound image-based stroke/cardiovascular (CV) risk calculator by comparing against ten conventional CV risk calculators: A diabetic study. <i>Computers in Biology and Medicine</i> , <b>2019</b> , 105, 125-143	7	29
166	Myocardial perfusion-fibrosis pattern in systemic sclerosis assessed by cardiac magnetic resonance. <i>International Journal of Cardiology</i> , <b>2012</b> , 159, e56-8	3.2	28
165	Myocardial iron deposition in beta-thalassemia studied by magnetic resonance imaging. <i>International Journal of Cardiovascular Imaging</i> , <b>1998</b> , 14, 117-22		28
164	Nonlinear model for the carotid artery disease 10-year risk prediction by fusing conventional cardiovascular factors to carotid ultrasound image phenotypes: A Japanese diabetes cohort study. <i>Echocardiography</i> , <b>2019</b> , 36, 345-361	1.5	28
163	Effect of carotid image-based phenotypes on cardiovascular risk calculator: AECRS1.0. <i>Medical and Biological Engineering and Computing</i> , <b>2019</b> , 57, 1553-1566	3.1	27
162	Myocarditis during acute inflammatory myopathies: evaluation using clinical criteria and cardiac magnetic resonance imaging. <i>International Journal of Cardiology</i> , <b>2013</b> , 164, e3-4	3.2	27

161	A Special Report on Changing Trends in Preventive Stroke/Cardiovascular Risk Assessment Via B-Mode Ultrasonography. <i>Current Atherosclerosis Reports</i> , <b>2019</b> , 21, 25	6	26
160	Imaging modalities for the diagnosis of pulmonary hypertension in systemic sclerosis. <i>Nature Reviews Rheumatology</i> , <b>2012</b> , 8, 203-13	8.1	26
159	3-D optimized classification and characterization artificial intelligence paradigm for cardiovascular/stroke risk stratification using carotid ultrasound-based delineated plaque: Atheromatic2.0. <i>Computers in Biology and Medicine</i> , <b>2020</b> , 125, 103958	7	26
158	A narrative review on characterization of acute respiratory distress syndrome in COVID-19-infected lungs using artificial intelligence. <i>Computers in Biology and Medicine</i> , <b>2021</b> , 130, 104210	7	26
157	Silent myocarditis in systemic sclerosis detected by cardiovascular magnetic resonance using Lake Louise criteria. <i>BMC Cardiovascular Disorders</i> , <b>2017</b> , 17, 187	2.3	25
156	Multimodality imaging and the emerging role of cardiac magnetic resonance in autoimmune myocarditis. <i>Autoimmunity Reviews</i> , <b>2012</b> , 12, 305-12	13.6	25
155	Is there a place for cardiovascular magnetic resonance imaging in the evaluation of cardiovascular involvement in rheumatic diseases?. <i>Seminars in Arthritis and Rheumatism</i> , <b>2011</b> , 41, 488-96	5.3	25
154	Morphologic TPA (mTPA) and composite risk score for moderate carotid atherosclerotic plaque is strongly associated with HbA1c in diabetes cohort. <i>Computers in Biology and Medicine</i> , <b>2018</b> , 101, 128-145	7	24
153	Cardiovascular magnetic resonance imaging in asymptomatic patients with connective tissue disease and recent onset left bundle branch block. <i>International Journal of Cardiology</i> , <b>2014</b> , 171, 82-7	3.2	24
152	Imaging patterns of heart failure in rheumatoid arthritis evaluated by cardiovascular magnetic resonance. <i>International Journal of Cardiology</i> , <b>2013</b> , 168, 4333-5	3.2	24
151	Heart involvement in rheumatoid arthritis: multimodality imaging and the emerging role of cardiac magnetic resonance. <i>Seminars in Arthritis and Rheumatism</i> , <b>2013</b> , 43, 314-24	5.3	23
150	The emerging role of cardiovascular magnetic resonance in the evaluation of Kawasaki disease. <i>International Journal of Cardiovascular Imaging</i> , <b>2013</b> , 29, 1787-98	2.5	23
149	Cardiac Involvement in Duchenne Muscular Dystrophy and Related Dystrophinopathies. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1687, 31-42	1.4	23
148	Ranking of stroke and cardiovascular risk factors for an optimal risk calculator design: Logistic regression approach. <i>Computers in Biology and Medicine</i> , <b>2019</b> , 108, 182-195	7	22
147	CMR detects subclinical cardiomyopathy in mother-carriers of Duchenne and Becker muscular dystrophy. <i>JACC: Cardiovascular Imaging</i> , <b>2013</b> , 6, 526-8	8.4	21
146	Two-stage artificial intelligence model for jointly measurement of atherosclerotic wall thickness and plaque burden in carotid ultrasound: A screening tool for cardiovascular/stroke risk assessment. <i>Computers in Biology and Medicine</i> , <b>2020</b> , 123, 103847	7	20
145	Heart failure imaging patterns in systemic lupus erythematosus. Evaluation using cardiovascular magnetic resonance. <i>International Journal of Cardiology</i> , <b>2014</b> , 176, 559-61	3.2	20
144	Cardiac involvement in ANCA (+) and ANCA (-) Churg-Strauss syndrome evaluated by cardiovascular magnetic resonance. <i>Inflammation and Allergy: Drug Targets</i> , <b>2013</b> , 12, 322-7		20

143	Cardiac and muscular involvement in idiopathic inflammatory myopathies: noninvasive diagnostic assessment and the role of cardiovascular and skeletal magnetic resonance imaging. <i>Inflammation and Allergy: Drug Targets</i> , <b>2014</b> , 13, 206-16		20
142	Cardiac magnetic resonance imaging in myocardial inflammation in autoimmune rheumatic diseases: An appraisal of the diagnostic strengths and limitations of the Lake Louise criteria. <i>International Journal of Cardiology</i> , <b>2018</b> , 252, 216-219	3.2	20
141	Cardiovascular magnetic resonance imaging: clinical implications in the evaluation of connective tissue diseases. <i>Journal of Inflammation Research</i> , <b>2017</b> , 10, 55-61	4.8	19
140	Low-cost preventive screening using carotid ultrasound in patients with diabetes. <i>Frontiers in Bioscience - Landmark</i> , <b>2020</b> , 25, 1132-1171	2.8	19
139	The emerging role of Cardiovascular Magnetic Resonance in the evaluation of hypertensive heart disease. <i>BMC Cardiovascular Disorders</i> , <b>2017</b> , 17, 132	2.3	18
138	CMR evaluation of cardiac involvement during the convalescence of Kawasaki disease. <i>JACC: Cardiovascular Imaging</i> , <b>2011</b> , 4, 1140-1	8.4	18
137	Myocarditis and subclavian stenosis in Takayasu arteritis. <i>International Journal of Cardiology</i> , <b>2011</b> , 148, 223-4	3.2	18
136	Myopericarditis, as the first sign of rheumatoid arthritis relapse, evaluated by cardiac magnetic resonance. <i>Inflammation and Allergy: Drug Targets</i> , <b>2013</b> , 12, 206-11		18
135	Myocardial perfusion in peripheral Raynaud's phenomenon. Evaluation using stress cardiovascular magnetic resonance. <i>International Journal of Cardiology</i> , <b>2017</b> , 228, 444-448	3.2	17
134	Cardiovascular magnetic resonance imaging evaluation of two families with Becker muscular dystrophy. <i>Neuromuscular Disorders</i> , <b>2010</b> , 20, 717-9	2.9	17
133	Wilson disease tissue classification and characterization using seven artificial intelligence models embedded with 3D optimization paradigm on a weak training brain magnetic resonance imaging datasets: a supercomputer application. <i>Medical and Biological Engineering and Computing</i> , <b>2021</b> , 59, 511-533	3.1	17
132	Evaluation of myocarditis in a pediatric population using cardiovascular magnetic resonance and endomyocardial biopsy. <i>International Journal of Cardiology</i> , <b>2012</b> , 160, 192-5	3.2	16
131	Myocardial and hepatic T2* magnetic resonance evaluation in ex-thalassemic patients after bone-marrow transplantation. <i>International Journal of Cardiovascular Imaging</i> , <b>2007</b> , 23, 739-45	2.5	16
130	Cardiac magnetic resonance predicts ventricular arrhythmias in scleroderma: the Scleroderma Arrhythmia Clinical Utility Study (SAnCtUS). <i>Rheumatology</i> , <b>2020</b> , 59, 1938-1948	3.9	16
129	Morphological Carotid Plaque Area Is Associated With Glomerular Filtration Rate: A Study of South Asian Indian Patients With Diabetes and Chronic Kidney Disease. <i>Angiology</i> , <b>2020</b> , 71, 520-535	2.1	15
128	Can cardiovascular magnetic resonance prompt early cardiovascular/rheumatic treatment in autoimmune rheumatic diseases? Current practice and future perspectives. <i>Rheumatology International</i> , <b>2018</b> , 38, 949-958	3.6	15
127	Cardiac involvement in antiphospholipid syndrome: The diagnostic role of noninvasive cardiac imaging. <i>Seminars in Arthritis and Rheumatism</i> , <b>2016</b> , 45, 611-6	5.3	15
126	Update on assessment and management of primary cardiac involvement in systemic sclerosis.. <i>Journal of Scleroderma and Related Disorders</i> , <b>2018</b> , 3, 53-65	2.3	15

125	Diagnosis, severity grading and prognosis of left ventricular non-compaction using cardiovascular magnetic resonance. <i>International Journal of Cardiology</i> , <b>2013</b> , 167, 598-9	3.2	15
124	Artificial intelligence framework for predictive cardiovascular and stroke risk assessment models: A narrative review of integrated approaches using carotid ultrasound. <i>Computers in Biology and Medicine</i> , <b>2020</b> , 126, 104043	7	15
123	Naxos disease evolution mimicking acute myocarditis: the role of cardiovascular magnetic resonance imaging. <i>International Journal of Cardiology</i> , <b>2013</b> , 166, e14-5	3.2	14
122	Noncorticosteroid immunosuppression limits myocardial damage and contractile dysfunction in eosinophilic granulomatosis with polyangiitis (Churg-Strauss syndrome). <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 65, 103-105	15.1	14
121	Hyperthyroidism induced autoimmune myocarditis. Evaluation by cardiovascular magnetic resonance and endomyocardial biopsy. <i>International Journal of Cardiology</i> , <b>2012</b> , 158, 166-8	3.2	14
120	Effect of iron overload on exercise capacity in thalassemic patients with heart failure. <i>International Journal of Cardiovascular Imaging</i> , <b>2009</b> , 25, 777-83	2.5	14
119	Rheumatoid arthritis: an autoimmune disease with female preponderance and cardiovascular risk equivalent to diabetes mellitus: role of cardiovascular magnetic resonance. <i>Inflammation and Allergy: Drug Targets</i> , <b>2014</b> , 13, 81-93		14
118	Contribution of cardiovascular magnetic resonance in the evaluation of coronary arteries. <i>World Journal of Cardiology</i> , <b>2014</b> , 6, 1060-6	2.1	14
117	Does the Carotid Bulb Offer a Better 10-Year CVD/Stroke Risk Assessment Compared to the Common Carotid Artery? A 1516 Ultrasound Scan Study. <i>Angiology</i> , <b>2020</b> , 71, 920-933	2.1	14
116	Cardiovascular Magnetic Resonance Identifies High-Risk Systemic Sclerosis Patients with Normal Echocardiograms and Provides Incremental Prognostic Value. <i>Diagnostics</i> , <b>2019</b> , 9,	3.8	14
115	Cardiac Tissue Characterization and Imaging in Autoimmune Rheumatic Diseases. <i>JACC: Cardiovascular Imaging</i> , <b>2017</b> , 10, 1387-1396	8.4	13
114	Abnormal myocardial perfusion in Kawasaki disease convalescence. <i>JACC: Cardiovascular Imaging</i> , <b>2015</b> , 8, 106-108	8.4	13
113	Myocarditis in a patient with Duchenne muscular dystrophy detected by cardiovascular magnetic resonance and cardiac biopsy. <i>International Journal of Cardiology</i> , <b>2009</b> , 132, e123-4	3.2	13
112	Myocardial involvement in a patient with chlamydia trachomatis infection. <i>Journal of Cardiac Failure</i> , <b>2008</b> , 14, 351-3	3.3	13
111	Evaluation of myocardial iron overload using magnetic resonance imaging. <i>Blood Transfusion</i> , <b>2009</b> , 7, 183-7	3.6	13
110	Cardiovascular magnetic resonance imaging pattern in patients with autoimmune rheumatic diseases and ventricular tachycardia with preserved ejection fraction. <i>International Journal of Cardiology</i> , <b>2019</b> , 284, 105-109	3.2	13
109	Severe/Extreme Hypertriglyceridemia and LDL Apheretic Treatment: Review of the Literature, Original Findings. <i>Cholesterol</i> , <b>2014</b> , 2014, 109263		12
108	Fulminant myocarditis. Can cardiac magnetic resonance predict evolution to heart failure?. <i>International Journal of Cardiology</i> , <b>2012</b> , 159, e37-8	3.2	12



107	Integration of estimated glomerular filtration rate biomarker in image-based cardiovascular disease/stroke risk calculator: a south Asian-Indian diabetes cohort with moderate chronic kidney disease. <i>International Angiology</i> , <b>2020</b> , 39, 290-306	2.2	12
106	Updating the Risk Stratification for Sudden Cardiac Death in Cardiomyopathies: The Evolving Role of Cardiac Magnetic Resonance Imaging. An Approach for the Electrophysiologist. <i>Diagnostics</i> , <b>2020</b> , 10,	3.8	12
105	Multimodality carotid plaque tissue characterization and classification in the artificial intelligence paradigm: a narrative review for stroke application. <i>Annals of Translational Medicine</i> , <b>2021</b> , 9, 1206	3.2	12
104	Transcatheter septal ablation in hypertrophic obstructive cardiomyopathy: a technical guide and review of published results. <i>Heart Failure Reviews</i> , <b>2018</b> , 23, 907-917	5	11
103	Diffuse, subendocardial vasculitis. A new entity identified by cardiovascular magnetic resonance and its clinical implications. <i>International Journal of Cardiology</i> , <b>2013</b> , 168, 2971-2	3.2	11
102	Cardiac magnetic resonance can early assess the presence and severity of heart involvement in Naxos disease. <i>International Journal of Cardiology</i> , <b>2012</b> , 154, e19-20	3.2	11
101	Magnetic resonance imaging-conditional devices: Luxury or real clinical need?. <i>Hellenic Journal of Cardiology</i> , <b>2017</b> , 58, 256-260	2.1	11
100	Geometric Total Plaque Area Is an Equally Powerful Phenotype Compared With Carotid Intima-Media Thickness for Stroke Risk Assessment: A Deep Learning Approach. <i>Journal for Vascular Ultrasound</i> , <b>2018</b> , 42, 162-188	0.1	11
99	Sudden cardiac death in athletes and the value of cardiovascular magnetic resonance. <i>European Journal of Clinical Investigation</i> , <b>2018</b> , 48, e12955	4.6	11
98	Why Currently Used Diagnostic Techniques for Heart Failure in Rheumatoid Arthritis Are Not Enough: The Challenge of Cardiovascular Magnetic Resonance Imaging. <i>Reviews in Cardiovascular Medicine</i> , <b>2014</b> , 15, 320-331	3.9	11
97	Oedema-fibrosis in Duchenne Muscular Dystrophy: Role of cardiovascular magnetic resonance imaging. <i>European Journal of Clinical Investigation</i> , <b>2017</b> , 47, e12843	4.6	10
96	How to approach the great mimic? Improving techniques for the diagnosis of myocarditis. <i>Expert Review of Cardiovascular Therapy</i> , <b>2016</b> , 14, 105-15	2.5	10
95	CMR feature tracking in cardiac asymptomatic systemic sclerosis: Clinical implications. <i>PLoS ONE</i> , <b>2019</b> , 14, e0221021	3.7	10
94	Myocardial stress perfusion-fibrosis imaging pattern in sarcoidosis, assessed by cardiovascular magnetic resonance imaging. <i>International Journal of Cardiology</i> , <b>2014</b> , 172, 501-3	3.2	10
93	CMR assessment of myocarditis in patients with cardiac symptoms during H1N1 viral infection. <i>JACC: Cardiovascular Imaging</i> , <b>2011</b> , 4, 307-9	8.4	10
92	Pseudo-infarction pattern in diffuse systemic sclerosis. Evaluation using cardiovascular magnetic resonance. <i>International Journal of Cardiology</i> , <b>2016</b> , 214, 465-8	3.2	10
91	Imaging Patterns of Cardiovascular Involvement in Mixed Connective Tissue Disease Evaluated by Cardiovascular Magnetic Resonance. <i>Inflammation and Allergy: Drug Targets</i> , <b>2015</b> , 14, 111-6		9
90	Advancements in the diagnostic workup, prognostic evaluation, and treatment of takotsubo syndrome. <i>Heart Failure Reviews</i> , <b>2020</b> , 25, 757-771	5	9

89	Microsomal triglyceride transfer protein inhibitor (lomitapide) efficacy in the treatment of patients with homozygous familial hypercholesterolaemia. <i>European Journal of Preventive Cardiology</i> , <b>2020</b> , 27, 157-165	3.9	9
88	Cardiac profile of asymptomatic children with Becker and Duchenne muscular dystrophy under treatment with steroids and with/without perindopril. <i>BMC Cardiovascular Disorders</i> , <b>2017</b> , 17, 197	2.3	8
87	Silent Myocardial Perfusion Abnormalities Detected by Stress Cardiovascular Magnetic Resonance in Antiphospholipid Syndrome: A Case-Control Study. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	8
86	Edema and fibrosis imaging by cardiovascular magnetic resonance: how can the experience of Cardiology be best utilized in rheumatological practice?. <i>Seminars in Arthritis and Rheumatism</i> , <b>2014</b> , 44, 76-85	5.3	8
85	Cardiovascular involvement in pediatric systemic autoimmune diseases: the emerging role of noninvasive cardiovascular imaging. <i>Inflammation and Allergy: Drug Targets</i> , <b>2015</b> , 13, 371-81		8
84	Ultrasound-based stroke/cardiovascular risk stratification using Framingham Risk Score and ASCVD Risk Score based on "Integrated Vascular Age" instead of "Chronological Age": a multi-ethnic study of Asian Indian, Caucasian, and Japanese cohorts. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2020</b> , 10, 939-954	2.6	8
83	The importance of heart and brain imaging in children and adolescents with Multisystem Inflammatory Syndrome in Children (MIS-C). <i>Rheumatology International</i> , <b>2021</b> , 41, 1037-1044	3.6	8
82	Cardio-oncology, the myth of Sisyphus, and cardiovascular disease in breast cancer survivors. <i>Heart Failure Reviews</i> , <b>2019</b> , 24, 977-987	5	7
81	Prospects of using cardiovascular magnetic resonance in the identification of arrhythmogenic substrate in autoimmune rheumatic diseases. <i>Rheumatology International</i> , <b>2018</b> , 38, 1615-1621	3.6	7
80	Ventricular tachycardia in patients with family history of sudden cardiac death, normal coronaries and normal ventricular function. Can cardiac magnetic resonance add to diagnosis?. <i>International Journal of Cardiology</i> , <b>2013</b> , 168, 1532-3	3.2	7
79	Pleuro-pericarditis, vasculitis, subendocardial and nodular biventricular fibrosis. The multiple faces of systemic sclerosis detected by cardiac magnetic resonance in the same patient. <i>International Journal of Cardiology</i> , <b>2013</b> , 163, e26-7	3.2	7
78	Streptococcal tonsillitis and acute streptococcal myocarditis: an unusual combination assessed by cardiac magnetic resonance imaging and endomyocardial biopsy. <i>Annals of Otolaryngology and Rhinology and Laryngology</i> , <b>2012</b> , 121, 604-8	2.1	7
77	EBV Infection as a Cause of VT: Evaluation by CMR. <i>JACC: Cardiovascular Imaging</i> , <b>2011</b> , 4, 561-2	8.4	7
76	Cardiovascular risk assessment in patients with rheumatoid arthritis using carotid ultrasound B-mode imaging. <i>Rheumatology International</i> , <b>2020</b> , 40, 1921-1939	3.6	7
75	Cardiovascular disease and stroke risk assessment in patients with chronic kidney disease using integration of estimated glomerular filtration rate, ultrasonic image phenotypes, and artificial intelligence: a narrative review. <i>International Angiology</i> , <b>2021</b> , 40, 150-164	2.2	7
74	Cardiac transplantation: towards a new noninvasive approach of cardiac allograft rejection. <i>Expert Review of Cardiovascular Therapy</i> , <b>2017</b> , 15, 307-313	2.5	6
73	Cardiovascular magnetic resonance in the diagnosis and management of cardiac and vascular involvement in the systemic vasculitides. <i>Current Opinion in Rheumatology</i> , <b>2019</b> , 31, 16-24	5.3	6
72	Silent myocarditis in myasthenia gravis. Role of cardiovascular magnetic resonance imaging. <i>International Journal of Cardiology</i> , <b>2016</b> , 202, 629-30	3.2	6



71	Cardiovascular magnetic resonance for evaluation of heart involvement in ANCA-associated vasculitis. A luxury or a valuable diagnostic tool?. <i>Inflammation and Allergy: Drug Targets</i> , <b>2014</b> , 13, 305-11		6
70	A Review on Joint Carotid Intima-Media Thickness and Plaque Area Measurement in Ultrasound for Cardiovascular/Stroke Risk Monitoring: Artificial Intelligence Framework. <i>Journal of Digital Imaging</i> , <b>2021</b> , 34, 581-604	5.3	6
69	Why currently used diagnostic techniques for heart failure in rheumatoid arthritis are not enough: the challenge of cardiovascular magnetic resonance imaging. <i>Reviews in Cardiovascular Medicine</i> , <b>2014</b> , 15, 320-31	3.9	6
68	Systemic Vasculitis: An Underestimated Cause of Heart Failure—Assessment by Cardiovascular Magnetic Resonance. <i>Reviews in Cardiovascular Medicine</i> , <b>2013</b> , 14, 49-55	3.9	6
67	"Role of cardiovascular magnetic resonance in assessing patients with chest pain, increased troponin levels and normal coronary arteries". <i>Hellenic Journal of Cardiology</i> , <b>2017</b> , 58, 384-386	2.1	5
66	Combined Brain-Heart Magnetic Resonance Imaging in Autoimmune Rheumatic Disease Patients with Cardiac Symptoms: Hypothesis Generating Insights from a Cross-sectional Study. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	5
65	The Sphinx's riddle: cardiovascular involvement in autoimmune rheumatic disease. <i>BMC Cardiovascular Disorders</i> , <b>2016</b> , 16, 204	2.3	5
64	"The silence of lambs": Cardiac lesions in asymptomatic immune-mediated diseases detected by cardiovascular magnetic resonance. <i>International Journal of Cardiology</i> , <b>2013</b> , 168, 2901-2	3.2	5
63	Cardiovascular disease in women: insights from magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2020</b> , 22, 71	6.9	5
62	Arrhythmogenic Inflammatory Cardiomyopathy in Autoimmune Rheumatic Diseases: A Challenge for Cardio-Rheumatology. <i>Diagnostics</i> , <b>2019</b> , 9,	3.8	5
61	Review on sudden death risk reduction after septal reduction therapies in hypertrophic obstructive cardiomyopathy. <i>Heart Failure Reviews</i> , <b>2019</b> , 24, 359-366	5	5
60	Pathophysiology and imaging of heart failure in women with autoimmune rheumatic diseases. <i>Heart Failure Reviews</i> , <b>2019</b> , 24, 489-498	5	4
59	Coronary artery abnormalities in CREST syndrome revealed by cardiovascular magnetic resonance imaging. <i>Canadian Journal of Cardiology</i> , <b>2011</b> , 27, 390.e5-7	3.8	4
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