Martin Ugander

List of Publications by Year
in descending order

135 papers	7,900 citations	117453 34 h-index	51492 86 g-index
152 all docs	152 docs citations	152 times ranked	7987 citing authors

#	Article	IF	Citations
1	Diffusely Increased Myocardial Extracellular Volume With or Without Focal Late Gadolinium Enhancement. Journal of Thoracic Imaging, 2022, 37, 17-25.	0.8	4
2	Automated Inâ€Line Artificial Intelligence Measured Global Longitudinal Shortening and Mitral Annular Plane Systolic Excursion: Reproducibility and Prognostic Significance. Journal of the American Heart Association, 2022, 11, e023849.	1.6	11
3	The utility of cardiac magnetic resonance imaging in the diagnosis of adult patients with acute myocarditis: a systematic review and meta-analysis. International Journal of Cardiology, 2022, 363, 225-239.	0.8	6
4	Myocardial fibrosis in type 2 diabetes is associated with functional and metabolomic parameters. International Journal of Cardiology, 2022, , .	0.8	3
5	Heart age estimated using explainable advanced electrocardiography. Scientific Reports, 2022, 12, .	1.6	9
6	Impact of an intensive lifestyle program on low attenuation plaque and myocardial perfusion in coronary heart disease: AÂrandomised clinical trial protocol. Nutrition and Healthy Aging, 2022, , 1-14.	0.5	3
7	Markers of Focal and Diffuse Nonischemic Myocardial Fibrosis Are Associated With Adverse Cardiac Remodeling and Prognosis in Patients With Hypertension: The REMODEL Study. Hypertension, 2022, 79, 1804-1813.	1.3	25
8	Generalization of three-dimensional golden-angle radial acquisition to reduce eddy current artifacts in bSSFP CMR imaging. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2021, 34, 109-118.	1.1	7
9	Hydraulic force is a novel mechanism of diastolic function that may contribute to decreased diastolic filling in HFpEF and facilitate filling in HFrEF. Journal of Applied Physiology, 2021, 130, 993-1000.	1.2	2
10	Early Comprehensive Cardiovascular Magnetic Resonance Imaging in Patients With Myocardial Infarction With Nonobstructive Coronary Arteries. JACC: Cardiovascular Imaging, 2021, 14, 1774-1783.	2.3	46
11	Predicting peri-operative troponin elevation by advanced electrocardiography. Journal of Electrocardiology, 2021, 68, 1-5.	0.4	1
12	Looking for the Right Diagnosis? Cardiovascular Magnetic Resonance Imaging Can Help Differentiate Cardiomyopathies. Heart Lung and Circulation, 2021, 31, 7-16.	0.2	0
13	Plasma catecholamine levels in the acute and subacute stages of takotsubo syndrome: Results from the Stockholm myocardial infarction with normal coronaries 2 study. Clinical Cardiology, 2021, 44, 1567-1574.	0.7	13
14	Pulmonary blood volume measured by cardiovascular magnetic resonance: influence of pulmonary transit time methods and left atrial volume. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 123.	1.6	6
15	Exercise Intolerance, Benefits, and Prescription for People Living With a Fontan Circulation: The Fontan Fitness Intervention Trial (F-FIT)â€"Rationale and Design. Frontiers in Pediatrics, 2021, 9, 799125.	0.9	19
16	Extracellular Volume Associates WithÂOutcomes More Strongly Than Native or Post-Contrast Myocardial T1. JACC: Cardiovascular Imaging, 2020, 13, 44-54.	2.3	68
17	Sectorâ€wise goldenâ€angle phase contrast with high temporal resolution for evaluation of left ventricular diastolic dysfunction. Magnetic Resonance in Medicine, 2020, 83, 1310-1321.	1.9	15
18	Exercise CMR T1 Mapping for Myocardial Ischemia Testing. JACC: Cardiovascular Imaging, 2020, 13, 681-683.	2.3	1

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19	Cardiovascular Magnetic Resonance Imaging of Inherited Heart Conditions. Heart Lung and Circulation, 2020, 29, 584-593.	0.2	5
20	The electrical determinants of increased wall thickness and mass in left ventricular hypertrophy. Journal of Electrocardiology, 2020, 58, 80-86.	0.4	12
21	Substantial prevalence of subclinical cardiovascular diseases in patients with hemophilia A evaluated by advanced electrocardiography. Journal of Electrocardiology, 2020, 58, 171-175.	0.4	6
22	Mechanistic validation of the 2016 American Society of Echocardiography/European Association of Cardiovascular Imaging Guidelines for the assessment of diastolic dysfunction in heart failure with reduced ejection fraction. Cardiovascular Ultrasound, 2020, 18, 42.	0.5	0
23	Predicting the Development of Reduced Left Ventricular Ejection Fraction in Patients With Left Bundle Branch Block. American Journal of Cardiology, 2020, 137, 39-44.	0.7	2
24	Diastolic function and its association with diabetes, hypertension and age in an outpatient population with normal stress echocardiography findings. Cardiovascular Ultrasound, 2020, 18, 46.	0.5	5
25	Comprehensive Cardiovascular Magnetic Resonance Diastolic Dysfunction Grading Shows Very Good Agreement Compared With Echocardiography. JACC: Cardiovascular Imaging, 2020, 13, 2530-2542.	2.3	19
26	Myocardial micro-biopsy procedure for molecular characterization with increased precision and reduced trauma. Scientific Reports, 2020, 10, 8029.	1.6	11
27	Extracellular Volume and Global Longitudinal Strain Both Associate WithÂOutcomes But Correlate Minimally. JACC: Cardiovascular Imaging, 2020, 13, 2343-2354.	2.3	42
28	Cardiovascular magnetic resonance 4D flow analysis has a higher diagnostic yield than Doppler echocardiography for detecting increased pulmonary artery pressure. BMC Medical Imaging, 2020, 20, 28.	1.4	19
29	Stationary tissue background correction increases the precision of clinical evaluation of intra-cardiac shunts by cardiovascular magnetic resonance. Scientific Reports, 2020, 10, 5053.	1.6	2
30	Females have higher myocardial perfusion, blood volume and extracellular volume compared to males â€“ an adenosine stress cardiovascular magnetic resonance study. Scientific Reports, 2020, 10, 10380.	1.6	39
31	The transition from hypertension to hypertensive heart disease and heart failure: the PREFERS Hypertension study. ESC Heart Failure, 2020, 7, 737-746.	1.4	22
32	The effect of levosimendan on survival and cardiac performance in an ischemic cardiac arrest model â€“ A blinded randomized placebo-controlled study in swine. Resuscitation, 2020, 150, 113-120.	1.3	6
33	Lead one ratio in left bundle branch block predicts poor cardiac resynchronization therapy response. PACE - Pacing and Clinical Electrophysiology, 2020, 43, 503-510.	0.5	0
34	Supine, prone, right and left gravitational effects on human pulmonary circulation. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 69.	1.6	28
35	Projection-based respiratory-resolved left ventricular volume measurements in patients using free-breathing double golden-angle 3D radial acquisition. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2019, 32, 331-341.	1.1	1
36	Detection of myocarditis using T 1 and ECV mapping is not improved by early compared to late postâ€contrast imaging. Clinical Physiology and Functional Imaging, 2019, 39, 384-392.	0.5	4

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37	A cardiac magnetic resonance imaging study of long-term and incident hemodialysis patients. Journal of Nephrology, 2019, 32, 615-626.	0.9	5
38	Low lead one ratio predicts clinical outcomes in left bundle branch block. Journal of Cardiovascular Electrophysiology, 2019, 30, 709-716.	0.8	3
39	Cardiac remodeling in aortic and mitral valve disease: a simulation study with clinical validation. Journal of Applied Physiology, 2019, 126, 1377-1389.	1.2	11
40	The dynamics of extracellular gadolinium-based contrast agent excretion into pleural and pericardial effusions quantified by T1 mapping cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 71.	1.6	3
41	The relative contributions of myocardial perfusion, blood volume and extracellular volume to native T1 and native T2 at rest and during adenosine stress in normal physiology. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 73.	1.6	24
42	Heart filling exceeds emptying during late ventricular systole in patients with systolic heart failure and healthy subjects â€“ a cardiac MRI study. Clinical Physiology and Functional Imaging, 2019, 39, 192-200.	0.5	1
43	Pulmonary artery imaging under freeâ€breathing using goldenâ€angle radial b SSFP MRI : a proof of concept. Magnetic Resonance in Medicine, 2018, 80, 1847-1856.	1.9	3
44	Synthetic late gadolinium enhancement cardiac magnetic resonance for diagnosing myocardial scar. Scandinavian Cardiovascular Journal, 2018, 52, 127-132.	0.4	7
45	Respiratory variation in left ventricular cardiac function with 3 D double goldenâ€angle wholeâ€heart cine imaging. Magnetic Resonance in Medicine, 2018, 79, 2693-2701.	1.9	5
46	Ejection fraction in left bundle branch block is disproportionately reduced in relation to amount of myocardial scar. Journal of Electrocardiology, 2018, 51, 1071-1076.	0.4	3
47	Normal Reference Values for Assessing Diastolic Function Using the Parameterized Diastolic Filling Formalism Method in Patients with Normal Results of Rest and Stress Echocardiography. Ultrasound in Medicine and Biology, 2018, 44, 2261-2266.	0.7	2
48	The ability of the electrocardiogram in left bundle branch block to detect myocardial scar determined by cardiovascular magnetic resonance. Journal of Electrocardiology, 2018, 51, 779-786.	0.4	6
49	Evaluation of the <scp>ECG</scp> based Selvester scoring method to estimate myocardial scar burden and predict clinical outcome in patients with left bundle branch block, with comparison to late gadolinium enhancement <scp>CMR</scp> imaging. Annals of Noninvasive Electrocardiology, 2017, 22, .	0.5	7
50	Hydraulic forces contribute to left ventricular diastolic filling. Scientific Reports, 2017, 7, 43505.	1.6	14
51	Cardiac Amyloidosis Shows Decreased Diastolic Function as Assessed by Echocardiographic Parameterized Diastolic Filling. Ultrasound in Medicine and Biology, 2017, 43, 1331-1338.	0.7	6
52	Poor blood pressure control in adults with repaired coarctation of the aorta and hypertension: a register-based study of associated factors. Cardiology in the Young, 2017, 27, 1708-1715.	0.4	6
53	Temporal Relation Between Myocardial Fibrosis and Heart Failure With Preserved Ejection Fraction. JAMA Cardiology, 2017, 2, 995.	3.0	164
54	Diffuse Myocardial Fibrosis Reduces Electrocardiographic Voltage Measures of Left Ventricular Hypertrophy Independent of Left Ventricular Mass. Journal of the American Heart Association, 2017, 6, .	1.6	39

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55	028â€...Routine identification of hypoperfusion in cardiac amyloidosis by myocardial blood flow mapping. Heart, 2017, 103, A24-A24.	1.2	3
56	Left ventricular volume measurements with free breathing respiratory self-gated 3-dimensional golden angle radial whole-heart cine imaging â€“ Feasibility and reproducibility. Magnetic Resonance Imaging, 2017, 43, 48-55.	1.0	9
57	The 4th Report of the Working Group on ECG diagnosis of Left Ventricular Hypertrophy. Journal of Electrocardiology, 2017, 50, 11-15.	0.4	15
58	Clinical recommendations for cardiovascular magnetic resonance mapping of T1, T2, T2* and extracellular volume: A consensus statement by the Society for Cardiovascular Magnetic Resonance (SCMR) endorsed by the European Association for Cardiovascular Imaging (EACVI). Journal of Cardiovascular Magnetic Resonance, 2017, 19, 75.	1.6	1,074
59	Late sodium current block for drugâ€induced long QT syndrome: Results from a prospective clinical trial. Clinical Pharmacology and Therapeutics, 2016, 99, 214-223.	2.3	120
60	Rationale and design of the <scp>PREFERS</scp> (Preserved and Reduced Ejection Fraction) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 T Stockholm county of 2.1 million inhabitants. European Journal of Heart Failure, 2016, 18, 1287-1297.	2.9	17
61	Kinematic analysis of diastolic function using the freely available software Echo E-waves â€“ feasibility and reproducibility. BMC Medical Imaging, 2016, 16, 60.	1.4	9
62	Scientific STAFF and MALT meetings â€” past, present, and future. Journal of Electrocardiology, 2016, 49, 259-262.	0.4	5
63	Ventricular Septal Perforation Caused by the Strut of a Mitral Valve Bioprosthesis. Annals of Thoracic Surgery, 2016, 101, 1164-1166.	0.7	4
64	Blood correction reduces variability and gender differences in native myocardial T1 values at 1.5ÂT cardiovascular magnetic resonance â€“ a derivation/validation approach. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 41.	1.6	21
65	Myocardial perfusion cardiovascular magnetic resonance: optimized dual sequence and reconstruction for quantification. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 43.	1.6	185
66	Dark blood late enhancement imaging. Journal of Cardiovascular Magnetic Resonance, 2016, 18, 77.	1.6	64
67	Evaluation of Selvester QRS score for use in presence of conduction abnormalities in a broad population. American Heart Journal, 2015, 170, 346-352.	1.2	11
68	Myocardial Fibrosis Quantified by Extracellular Volume Is Associated With Subsequent Hospitalization for Heart Failure, Death, or Both Across the Spectrum of Ejection Fraction and Heart Failure Stage. Journal of the American Heart Association, 2015, 4, .	1.6	174
69	Selvester scoring in patients with strict LBBB using the QUARESS software. Journal of Electrocardiology, 2015, 48, 763-768.	0.4	5
70	Incidence of strict versus nonstrict left bundle branch block after transcatheter aortic valve replacement. American Heart Journal, 2015, 169, 438-444.	1.2	9
71	Automated inline extracellular volume (ECV) mapping. Journal of Cardiovascular Magnetic Resonance, 2015, 17, W6.	1.6	5
72	Specificity for each of the 46 criteria of the Selvester QRS score for electrocardiographic myocardial scar sizing in left bundle branch block. Journal of Electrocardiology, 2015, 48, 769-776.	0.4	9

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73	Selvester QRS scoring in conduction abnormalitites: Caution recommended due to recent findings. Journal of Electrocardiology, 2015, 48, 777-778.	0.4	6
74	The relationship between electrocardiographic left ventricular hypertrophy criteria and echocardiographic mass in patients undergoing transcatheter aortic valve replacement. Journal of Electrocardiology, 2015, 48, 630-636.	0.4	15
75	Investigation of potential mechanisms of sex differences in quinidine-induced torsade de pointes risk. Journal of Electrocardiology, 2015, 48, 533-538.	0.4	11
76	Left Ventricular Hypertrophy: The Relationship between the Electrocardiogram and Cardiovascular Magnetic Resonance Imaging. Annals of Noninvasive Electrocardiology, 2014, 19, 524-533.	0.5	39
77	Distinction of salvaged and infarcted myocardium within the ischaemic area-at-risk with T2 mapping. European Heart Journal Cardiovascular Imaging, 2014, 15, 1048-1053.	0.5	35
78	EXTRACELLULAR MATRIX EXPANSION IN NON-INFARCTED MYOCARDIUM IS ASSOCIATED WITH SUBSEQUENT DEATH, HOSPITALIZATION FOR HEART FAILURE, OR BOTH ACROSS THE EJECTION FRACTION SPECTRUM. Journal of the American College of Cardiology, 2014, 63, A1007.	1.2	5
79	The pulmonary blood volume variation is higher in patients with heart failure compared to healthy controls. Journal of Cardiovascular Magnetic Resonance, 2014, 16, P288.	1.6	1
80	Impact of ostium secundum atrial septal defect closure on the resolution of falsely positive electrocardiographic criteria for myocardial scarring. Journal of Electrocardiology, 2014, 47, 197-201.	0.4	3
81	Impact of left bundle branch block after transcatheter aortic valve replacement. Journal of Electrocardiology, 2014, 47, 608-611.	0.4	5
82	Differentiating Drug-Induced Multichannel Block on the Electrocardiogram: Randomized Study of Dofetilide, Quinidine, Ranolazine, and Verapamil. Clinical Pharmacology and Therapeutics, 2014, 96, 549-558.	2.3	213
83	Improving the Assessment of Heart Toxicity for All New Drugs Through Translational Regulatory Science. Clinical Pharmacology and Therapeutics, 2014, 95, 501-508.	2.3	80
84	Localization of myocardial scar in patients with cardiomyopathy and left bundle branch block using electrocardiographic Selvester QRS scoring. Journal of Electrocardiology, 2013, 46, 249-255.	0.4	17
85	Pulmonary blood volume indexed to lung volume is reduced in newly diagnosed systemic sclerosis compared to normals â€“ a prospective clinical cardiovascular magnetic resonance study addressing pulmonary vascular changes. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 86.	1.6	27
86	Left ventricular mechanical dyssynchrony by cardiac magnetic resonance is greater in patients with strict vs nonstrict electrocardiogram criteria for left bundle-branch block. American Heart Journal, 2013, 165, 956-963.	1.2	28
87	Myocardial T1 mapping and extracellular volume quantification: a Society for Cardiovascular Magnetic Resonance (SCMR) and CMR Working Group of the European Society of Cardiology consensus statement. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 92.	1.6	864
88	Blood in, blood out: left ventricular pseudoaneurysm following mitral valve endocarditis. Interactive Cardiovascular and Thoracic Surgery, 2013, 16, 547-548.	0.5	5
89	Myocardial Damage Detected by Late Gadolinium Enhancement Cardiovascular Magnetic Resonance Is Associated With Subsequent Hospitalization for Heart Failure. Journal of the American Heart Association, 2013, 2, e000416.	1.6	39
90	Extracellular volume imaging by magnetic resonance imaging provides insights into overt and sub-clinical myocardial pathology. European Heart Journal, 2012, 33, 1268-1278.	1.0	482

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91	Extracellular volume fraction mapping in the myocardium, part 1: evaluation of an automated method. Journal of Cardiovascular Magnetic Resonance, 2012, 14, 60.	1.6	323
92	Extracellular volume fraction mapping in the myocardium, part 2: initial clinical experience. Journal of Cardiovascular Magnetic Resonance, 2012, 14, 61.	1.6	223
93	Myocardial Edema as Detected by Pre-Contrast T1 and T2 CMR Delineates Area at Risk Associated With Acute Myocardial Infarction. JACC: Cardiovascular Imaging, 2012, 5, 596-603.	2.3	283
94	Evaluation of systemic capillary leak syndrome patients with cardiac magnetic resonance imaging. Journal of Cardiovascular Magnetic Resonance, 2012, 14, .	1.6	0
95	Understanding why edema in salvaged myocardium is difficult to detect by late gadolinium enhancement. Journal of Cardiovascular Magnetic Resonance, 2012, 14, .	1.6	5
96	Quantification of myocardium at risk in myocardial perfusion SPECT by coâ€registration and fusion with delayed contrastâ€enhanced magnetic resonance imaging â€“ an experimental ex vivo study. Clinical Physiology and Functional Imaging, 2012, 32, 33-38.	0.5	8
97	Optimal timing of hypothermia in relation to myocardial reperfusion. Basic Research in Cardiology, 2011, 106, 697-708.	2.5	36
98	Myocardial T1 and extracellular volume fraction mapping at 3 tesla. Journal of Cardiovascular Magnetic Resonance, 2011, 13, 75.	1.6	144
99	Edema by T2-weighted imaging in salvaged myocardium is extracellular, not intracellular. Journal of Cardiovascular Magnetic Resonance, 2011, 13, .	1.6	4
100	Myocardial T1 mapping with MRI: Comparison of lookâ€locker and MOLLI sequences. Journal of Magnetic Resonance Imaging, 2011, 34, 1367-1373.	1.9	98
101	Enlarged right-sided dimensions and fibrosis of the right ventricular insertion point on cardiovascular magnetic resonance imaging is seen early in patients with pulmonary arterial hypertension associated with connective tissue disease. Scandinavian Journal of Rheumatology, 2011, 40, 133-138.	0.6	17
102	Chronic non-transmural infarction has a delayed recovery of function following revascularization. BMC Cardiovascular Disorders, 2010, 10, 4.	0.7	6
103	Apyrase treatment of myocardial infarction according to a clinically applicable protocol fails to reduce myocardial injury in a porcine model. BMC Cardiovascular Disorders, 2010, 10, 1.	0.7	23
104	Design and validation of Segment - freely available software for cardiovascular image analysis. BMC Medical Imaging, 2010, 10, 1.	1.4	725
105	Agreement of left ventricular mass in steady state free precession and delayed enhancement MR images: implications for quantification of fibrosis in congenital and ischemic heart disease. BMC Medical Imaging, 2010, 10, 4.	1.4	7
106	The pulmonary blood density in newly diagnosed systemic sclerosis. Journal of Cardiovascular Magnetic Resonance, 2010, 12, .	1.6	0
107	Changes in cardiac pumping efficiency and intraâ€thoracic organ volume during negative pressure wound therapy of sternotomy wounds, assessment using magnetic resonance imaging. International Wound Journal, 2010, 7, 115-121.	1.3	3
108	A Pilot Study of Rapid Cooling by Cold Saline and Endovascular Cooling Before Reperfusion in Patients With ST-Elevation Myocardial Infarction. Circulation: Cardiovascular Interventions, 2010, 3, 400-407.	1.4	223

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109	Wound contraction and macro-deformation during negative pressure therapy of sternotomy wounds. Journal of Cardiothoracic Surgery, 2010, 5, 75.	0.4	19
110	Short-axis epicardial volume change is a measure of cardiac left ventricular short-axis function, which is independent of myocardial wall thickness. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H530-H535.	1.5	14
111	Pulmonary Blood Volume Variation Decreases after Myocardial Infarction in Pigs: A Quantitative and Noninvasive MR Imaging Measure of Heart Failure. Radiology, 2010, 256, 415-423.	3.6	26
112	An Improved Method for Automatic Segmentation of the Left Ventricle in Myocardial Perfusion SPECT. Journal of Nuclear Medicine, 2009, 50, 205-213.	2.8	31
113	Preventing heart injury during negative pressure wound therapy in cardiac surgery: Assessment using real-time magnetic resonance imaging. Journal of Thoracic and Cardiovascular Surgery, 2009, 138, 712-717.	0.4	38
114	Age and gender specific normal values of left ventricular mass, volume and function for gradient echo magnetic resonance imaging: a cross sectional study. BMC Medical Imaging, 2009, 9, 2.	1.4	169
115	Pulmonary intravascular blood volume changes through the cardiac cycle in healthy volunteers studied by cardiovascular magnetic resonance measurements of arterial and venous flow. Journal of Cardiovascular Magnetic Resonance, 2009, 11, 42.	1.6	28
116	Rapid short-duration hypothermia with cold saline and endovascular cooling before reperfusion reduces microvascular obstruction and myocardial infarct size. BMC Cardiovascular Disorders, 2008, 8, 7.	0.7	103
117	Endothelin receptor-mediated vasodilatation: Effects of organ culture. European Journal of Pharmacology, 2008, 579, 233-240.	1.7	16
118	PKC and MAPK signalling pathways regulate vascular endothelin receptor expression. European Journal of Pharmacology, 2008, 580, 190-200.	1.7	26
119	Topical negative pressure therapy of a sternotomy wound increases sternal fluid content but does not affect internal thoracic artery blood flow: Assessment using magnetic resonance imaging. Journal of Thoracic and Cardiovascular Surgery, 2008, 135, 1007-1013.	0.4	10
120	The relationship between left ventricular ejection fraction and infarct size assessed by MRI. Scandinavian Cardiovascular Journal, 2008, 42, 137-145.	0.4	13
121	Automated Quantification of Myocardial Infarction from MR Images by Accounting for Partial Volume Effects: Animal, Phantom, and Human Study. Radiology, 2008, 246, 581-588.	3.6	174
122	Automated calculation of infarct transmurality. , 2007, , .		1
123	The quantitative relationship between longitudinal and radial function in left, right, and total heart pumping in humans. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H636-H644.	1.5	158
124	Atrioventricular plane displacement is the major contributor to left ventricular pumping in healthy adults, athletes, and patients with dilated cardiomyopathy. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H1452-H1459.	1.5	207
125	The endocardial extent of reperfused first-time myocardial infarction is more predictive of pathologic Q waves than is infarct transmurality: a magnetic resonance imaging study. Clinical Physiology and Functional Imaging, 2007, 27, 101-108.	0.5	23
126	Physiological determinants of the variation in left ventricular mass from early adolescence to late adulthood in healthy subjects. Clinical Physiology and Functional Imaging, 2007, 27, 254-262.	0.5	20

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127	Hemodynamic effects of vacuum-assisted closure therapy in cardiac surgery: Assessment using magnetic resonance imaging. Journal of Thoracic and Cardiovascular Surgery, 2007, 133, 1154-1162.	0.4	43
128	A Paleolithic diet confers higher insulin sensitivity, lower C-reactive protein and lower blood pressure than a cereal-based diet in domestic pigs. Nutrition and Metabolism, 2006, 3, 39.	1.3	45
129	Infarct transmurality and adjacent segmental function as determinants of wall thickening in revascularized chronic ischemic heart disease. Clinical Physiology and Functional Imaging, 2005, 25, 209-214.	0.5	6
130	Center of volume and total heart volume variation in healthy subjects and patients before and after coronary bypass surgery. Clinical Physiology and Functional Imaging, 2005, 25, 226-233.	0.5	13
131	Quantitative polar representation of left ventricular myocardial perfusion, function and viability using SPECT and cardiac magnetic resonance: initial results. Clinical Physiology and Functional Imaging, 2005, 25, 215-222.	0.5	24
132	Physiological determinants of the variation in left ventricular mass from early adolescence to late adulthood in healthy subjects. Clinical Physiology and Functional Imaging, 2005, 25, 332-339.	0.5	15
133	Semi-automatic quantification of myocardial infarction from delayed contrast enhanced magnetic resonance imaging. Scandinavian Cardiovascular Journal, 2005, 39, 267-275.	0.4	86
134	Myocardial SPECT perfusion defect size compared to infarct size by delayed gadolinium-enhanced magnetic resonance imaging in patients with acute or chronic infarction. Clinical Physiology and Functional Imaging, 2004, 24, 380-386.	0.5	16
135	A method for assembling a collaborative research team from multiple disciplines and academic centers to study the relationships between ECG estimation and MRI measurement of myocardial infarct size. Journal of Electrocardiology, 2001, 34, 1-6.	0.4	11