

# Nadjia Kachenoura

## List of Publications by Year in descending order

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131  
papers

2,497  
citations

257357

24  
h-index

233338

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133  
all docs

133  
docs citations

133  
times ranked

3300  
citing authors

#	ARTICLE	IF	CITATIONS
1	Left ventricular diastolic early and late filling quantified from 4D flow magnetic resonance imaging. Diagnostic and Interventional Imaging, 2022, 103, 345-352.	1.8	8
2	Diastolic Function Assessment of Left and Right Ventricles by MRI in Systemic Sclerosis Patients. Journal of Magnetic Resonance Imaging, 2022, , .	1.9	1
3	Deep Learning-based Automated Aortic Area and Distensibility Assessment: the Multi-Ethnic Study of Atherosclerosis (MESA). Journal of Digital Imaging, 2022, 35, 594-604.	1.6	1
4	MRI for the assessment of aortic stiffness and pulsatile hemodynamics. , 2022, , 67-76.		2
5	Non-invasive evaluation of retinal vascular remodeling and hypertrophy in humans: intricate effect of ageing, blood pressure and glycaemia. Clinical Research in Cardiology, 2021, 110, 959-970.	1.5	8
6	Right ventricular diastolic function in aging: a head-to-head comparison between phase-contrast MRI and Doppler echocardiography. International Journal of Cardiovascular Imaging, 2021, 37, 663-674.	0.7	4
7	Quantitative MRI measures of three-dimensional aortic morphology in healthy aging and hypertension. Journal of Magnetic Resonance Imaging, 2021, 53, 1471-1483.	1.9	7
8	Comprehensive assessment of local and regional aortic stiffness in patients with tricuspid or bicuspid aortic valve aortopathy using magnetic resonance imaging. International Journal of Cardiology, 2021, 326, 206-212.	0.8	8
9	Adipose tissue fibrosis assessed by high resolution ex vivo MRI as a hallmark of tissue alteration in morbid obesity. Quantitative Imaging in Medicine and Surgery, 2021, 11, 2162-2168.	1.1	2
10	Imagerie par résonance magnétique cardiovasculaire et ses applications dans la cardiomyopathie diabétique. Medecine Des Maladies Metaboliques, 2021, 15, 260-266.	0.1	0
11	Multichamber Dysfunction in Children and Adolescents With Severe Obesity: A Cardiac Magnetic Resonance Imaging Myocardial Strain Study. Journal of Magnetic Resonance Imaging, 2021, 54, 1393-1403.	1.9	7
12	Abdominal adipose tissue components quantification in MRI as a relevant biomarker of metabolic profile. Magnetic Resonance Imaging, 2021, 80, 14-20.	1.0	4
13	Cardiac adipose tissue volume and IL-6 level at admission are complementary predictors of severity and short-term mortality in COVID-19 diabetic patients. Cardiovascular Diabetology, 2021, 20, 165.	2.7	14
14	Epicardial and Pericardial Adiposity Without Myocardial Steatosis in Cushing Syndrome. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 3505-3514.	1.8	4
15	B-011-04 ABLATION SCAR IN A SINGLE PULMONARY VEIN CAUSES PROARRHYTHMIC MECHANICAL DESTABILIZATION IN HEALTHY SHEEP ATRIA. Heart Rhythm, 2021, 18, S474.	0.3	0
16	B-PO01-013 ABLATION SCAR IN A SINGLE PULMONARY VEIN CAUSES PROARRHYTHMIC MECHANICAL DESTABILIZATION IN HEALTHY SHEEP ATRIA. Heart Rhythm, 2021, 18, S55-S56.	0.3	0
17	B-PO03-090 ABLATION SCAR CAUSES A DECREASE IN PULMONARY VEIN DIAMETER IN ATRIAL FIBRILLATION PATIENTS AND IN HEALTHY SHEEP. Heart Rhythm, 2021, 18, S225.	0.3	0
18	A left lateral body position increases pulmonary vein stress in healthy humans. Physiological Reports, 2021, 9, e15022.	0.7	3

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19	Reduction in left atrial and pulmonary vein dimensions after ablation therapy is mediated by scar. <i>IJC Heart and Vasculature</i> , 2021, 37, 100894.	0.6	2
20	Myocardial fibrosis assessed by magnetic resonance imaging in asymptomatic heterozygous familial hypercholesterolemia: the cholcoeur study. <i>EBioMedicine</i> , 2021, 74, 103735.	2.7	6
21	Temporal registration: a new approach to manage the incomplete recovery of the longitudinal magnetization in the Modified Look-Locker Inversion Recovery sequence (MOLLI) for T1 mapping of the heart. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 569-580.	1.1	2
22	Changes in segmental pulse wave velocity of the thoracic aorta with age and left ventricular remodelling. An MRI 4D flow study. <i>Journal of Hypertension</i> , 2020, 38, 118-126.	0.3	18
23	Aldosterone-Related Myocardial Extracellular Matrix Expansion in Hypertension in Humans. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2149-2159.	2.3	23
24	Variability of MRI Aortic Stiffness Measurements in a Multicenter Clinical Trial Setting: Intraobserver, Interobserver, and Intracenter Variability of Pulse Wave Velocity and Aortic Strain Measurement. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e190090.	0.9	7
25	Multiparametric Differentiation of Idiopathic Dilated Cardiomyopathy With and Without Congestive Heart Failure by Means of Cardiac and Hepatic T1-Weighted MRI Mapping. <i>American Journal of Roentgenology</i> , 2020, 215, 79-86.	1.0	9
26	Analysis of aortic pressure fields from 4D flow MRI in healthy volunteers: Associations with age and left ventricular remodeling. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 982-993.	1.9	17
27	Hemodynamic impact of coronary stenosis using computed tomography: comparison between noninvasive fractional flow reserve and 3D fusion of coronary angiography with stress myocardial perfusion. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 1733-1743.	0.7	4
28	Comparison of MR T1 and T2 mapping parameters to characterize myocardial and skeletal muscle involvement in systemic idiopathic inflammatory myopathy (IIM). <i>European Radiology</i> , 2019, 29, 5139-5147.	2.3	19
29	Left ventricular and proximal aorta coupling in magnetic resonance imaging: aging together?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H300-H307.	1.5	12
30	Early Myocardial Interstitial Fibrosis In Heterozygous Familial Hypercholesterolemia. <i>Atherosclerosis</i> , 2019, 287, e42.	0.4	0
31	INDEPENDENT EFFECT OF HIGH BLOOD PRESSURE AND HYPERGLYCEMIA ON DIAMETER AND WALL THICKNESS OF RETINAL MICROCIRCULATION EVALUATED WITH ADAPTIVE OPTICS IN HUMANS. <i>Journal of Hypertension</i> , 2019, 37, e73.	0.3	2
32	Comparison of different methods for the estimation of aortic pulse wave velocity from 4D flow cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 75.	1.6	26
33	Impact of simultaneous measurement of central blood pressure with the SphygmoCor Xcel during MRI acquisition to better estimate aortic distensibility. <i>Journal of Hypertension</i> , 2019, 37, 1448-1454.	0.3	9
34	Imaging Insights on the Aorta in Aging. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e005617.	1.3	44
35	Differential impact of local and regional aortic stiffness on left ventricular remodeling. <i>Journal of Hypertension</i> , 2018, 36, 552-559.	0.3	14
36	Fusion of Three-Dimensional Echocardiographic Regional Myocardial Strain with Cardiac Computed Tomography for Noninvasive Evaluation of the Hemodynamic Impact of Coronary Stenosis in Patients with Chest Pain. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 664-673.	1.2	22

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37	Cardiac MR Strain: A Noninvasive Biomarker of Fibrofatty Remodeling of the Left Atrial Myocardium. <i>Radiology</i> , 2018, 286, 83-92.	3.6	38
38	RETINAL ARTERIOLAR MICRO-CONSTRICTIONS EVALUATED WITH ADAPTIVE OPTICS. <i>Journal of Hypertension</i> , 2018, 36, e116-e117.	0.3	0
39	ADAPTIVE OPTICS CAMERA ENABLES TO DESCRIBE DIFFERENT PATTERNS OF RETINAL VASCULATURE IN HYPERTENSION AND TYPE 2 DIABETES. <i>Journal of Hypertension</i> , 2018, 36, e223.	0.3	0
40	Differentiation and quantification of fibrosis, fat and fatty fibrosis in human left atrial myocardium using ex vivo MRI. <i>PLoS ONE</i> , 2018, 13, e0205104.	1.1	16
41	3D aortic morphology and stiffness in MRI using semi-automated cylindrical active surface provides optimized description of the vascular effects of aging and hypertension. <i>Computers in Biology and Medicine</i> , 2018, 103, 101-108.	3.9	12
42	Non-invasive differentiation of idiopathic inflammatory myopathy with cardiac involvement from acute viral myocarditis using cardiovascular magnetic resonance imaging T1 and T2 mapping. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 11.	1.6	42
43	Scan-rescan reproducibility of ventricular and atrial MRI feature tracking strain. <i>Computers in Biology and Medicine</i> , 2018, 92, 197-203.	3.9	26
44	Impaired atrioventricular transport in patients with transposition of the great arteries palliated by atrial switch and preserved systolic right ventricular function: A magnetic resonance imaging study. <i>Congenital Heart Disease</i> , 2017, 12, 458-466.	0.0	10
45	[OP.2C.04] RETINAL ARTERIOLES REMODELING ASSESSED BY ADAPTIVE OPTICS IN ELDERLY HYPERTENSIVES WITH CONTROLLED BLOOD PRESSURE. <i>Journal of Hypertension</i> , 2017, 35, e18-e19.	0.3	0
46	[OP.6B.05] ALDOSTERONE PROMOTES MYOCARDIAL EXTRA-CELLULAR MATRIX REMODELING QUANTIFIED BY MAGNETIC RESONANCE IMAGING IN HUMANS INDEPENDENT FROM THE EFFET OF BLOOD PRESSURE. <i>Journal of Hypertension</i> , 2017, 35, e59.	0.3	0
47	Effects of cortisol on the heart: characterization of myocardial involvement in cushing's disease by longitudinal cardiac MRI T1 mapping. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 147-156.	1.9	14
48	New estimate of valvuloarterial impedance in aortic valve stenosis: A cardiac magnetic resonance study. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 795-803.	1.9	11
49	Relative Aortic Blood Pressure Using 4D Flow MRI: Associations with Age and Aortic Tapering. , 2017, , .		1
50	Effects of age, blood pressure and antihypertensive treatments on retinal arterioles remodeling assessed by adaptive optics. <i>Journal of Hypertension</i> , 2016, 34, 1115-1122.	0.3	55
51	Impact of obesity and epicardial fat on early left atrial dysfunction assessed by cardiac MRI strain analysis. <i>Cardiovascular Diabetology</i> , 2016, 15, 164.	2.7	28
52	Relationships between retinal arteriole anatomy and aortic geometry and function and peripheral resistance in hypertensives. <i>Hypertension Research</i> , 2016, 39, 536-542.	1.5	17
53	Non-invasive assessment of the haemodynamic significance of coronary stenosis using fusion of cardiac computed tomography and 3D echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 18, jew147.	0.5	19
54	[OP.5B.04] IMPACT OF SIMULTANEOUS CENTRAL BLOOD PRESSURE MEASUREMENTS DURING AORTIC STRAIN MAGNETIC RESONANCE IMAGING. <i>Journal of Hypertension</i> , 2016, 34, e58.	0.3	0

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55	[OP.5A.02] SHORT AND LONG-TERM EFFECTS OF ANTIHYPERTENSIVE TREATMENT ON HUMAN RETINAL ARTERIOLE REMODELING EVALUATED WITH ADAPTIVE OPTICS CAMERA. <i>Journal of Hypertension</i> , 2016, 34, e54.	0.3	1
56	[PP.12.07] EFFECTS OF AGE, BLOOD PRESSURE AND ANTIHYPERTENSIVE TREATMENTS ON RETINAL ARTERIOLES REMODELING ASSESSED BY ADAPTIVE OPTICS. <i>Journal of Hypertension</i> , 2016, 34, e185-e186.	0.3	0
57	ISH NIA PS 01-10 Short and Long-Term Effects of Antihypertensive Treatment on Human Retinal Arteriole Remodeling Evaluated with Adaptive Optics Camera. <i>Journal of Hypertension</i> , 2016, 34, e277.	0.3	0
58	Magnetic resonance and applanation tonometry for noninvasive determination of left ventricular load and ventricular vascular coupling in the time and frequency domain. <i>Journal of Hypertension</i> , 2016, 34, 1099-1108.	0.3	19
59	Abnormalities in aortic properties: a potential link between left ventricular diastolic function and ventricular-aortic coupling in sickle cell disease. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 965-973.	0.7	1
60	Left atrial aging: a cardiac magnetic resonance feature-tracking study. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H542-H549.	1.5	43
61	Three-dimensional quantification of myocardial perfusion during regadenoson stress computed tomography. <i>European Journal of Radiology</i> , 2016, 85, 885-892.	1.2	4
62	7C.08. <i>Journal of Hypertension</i> , 2015, 33, e98.	0.3	0
63	CO-01: Retinal arterioles remodeling evaluated by adaptive optics camera in humans and its relationships with age, blood pressure and cardio-vascular risk factors. <i>Annales De Cardiologie Et D'Angiologie</i> , 2015, 64, S3.	0.3	0
64	Inter-study repeatability of left ventricular strain measurement using feature tracking on MRI cine images. , 2015, , .		1
65	MR and applanation tonometry derived aortic impedance: Association with aging and left ventricular remodeling. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 781-787.	1.9	17
66	PP.06.33. <i>Journal of Hypertension</i> , 2015, 33, e186-e187.	0.3	0
67	Kinetic index combining native and postcontrast myocardial T1 in hypertrophic cardiomyopathy. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 1713-1722.	1.9	5
68	How to estimate aortic characteristic impedance from magnetic resonance and applanation tonometry data?. <i>Journal of Hypertension</i> , 2015, 33, 575-583.	0.3	22
69	Reply. <i>Journal of the American College of Cardiology</i> , 2015, 65, 2262-2264.	1.2	1
70	Estimation of aortic pulse wave transit time in MRI using complex wavelet cross-spectrum analysis. , 2015, , .		0
71	Right ventricular diastolic function evaluation in magnetic resonance imaging. , 2015, , .		0
72	Left atrium MRI 4D-flow in atrial fibrillation: Association with LA function. , 2015, , .		2

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73	Left ventricular-aortic coupling in sickle cell disease underlies diastolic dysfunction. , 2015, , .		0
74	Age-specific changes in left ventricular diastolic function: A velocity-encoded magnetic resonance imaging study. <i>European Radiology</i> , 2015, 25, 1077-1086.	2.3	16
75	Assessment of left atrial function by MRI myocardial feature tracking. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 379-389.	1.9	56
76	Relations between retinal arterioles anatomy and large artery geomtry and function and peripheral resistance in hypertensives. <i>Atherosclerosis</i> , 2015, 241, e50.	0.4	0
77	Associations between native myocardial T1 and diastolic function evaluated by PC-CMR in patients with severe aortic valve stenosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, Q18.	1.6	0
78	Estimation of aortic pulse wave transit time in cardiovascular magnetic resonance using complex wavelet cross-spectrum analysis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 65.	1.6	26
79	Pixel-wise absolute pressures in the aortic arch from 3D MRI velocity data and carotid artery applanation tonometry. , 2014, 2014, 5105-8.		1
80	Cardiac Structure and Function in Cushing's Syndrome: A Cardiac Magnetic Resonance Imaging Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2144-E2153.	1.8	65
81	Geometry is a major determinant of flow reversal in proximal aorta. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H1408-H1416.	1.5	45
82	Proximal Aortic Distensibility Is an Independent Predictor of All-Cause Mortality and Incident CV Events. <i>Journal of the American College of Cardiology</i> , 2014, 64, 2619-2629.	1.2	161
83	Analysis of myocardial perfusion from vasodilator stress computed tomography: Does improvement in image quality by iterative reconstruction lead to improved diagnostic accuracy?. <i>Journal of Cardiovascular Computed Tomography</i> , 2014, 8, 238-245.	0.7	20
84	Descending aorta subject-specific one-dimensional model validated against in vivo data. <i>Journal of Biomechanics</i> , 2014, 47, 424-431.	0.9	15
85	Left atrium wall tracking from MR images for strain assessment. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2014, 17, 14-15.	0.9	1
86	Comparison of various methods for quantitative evaluation of myocardial infarct volume from magnetic resonance delayed enhancement data. <i>International Journal of Cardiology</i> , 2013, 167, 739-744.	0.8	21
87	Structure and function of the ascending aorta in palliated transposition of the great arteries. <i>International Journal of Cardiology</i> , 2013, 165, 458-462.	0.8	11
88	Numerical modeling of arterial pulse wave propagation to characterize aortic hemodynamic: Validation using magnetic resonance data. <i>Irjm</i> , 2013, 34, 86-89.	3.7	5
89	Evaluation of Aortic Valve Stenosis Using Cardiovascular Magnetic Resonance. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 604-612.	1.3	41
90	Quantitative Three-Dimensional Evaluation of Myocardial Perfusion During Regadenoson Stress Using Multidetector Computed Tomography. <i>Journal of Computer Assisted Tomography</i> , 2012, 36, 443-449.	0.5	16

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91	Age-Related Changes in Aortic Arch Geometry. Journal of the American College of Cardiology, 2011, 58, 1262-1270.	1.2	246
92	Detection of myocardial perfusion abnormalities using ultra-low radiation dose regadenoson stress multidetector computed tomography. Journal of Cardiovascular Computed Tomography, 2011, 5, 247-254.	0.7	35
93	Consistency of aortic distensibility and pulse wave velocity estimates with respect to the Bramwell-Hill theoretical model: a cardiovascular magnetic resonance study. Journal of Cardiovascular Magnetic Resonance, 2011, 13, 11.	1.6	71
94	Measurement of aortic arch pulse wave velocity in cardiovascular MR: Comparison of transit time estimators and description of a new approach. Journal of Magnetic Resonance Imaging, 2011, 33, 1321-1329.	1.9	65
95	Automated estimation of aortic strain from steady-state free precession and phase contrast MR images. Magnetic Resonance in Medicine, 2011, 65, 986-993.	1.9	36
96	Evaluation of an edge-based registration method: application to magnetic resonance first-pass myocardial perfusion data. Magnetic Resonance Imaging, 2011, 29, 853-860.	1.0	9
97	An automatic respiratory gating method for the improvement of microcirculation evaluation: application to contrast-enhanced ultrasound studies of focal liver lesions. Physics in Medicine and Biology, 2011, 56, 5153-5165.	1.6	29
98	Signal-to-Noise Ratio Improvement in Dynamic Contrast-enhanced CT and MR Imaging with Automated Principal Component Analysis Filtering. Radiology, 2011, 258, 435-445.	3.6	20
99	Volumetric quantification of myocardial perfusion using analysis of multi-detector computed tomography 3D datasets: comparison with nuclear perfusion imaging. European Radiology, 2010, 20, 337-347.	2.3	21
100	Automated segmentation of the aorta from phase contrast MR images: Validation against expert tracing in healthy volunteers and in patients with a dilated aorta. Journal of Magnetic Resonance Imaging, 2010, 31, 881-888.	1.9	88
101	Automated left ventricular diastolic function evaluation from phase-contrast cardiovascular magnetic resonance and comparison with Doppler echocardiography. Journal of Cardiovascular Magnetic Resonance, 2010, 12, 63.	1.6	63
102	Reduced Ascending Aortic Strain and Distensibility. Hypertension, 2010, 55, 319-326.	1.3	318
103	Automated evaluation of left ventricular diastolic function using velocity-encoded Magnetic Resonance Imaging: Conventional and new parameters. , 2010, , .		0
104	An automated four-point scale scoring of segmental wall motion in echocardiography using quantified parametric images. Physics in Medicine and Biology, 2010, 55, 5753-5766.	1.6	9
105	An automated quantification of the transmural myocardial infarct extent using cardiac DE-MR images. , 2009, 2009, 4403-6.		19
106	Combined Assessment of Coronary Anatomy and Myocardial Perfusion Using Multidetector Computed Tomography for the Evaluation of Coronary Artery Disease. American Journal of Cardiology, 2009, 103, 1487-1494.	0.7	45
107	Automated estimation of regional mean transition times and radial velocities from cine magnetic resonance images: Evaluation in normal subjects. Journal of Magnetic Resonance Imaging, 2009, 30, 236-242.	1.9	11
108	Quantification automatisée de la transmuralité de l'infarctus du myocarde sur des images de rehaussement tardif en IRM. Irbm, 2009, 30, 184-187.	3.7	0

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109	Value of multidetector computed tomography evaluation of myocardial perfusion in the assessment of ischemic heart disease: comparison with nuclear perfusion imaging. <i>European Radiology</i> , 2009, 19, 1897-1905.	2.3	24
110	Diagnostic Value of Parametric Imaging of Left Ventricular Wall Motion From Contrast-Enhanced Echocardiograms in Patients With Poor Acoustic Windows. <i>Journal of the American Society of Echocardiography</i> , 2009, 22, 276-283.	1.2	6
111	Semi-automated cardiac segmentation on cine magnetic resonance images using GVF-Snake deformable models. , 2009, , .		17
112	Robust assessment of the transmural extent of myocardial infarction in late gadolinium-enhanced MRI studies using appropriate angular and circumferential subdivision of the myocardium. <i>European Radiology</i> , 2008, 18, 2140-2147.	2.3	25
113	Multidetector computed tomography evaluation of left ventricular volumes: Sources of error and guidelines for their minimization. <i>Journal of Cardiovascular Computed Tomography</i> , 2008, 2, 222-230.	0.7	23
114	Quantification of myocardial perfusion using multi-detector computed tomography: Validation against invasive coronary angiography. , 2008, , .		1
115	Quantification of myocardial edema and necrosis during acute myocardial infarction. , 2008, , .		3
116	An automated evaluation of regional left ventricular function on cine magnetic resonance images. , 2008, , .		2
117	Diagnostic value of parametric imaging of left ventricular wall motion from contrast-enhanced echocardiograms in patients with poor acoustic windows. , 2008, , .		2
118	Automatic Detection of End Systole within a Sequence of Left Ventricular Echocardiographic Images using Autocorrelation and Mitral Valve Motion Detection. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 4504-7.	0.5	19
119	Interobserver Variability in Assessing Segmental Function can be Reduced by Combining Visual Analysis of CMR Cine Sequences with Corresponding Parametric Images of Myocardial Contraction. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2007, 9, 863-872.	1.6	18
120	Comparison of three methods to estimate regional wall motion on the Evalechocard database of echocardiographic image sequences. , 2007, , .		0
121	Evaluation of regional myocardial function using automated wall motion analysis of cine MR images: Contribution of parametric images, contraction times, and radial velocities. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 1127-1132.	1.9	18
122	Approche quantitative pour l'Évaluation de l'Étendue de l'infarctus À partir des images de rehaussement tardif en IRM. <i>IRBM News</i> , 2005, 26, 255-257.	0.1	0
123	Assessment of left ventricular contraction by parametric analysis of main motion (PAMM): theory and application for echocardiography. <i>Physics in Medicine and Biology</i> , 2005, 50, 3277-3296.	1.6	34
124	Quantification of parametric images to assess segmental wall motion of the left ventricle in echocardiography. , 2005, , .		1
125	Quantitative assessment of the infarct transmuralty using delayed contrast enhanced magnetic resonance images: description and validation. , 2005, , .		1
126	Parametric analysis of main motion: application to the assessment of left ventricular wall motion by MR imaging. , 0, , .		0



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127	Using Cine MR Images to Evaluate Myocardial Infarct Transmurality on Delayed Enhancement Images. , 0, , .		3
128	Assessment of Aortic Pulse Wave Velocity Using 4D Flow Magnetic Resonance Imaging: Methods Comparison. , 0, , .		1
129	The Differential Meaning of LV and LA Strains in Aortic Valve Stenosis: A Feature Tracking MRI Study. , 0, , .		0
130	Development of a New Approach for the Assessment of Complex Blood Flow Patterns in the Left Atrium From 4D Flow MRI. , 0, , .		0
131	Evaluation of Left Ventricular Diastolic Function Using 4D Flow Magnetic Resonance Imaging. , 0, , .		0