Liang Zhong

List of Publications by Year
in descending order

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140	2,789	172457	233421
papers	citations	29 h-index	45 g-index

147	147	147	3141
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The electronic stethoscope. BioMedical Engineering OnLine, 2015, 14, 66.	2.7	180
2	Microvesicles Derived from Human Umbilical Cord Mesenchymal Stem Cells Facilitate Tubular Epithelial Cell Dedifferentiation and Growth via Hepatocyte Growth Factor Induction. PLoS ONE, 2015, 10, e0121534.	2.5	114
3	The Anti-Oxidative Role of Micro-Vesicles Derived from Human Wharton-Jelly Mesenchymal Stromal Cells through NOX2/gp91(phox) Suppression in Alleviating Renal Ischemia-Reperfusion Injury in Rats. PLoS ONE, 2014, 9, e92129.	2.5	104
4	Assessment of mitral valve regurgitation by cardiovascular magnetic resonance imaging. Nature Reviews Cardiology, 2020, 17, 298-312.	13.7	103
5	Left ventricular regional wall curvedness and wall stress in patients with ischemic dilated cardiomyopathy. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H573-H584.	3.2	79
6	Heart blood flow simulation: a perspective review. BioMedical Engineering OnLine, 2016, 15, 101.	2.7	78
7	Application of Patient-Specific Computational Fluid Dynamics in Coronary and Intra-Cardiac Flow Simulations: Challenges and Opportunities. Frontiers in Physiology, 2018, 9, 742.	2.8	77
8	The numerical analysis of non-Newtonian blood flow in human patient-specific left ventricle. Computer Methods and Programs in Biomedicine, 2016, 127, 232-247.	4.7	70
9	Perspective on CFD studies of coronary artery disease lesions and hemodynamics: A review. International Journal for Numerical Methods in Biomedical Engineering, 2014, 30, 659-680.	2.1	69
10	Right ventricular regional wall curvedness and area strain in patients with repaired tetralogy of Fallot. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H1306-H1316.	3.2	59
11	Numerical simulation of patient-specific left ventricular model with both mitral and aortic valves by FSI approach. Computer Methods and Programs in Biomedicine, 2014, 113, 474-482.	4.7	59
12	Validation of a rapid semi-automated method to assess left atrial longitudinal phasic strains on cine cardiovascular magnetic resonance imaging. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 71.	3.3	57
13	Normal Values of Myocardial Deformation Assessed by Cardiovascular Magnetic Resonance Feature Tracking in a Healthy Chinese Population: A Multicenter Study. Frontiers in Physiology, 2018, 9, 1181.	2.8	48
14	Impaired Cardiovascular Magnetic Resonanceâ€“Derived Rapid Semiautomated Right Atrial Longitudinal Strain Is Associated With Decompensated Hemodynamics in Pulmonary Arterial Hypertension. Circulation: Cardiovascular Imaging, 2019, 12, e008582.	2.6	48
15	Validation of a novel noninvasive cardiac index of left ventricular contractility in patients. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H2764-H2772.	3.2	45
16	NK Cell Regulatory Property is Involved in the Protective Role of MSC-Derived Extracellular Vesicles in Renal Ischemic Reperfusion Injury. Human Gene Therapy, 2016, 27, 926-935.	2.7	45
17	Image-based computational assessment of vascular wall mechanics and hemodynamics in pulmonary arterial hypertension patients. Journal of Biomechanics, 2018, 68, 84-92.	2.1	44
18	Simplified Models of Non-Invasive Fractional Flow Reserve Based on CT Images. PLoS ONE, 2016, 11, e0153070.	2.5	44

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19	Long-term Prognostic Value of Cardiac MRI Left Atrial Strain in ST-Segment Elevation Myocardial Infarction. Radiology, 2020, 296, 299-309.	7.3	43
20	Nonalcoholic fatty liver disease: Quantitative assessment of liver fat content by computed tomography, magnetic resonance imaging and proton magnetic resonance spectroscopy. Journal of Digestive Diseases, 2009, 10, 315-320.	1.5	41
21	Passive and active ventricular elastances of the left ventricle. BioMedical Engineering OnLine, 2005, 4, 10.	2.7	39
22	Hemodynamic analysis of patientâ€specific coronary artery tree. International Journal for Numerical Methods in Biomedical Engineering, 2015, 31, e02708.	2.1	38
23	Cardiac MRI based numerical modeling of left ventricular fluid dynamics with mitral valve incorporated. Journal of Biomechanics, 2016, 49, 1199-1205.	2.1	38
24	Intracardiac 4D Flow MRI in Congenital Heart Disease: Recommendations on Behalf of the ISMRM Flow & Motion Study Group. Journal of Magnetic Resonance Imaging, 2019, 50, spcone.	3.4	35
25	Effects of Surgical Ventricular Restoration on Left Ventricular Contractility Assessed by a Novel Contractility Index in Patients With Ischemic Cardiomyopathy. American Journal of Cardiology, 2009, 103, 674-679.	1.6	33
26	Patient-Specific Computational Analysis of Ventricular Mechanics in Pulmonary Arterial Hypertension. Journal of Biomechanical Engineering, 2016, 138, .	1.3	32
27	Three-Dimensional Tricuspid Annular Motion Analysis from Cardiac Magnetic Resonance Feature-Tracking. Annals of Biomedical Engineering, 2016, 44, 3522-3538.	2.5	32
28	Intracardiac 4D Flow MRI in Congenital Heart Disease: Recommendations on Behalf of the ISMRM Flow & Motion Study Group. Journal of Magnetic Resonance Imaging, 2019, 50, 677-681.	3.4	32
29	Preoperative evaluation of pancreaticobiliary tumor using MR multi-imaging techniques. World Journal of Gastroenterology, 2005, 11, 3756.	3.3	31
30	Comprehensive miRNA Analysis of Human Umbilical Cord-Derived Mesenchymal Stromal Cells and Extracellular Vesicles. Kidney and Blood Pressure Research, 2018, 43, 152-161.	2.0	30
31	Efficient estimation of personalized biventricular mechanical function employing gradientâ€based optimization. International Journal for Numerical Methods in Biomedical Engineering, 2018, 34, e2982.	2.1	30
32	A curvature-based approach for left ventricular shape analysis from cardiac magnetic resonance imaging. Medical and Biological Engineering and Computing, 2009, 47, 313-322.	2.8	29
33	A geometrical approach for evaluating left ventricular remodeling in myocardial infarct patients. Computer Methods and Programs in Biomedicine, 2012, 108, 500-510.	4.7	28
34	Automated quantitative assessment of cardiovascular magnetic resonance-derived atrioventricular junction velocities. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H1923-H1935.	3.2	27
35	Efficacy of intramyocardial injection of Algisyl-LVR for the treatment of ischemic heart failure in swine. International Journal of Cardiology, 2018, 255, 129-135.	1.7	27
36	Propofol exposure during late stages of pregnancy impairs learning and memory in rat offspring via the <scp>BDNF</scp>â€TrkB signalling pathway. Journal of Cellular and Molecular Medicine, 2016, 20, 1920-1931.	3.6	24

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37	Dissecting Clinical and Metabolomics Associations of Left Atrial Phasic Function by Cardiac Magnetic Resonance Feature Tracking. Scientific Reports, 2018, 8, 8138.	3.3	24
38	Standard and emerging CMR methods for mitral regurgitation quantification. International Journal of Cardiology, 2021, 331, 316-321.	1.7	24
39	Imaging diagnosis of pancreato-biliary diseases: A control study. World Journal of Gastroenterology, 2003, 9, 2824.	3.3	24
40	Fast long-axis strain: a simple, automatic approach for assessing left ventricular longitudinal function with cine cardiovascular magnetic resonance. European Radiology, 2020, 30, 3672-3683.	4.5	23
41	Automatic Localization of the Left Ventricle from Cardiac Cine Magnetic Resonance Imaging: A New Spectrum-Based Computer-Aided Tool. PLoS ONE, 2014, 9, e92382.	2.5	22
42	Numerical investigation of blood flow in three-dimensional porcine left anterior descending artery with various stenoses. Computers in Biology and Medicine, 2014, 47, 130-138.	7.0	22
43	Multicenter Consistency Assessment of Valvular Flow Quantification With AutomatedÂValve Tracking in 4D Flow CMR. JACC: Cardiovascular Imaging, 2021, 14, 1354-1366.	5.3	21
44	In-silico assessment of the effects of right ventricular assist device on pulmonary arterial hypertension using an image based biventricular modeling framework. Mechanics Research Communications, 2019, 97, 101-111.	1.8	20
45	Clinical application of hepatic CT perfusion. World Journal of Gastroenterology, 2009, 15, 907.	3.3	20
46	Numerical Simulation and Clinical Implications of Stenosis in Coronary Blood Flow. BioMed Research International, 2014, 2014, 1-10.	1.9	19
47	Three-dimensional diastolic blood flow in the left ventricle. Journal of Biomechanics, 2017, 50, 71-76.	2.1	19
48	Imaging 4D morphology and dynamics of mitral annulus in humans using cardiac cine MR feature tracking. Scientific Reports, 2018, 8, 81.	3.3	19
49	Magnetic resonance cholangiopancreatography. Chinese Journal of Digestive Diseases, 2004, 5, 139-148.	1.0	18
50	Myocardial contractile dysfunction associated with increased 3-month and 1-year mortality in hospitalized patients with heart failure and preserved ejection fraction. International Journal of Cardiology, 2013, 168, 1975-1983.	1.7	18
51	How to Measure the Aorta Using MRI: A Practical Guide. Journal of Magnetic Resonance Imaging, 2020, 52, 971-977.	3.4	17
52	Numerical Modeling of Intraventricular Flow during Diastole after Implantation of BMHV. PLoS ONE, 2015, 10, e0126315.	2.5	17
53	Two-dimensional intraventricular flow pattern visualization using the image-based computational fluid dynamics. Computer Methods in Biomechanics and Biomedical Engineering, 2017, 20, 492-507.	1.6	16
54	Computational quantification of patient-specific changes in ventricular dynamics associated with pulmonary hypertension. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H1363-H1375.	3.2	16

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55	Metabolomic correlates of aerobic capacity among elderly adults. Clinical Cardiology, 2018, 41, 1300-1307.	1.8	15
56	Right-left ventricular shape variations in tetralogy of Fallot: associations with pulmonary regurgitation. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 105.	3.3	15
57	Ventricular flow analysis and its association with exertional capacity in repaired tetralogy of Fallot: 4D flow cardiovascular magnetic resonance study. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 4.	3.3	15
58	Kinematic, Dynamic, and Energy Characteristics of Diastolic Flow in the Left Ventricle. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-12.	1.3	14
59	Cardiac image segmentation by random walks with dynamic shape constraint. IET Computer Vision, 2016, 10, 79-86.	2.0	14
60	Advanced analyses of computed tomography coronary angiography can help discriminate ischemic lesions. International Journal of Cardiology, 2018, 267, 208-214.	1.7	14
61	Left Ventricular Wall Stress Is Sensitive Marker of Hypertrophic Cardiomyopathy With Preserved Ejection Fraction. Frontiers in Physiology, 2018, 9, 250.	2.8	14
62	Cardiovascular magnetic resonanceâ€assessed fast global longitudinal strain parameters add diagnostic and prognostic insights in right ventricular volume and pressure loading disease conditions. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 38.	3.3	14
63	Left ventricular shape-based contractility index. Journal of Biomechanics, 2006, 39, 2397-2409.	2.1	13
64	Explaining Left Ventricular Pressure Dynamics in Terms of LV Passive and Active Elastances. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2006, 220, 647-655.	1.8	13
65	Automatic 4D Reconstruction of Patient-Specific Cardiac Mesh with 1-to-1 Vertex Correspondence from Segmented Contours Lines. PLoS ONE, 2014, 9, e93747.	2.5	13
66	Patient-specific blood flows and vortex formations in patients with hypertrophic cardiomyopathy using computational fluid dynamics. , 2014, , .		13
67	Regional ejection fraction and regional area strain for left ventricular function assessment in male patients after first-time myocardial infarction. Journal of the Royal Society Interface, 2015, 12, 20150006.	3.4	12
68	Combined diagnostic performance of coronary computed tomography angiography and computed tomography derived fractional flow reserve for the evaluation of myocardial ischemia: A meta-analysis. International Journal of Cardiology, 2017, 236, 100-106.	1.7	12
69	Quantification of Biventricular Strains in Heart Failure With Preserved Ejection Fraction Patient Using Hyperelastic Warping Method. Frontiers in Physiology, 2018, 9, 1295.	2.8	12
70	Amino acid differences between diabetic older adults and non-diabetic older adults and their associations with cardiovascular function. Journal of Molecular and Cellular Cardiology, 2021, 158, 63-71.	1.9	12
71	Preoperative diagnosis of gastric cancer using 2-D magnetic resonance imaging with 3-D reconstruction techniques. Chinese Journal of Digestive Diseases, 2005, 6, 159-164.	1.0	11
72	Fast Marching and Rungeâ€“Kutta Based Method for Centreline Extraction of Right Coronary Artery in Human Patients. Cardiovascular Engineering and Technology, 2016, 7, 159-169.	1.6	11

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73	Assessment of left ventricular preload by cardiac magnetic resonance imaging predicts exercise capacity in adult operated tetralogy of Fallot: a retrospective study. BMC Cardiovascular Disorders, 2014, 14, 122.	1.7	10
74	Left Ventricular Blood Flow Kinetic Energy Assessment by 4D Flow Cardiovascular Magnetic Resonance: A Systematic Review of the Clinical Relevance. Journal of Cardiovascular Development and Disease, 2020, 7, 37.	1.6	10
75	Exacerbation of cardiovascular ageing by diabetes mellitus and its associations with acyl-carnitines. Aging, 2021, 13, 14785-14805.	3.1	10
76	Impact of age, sex and ethnicity on intra-cardiac flow components and left ventricular kinetic energy derived from 4D flow CMR. International Journal of Cardiology, 2021, 336, 105-112.	1.7	10
77	Detection of persistent systolic and diastolic abnormalities in asymptomatic pediatric repaired tetralogy of Fallot patients with preserved ejection fraction: a CMR feature tracking study. European Radiology, 2021, 31, 6156-6168.	4.5	10
78	Magnetic resonance imaging in the detection of pancreatic neoplasms. Journal of Digestive Diseases, 2007, 8, 128-132.	1.5	9
79	Coronary artery segmentation via Hessian filter and curve-skeleton extraction. , 2014, , .		9
80	Analysis of three-dimensional endocardial and epicardial strains from cardiac magnetic resonance in healthy subjects and patients with hypertrophic cardiomyopathy. Medical and Biological Engineering and Computing, 2018, 56, 159-172.	2.8	9
81	Computational Platform Based on Deep Learning for Segmenting Ventricular Endocardium in Long-axis Cardiac MR Imaging. , 2018, 2018, 4500-4503.		9
82	Stent malapposition generates stent thrombosis: Insights from a thrombosis model. International Journal of Cardiology, 2022, 353, 43-45.	1.7	9
83	A Geometrical Approach for Automatic Shape Restoration of the Left Ventricle. PLoS ONE, 2013, 8, e68615.	2.5	8
84	Validation of right coronary artery lumen area from cardiac computed tomography against intravascular ultrasound. Machine Vision and Applications, 2018, 29, 1287-1298.	2.7	8
85	Patient-Specific Computational Analysis of Hemodynamics and Wall Mechanics and Their Interactions in Pulmonary Arterial Hypertension. Frontiers in Bioengineering and Biotechnology, 2020, 8, 611149.	4.1	8
86	Attenuation of stress-based ventricular contractility in patients with heart failure and normal ejection fraction. Annals of the Academy of Medicine, Singapore, 2011, 40, 179-85.	0.4	8
87	Effects of age and gender on left atrial ejection force and volume from real-time three-dimensional echocardiography. Annals of the Academy of Medicine, Singapore, 2012, 41, 161-9.	0.4	8
88	Age and gender â€" Specific changes in left ventricular systolic function in human volunteers. International Journal of Cardiology, 2014, 172, e102-e105.	1.7	7
89	Ventricular Assist Devices: Current State and Challenges. Journal of Medical Devices, Transactions of the ASME, 2017, 11, .	0.7	7
90	Three-dimensional biventricular strains in pulmonary arterial hypertension patients using hyperelastic warping. Computer Methods and Programs in Biomedicine, 2020, 189, 105345.	4.7	7

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91	Diagnostic Performance of Fractional Flow Reserve From CT Coronary Angiography With Analytical Method. Frontiers in Cardiovascular Medicine, 2021, 8, 739633.	2.4	7
92	Comparison of Image Acquisition Techniques in Four-Dimensional Flow Cardiovascular MR on 3 Tesla in Volunteers and Tetralogy of Fallot Patients. , 2018, 2018, 1115-1118.		6
93	Multi-dimensional proprio-proximus machine learning for assessment of myocardial infarction. Computerized Medical Imaging and Graphics, 2018, 70, 63-72.	5.8	6
94	Quantification of effects of mean blood pressure and left ventricular mass on noninvasive fast fractional flow reserve. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 319, H360-H369.	3.2	6
95	Regional Assessment of Left Ventricular Surface Shape from Magnetic Resonance Imaging. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 884-7.	0.5	5
96	Computer-based assessment of ventricular mechanical synchrony from magnetic resonance imaging. , 2015, 2015, 6536-9.		5
97	A Multi-channel Deep Learning Approach for Segmentation of the Left Ventricular Endocardium from Cardiac Images. , 2019, 2019, 4016-4019.		5
98	Feasibility and validation of trans-valvular flow derived by four-dimensional flow cardiovascular magnetic resonance imaging in pacemaker recipients. Magnetic Resonance Imaging, 2020, 74, 46-55.	1.8	5
99	Computed Tomography Coronary Angiography and Computational Fluid Dynamics Based Fractional Flow Reserve Before and After Percutaneous Coronary Intervention. Frontiers in Bioengineering and Biotechnology, 2021, 9, 739667.	4.1	5
100	Sex differences in assessing stenosis severity between physician visual assessment and quantitative coronary angiography. International Journal of Cardiology, 2022, 348, 9-14.	1.7	5
101	MEASURES AND INDICES FOR INTRINSIC CHARACTERIZATION OF CARDIAC DYSFUNCTION DURING FILLING AND SYSTOLIC EJECTION. Journal of Mechanics in Medicine and Biology, 2005, 05, 307-332.	0.7	4
102	Three-Dimensional MRI-based Computational Fluid Modeling of the Left Ventricle for Patient before and after Surgical Ventricular Restoration. , 2012, , .		4
103	Novel method for atrioventricular motion assessment from three-dimensional cine magnetic resonance imaging. , 2015, 2015, 319-22.		4
104	A Software Tool for Heart AVJ Motion Tracking Using Cine Cardiovascular Magnetic Resonance Images. IEEE Journal of Translational Engineering in Health and Medicine, 2017, 5, 1-12.	3.7	4
105	Five-Meter Walk Test as a Predictor of Prolonged Index Hospitalization After Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2020, 132, 100-105.	1.6	4
106	Nanoparticles-reinforced poly-l-lactic acid composite materials as bioresorbable scaffold candidates for coronary stents: Insights from mechanical and finite element analysis. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 125, 104977.	3.1	4
107	Autofluorescence imaging analysis of gastric cancer. Chinese Journal of Digestive Diseases, 2002, 3, 95-98.	1.0	3
108	Improved aorto-ventricular matching in ischemic dilated cardiomyopathy patients after surgical ventricular restoration. Medical Engineering and Physics, 2011, 33, 1120-1126.	1.7	3

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109	Reconstructing patient-specific cardiac models from contours via Delaunay triangulation and graph-cuts. , 2013, 2013, 2976-9.		3
110	Characterization of patient-specific biventricular mechanics in heart failure with preserved ejection fraction: Hyperelastic warping. , 2016, 2016, 4149-4152.		3
111	Age-related changes in four-dimensional CMR-derived atrioventricular junction velocities and displacements: Implications for the identification of altered annular dynamics for ventricular function assessment. IJC Heart and Vasculature, 2019, 22, 6-12.	1.1	3
112	Age- and Sex-Specific Changes in CMR Feature Tracking-Based Right Atrial and Ventricular Functional Parameters in Healthy Asians. Frontiers in Cardiovascular Medicine, 2021, 8, 664431.	2.4	3
113	Left Atrial Phasic Function in Older Adults Is Associated with Fibrotic and Low-Grade Inflammatory Pathways. Gerontology, 2023, 69, 47-56.	2.8	3
114	INTRA-LEFT VENTRICULAR FLOW DISTRIBUTIONS IN DIASTOLIC AND SYSTOLIC PHASES, BASED ON ECHO VELOCITY FLOW MAPPING OF NORMAL SUBJECTS AND HEART FAILURE PATIENTS, TO CHARACTERIZE LEFT VENTRICULAR PERFORMANCE OUTCOMES OF HEART FAILURE. Journal of Mechanics in Medicine and Biology, 2012, 12, 1240029.	0.7	2
115	Variational Reconstruction of Left Cardiac Structure from CMR Images. PLoS ONE, 2015, 10, e0145570.	2.5	2
116	Elevated Right Atrial Pressure Associated with Alteration of Left Ventricular Contractility and Ventricular-Arterial Coupling in Pulmonary Artery Hypertension*. , 2019, 2019, 820-823.		2
117	Reference Ranges for Left Ventricular Curvedness and Curvedness-Based Functional Indices Using Cardiovascular Magnetic Resonance in Healthy Asian Subjects. Scientific Reports, 2020, 10, 8465.	3.3	2
118	Diagnosis of gastric cancer by using autofluorescence spectroscopy. Chinese Journal of Digestive Diseases, 2002, 3, 99-102.	1.0	1
119	CARDIAC CONTRACTILITY MEASURES OF LEFT VENTRICULAR SYSTOLIC FUNCTIONAL ASSESSMENT OF NORMAL AND DISEASED HEARTS. Journal of Mechanics in Medicine and Biology, 2009, 09, 555-578.	0.7	1
120	Evaluation of atrioventricular junction velocity by orthogonal polynomial fitting from cine magnetic resonance imaging and comparison with tissue Doppler Echocardiography. , 2014, , .		1
121	Characterization and quantification of curvature using independent coordinates method in the human left ventricle by magnetic resonance imaging to identify the morphology subtype of hypertrophy cardiomyopathy. , 2014, 2014, 5619-22.		1
122	DECREASED LEFT VENTRICULAR CONTRACTILITY AND VENTRICULAR-ARTERIAL MATCHING INDEX CORRELATION WITH N-TERMINAL PRO B-TYPE NATRIURETIC PEPTIDE IN HEART FAILURE. Journal of Mechanics in Medicine and Biology, 2015, 15, 1540016.	0.7	1
123	Left Ventricular Diastolic Function Assessment Using Time Differences Between Mitral Annular Velocities and Transmitral Inflow Velocities in Patients with Heart Failure. Heart Lung and Circulation, 2015, 24, 257-263.	0.4	1
124	Atrioventricular junction (AVJ) motion tracking: A software tool with ITK/VTK/Qt. , 2016, 2016, 4141-4144.		1
125	Correcting motion in multiplanar cardiac magnetic resonance images. BioMedical Engineering OnLine, 2016, 15, 93.	2.7	1
126	Automatic Segmentation of Coronary Artery Lumen via Anisotropic Graph-cuts*. , 2019, 2019, 4871-4874.		1

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127	A new non-invasive index for prognosis evaluation in patients with aortic stenosis. Scientific Reports, 2020, 10, 7333.	3.3	1
128	Noninvasive Assessment of Left Ventricular Remodeling: Geometry, Wall Stress, and Function. , 2010, , 179-196.		1
129	Coronary Artery Extraction from CT Coronary Angiography with Augmentation on Partially Labelled Data. , 2021, 2021, 3800-3803.		1
130	Novel Cardiac Contractility Index and Ventricular-Arterial Matching Index to Serve as Markers of Heart Failure. , 2016, , 71-91.		0
131	Cardiomyopathy Effect on Left Ventricle Function (Shape and Contractility) and Improvement after Surgical Ventricular Restoration. , 2016, , 93-130.		0
132	Combined interventional and surgical treatment for a rare case of double patent ductus arteriosus. Experimental and Therapeutic Medicine, 2016, 11, 510-512.	1.8	0
133	Retroperitoneoscopic renal and adrenal specimen resection surgery in children. Wideochirurgia I Inne Techniki Maloinwazyjne, 2021, 16, 256-263.	0.7	0
134	Editorial for â€œ<scp>Quiescentâ€Interval Sliceâ€Selective</scp> (<scp>QISS</scp>) <scp>MRI</scp> Accurately Estimates Intravascular Stent Dimensions Prior to Intervention in Patients with Peripheral Artery Diseaseâ€• Journal of Magnetic Resonance Imaging, 2022, 55, 1810-1811.	3.4	0
135	Mitral regurgitation quantification by cardiac magnetic resonance imaging (MRI) remains reproducible between software solutions. Wellcome Open Research, 0, 6, 253.	1.8	0
136	Hemodynamics Simulation in the Left Anterior Descending Coronary Artery Tree. , 2019, , 257-281.		0
137	Cardiac Image Segmentation and Shape Modeling. , 2019, , 113-140.		0
138	Noninvasive Hemodynamic Assessment of the Significance of Coronary Artery Disease. , 2019, , 283-302.		0
139	Mitral regurgitation quantification by cardiac magnetic resonance imaging (MRI) remains reproducible between software solutions. Wellcome Open Research, 0, 6, 253.	1.8	0
140	Editorial for â€œLeft Ventricular Strain Measurements Derived from <scp>MR</scp> Feature Tracking: A Headâ€toâ€Head Comparison of a Higher Temporal Resolution Method with a Conventional Methodâ€• Journal of Magnetic Resonance Imaging, 2022, 56, 812-813.	3.4	0