

# Oscar Camara

## List of Publications by Citations

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

130  
papers

2,711  
citations

25  
h-index

50  
g-index

144  
ext. papers

3,424  
ext. citations

3.9  
avg, IF

4.77  
L-index

#	Paper	IF	Citations
130	Deep Learning Techniques for Automatic MRI Cardiac Multi-Structures Segmentation and Diagnosis: Is the Problem Solved?. <i>IEEE Transactions on Medical Imaging</i> , <b>2018</b> , 37, 2514-2525	11.7	457
129	Generalized overlap measures for evaluation and validation in medical image analysis. <i>IEEE Transactions on Medical Imaging</i> , <b>2006</b> , 25, 1451-61	11.7	416
128	Three-dimensional architecture of scar and conducting channels based on high resolution ce-CMR: insights for ventricular tachycardia ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2013</b> , 6, 528-374	6.4	133
127	Cardiac function estimation from MRI using a heart model and data assimilation: advances and difficulties. <i>Medical Image Analysis</i> , <b>2006</b> , 10, 642-56	15.4	119
126	Temporal diffeomorphic free-form deformation: application to motion and strain estimation from 3D echocardiography. <i>Medical Image Analysis</i> , <b>2012</b> , 16, 427-50	15.4	104
125	OpenCMISS: a multi-physics & multi-scale computational infrastructure for the VPH/Physiome project. <i>Progress in Biophysics and Molecular Biology</i> , <b>2011</b> , 107, 32-47	4.7	100
124	Integration of fuzzy spatial relations in deformable models Application to brain MRI segmentation. <i>Pattern Recognition</i> , <b>2006</b> , 39, 1401-1414	7.7	100
123	euHeart: personalized and integrated cardiac care using patient-specific cardiovascular modelling. <i>Interface Focus</i> , <b>2011</b> , 1, 349-64	3.9	95
122	Simulation of cardiac pathologies using an electromechanical biventricular model and XMR interventional imaging. <i>Medical Image Analysis</i> , <b>2005</b> , 9, 467-80	15.4	51
121	Relationship between endocardial activation sequences defined by high-density mapping to early septal contraction (septal flash) in patients with left bundle branch block undergoing cardiac resynchronization therapy. <i>Europace</i> , <b>2012</b> , 14, 99-106	3.9	45
120	Persistence of Cardiac Remodeling in Preadolescents With Fetal Growth Restriction. <i>Circulation: Cardiovascular Imaging</i> , <b>2017</b> , 10,	3.9	41
119	GIMIAS: An Open Source Framework for Efficient Development of Research Tools and Clinical Prototypes. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 417-426	0.9	41
118	A rule-based method to model myocardial fiber orientation in cardiac biventricular geometries with outflow tracts. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , <b>2019</b> , 35, e3185	2.6	41
117	A computational model of the fetal circulation to quantify blood redistribution in intrauterine growth restriction. <i>PLoS Computational Biology</i> , <b>2014</b> , 10, e1003667	5	33
116	Preferential regional distribution of atrial fibrosis in posterior wall around left inferior pulmonary vein as identified by late gadolinium enhancement cardiac magnetic resonance in patients with atrial fibrillation. <i>Europace</i> , <b>2018</b> , 20, 1959-1965	3.9	32
115	Accuracy assessment of global and local atrophy measurement techniques with realistic simulated longitudinal Alzheimer's disease images. <i>NeuroImage</i> , <b>2008</b> , 42, 696-709	7.9	31
114	A global benchmark of algorithms for segmenting the left atrium from late gadolinium-enhanced cardiac magnetic resonance imaging. <i>Medical Image Analysis</i> , <b>2021</b> , 67, 101832	15.4	30

113	Understanding the mechanisms amenable to CRT response: from pre-operative multimodal image data to patient-specific computational models. <i>Medical and Biological Engineering and Computing</i> , <b>2013</b> , 51, 1235-50	3.1	29
112	Sensitivity analysis of geometrical parameters to study haemodynamics and thrombus formation in the left atrial appendage. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , <b>2018</b> , 34, e3100	2.6	28
111	Phenomenological model of diffuse global and regional atrophy using finite-element methods. <i>IEEE Transactions on Medical Imaging</i> , <b>2006</b> , 25, 1417-30	11.7	28
110	Fusion of spatial relationships for guiding recognition, example of brain structure recognition in 3D MRI. <i>Pattern Recognition Letters</i> , <b>2005</b> , 26, 449-457	4.7	28
109	The reproducibility of late gadolinium enhancement cardiovascular magnetic resonance imaging of post-ablation atrial scar: a cross-over study. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2018</b> , 20, 21	6.9	27
108	Inter-model consistency and complementarity: learning from ex-vivo imaging and electrophysiological data towards an integrated understanding of cardiac physiology. <i>Progress in Biophysics and Molecular Biology</i> , <b>2011</b> , 107, 122-33	4.7	27
107	Toward the automatic quantification of in utero brain development in 3D structural MRI: A review. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 2772-2787	5.9	26
106	Numerical simulation of blood flow in the left ventricle and aortic sinus using magnetic resonance imaging and computational fluid dynamics. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2014</b> , 17, 740-9	2.1	25
105	Computational modeling of thoracic and abdominal anatomy using spatial relationships for image segmentation. <i>Real Time Imaging</i> , <b>2004</b> , 10, 263-273		25
104	Optimization of Left Atrial Appendage Occluder Implantation Using Interactive and Modeling Tools. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 237	4.6	24
103	Reproducibility and accuracy of late gadolinium enhancement cardiac magnetic resonance measurements for the detection of left atrial fibrosis in patients undergoing atrial fibrillation ablation procedures. <i>Europace</i> , <b>2019</b> , 21, 724-731	3.9	22
102	Cardiac Magnetic Resonance-Guided Ventricular Tachycardia Substrate Ablation. <i>JACC: Clinical Electrophysiology</i> , <b>2020</b> , 6, 436-447	4.6	22
101	Explicit incorporation of prior anatomical information into a nonrigid registration of thoracic and abdominal CT and 18-FDG whole-body emission PET images. <i>IEEE Transactions on Medical Imaging</i> , <b>2007</b> , 26, 164-78	11.7	22
100	Generalised overlap measures for assessment of pairwise and groupwise image registration and segmentation. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 8, 99-106	0.9	22
99	Feasibility of estimating regional mechanical properties of cerebral aneurysms in vivo. <i>Medical Physics</i> , <b>2010</b> , 37, 1689-706	4.4	21
98	Image-based criteria to identify the presence of epicardial arrhythmogenic substrate in patients with transmural myocardial infarction. <i>Heart Rhythm</i> , <b>2018</b> , 15, 814-821	6.7	20
97	Fast multiscale modeling of cardiac electrophysiology including Purkinje system. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2011</b> , 58, 2956-60	5	20
96	Using anatomical knowledge expressed as fuzzy constraints to segment the heart in CT images. <i>Pattern Recognition</i> , <b>2008</b> , 41, 2525-2540	7.7	20

95	Large Diffeomorphic FFD Registration for Motion and Strain Quantification from 3D-US Sequences. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 437-446	0.9	19
94	Integration of electro-anatomical and imaging data of the left ventricle: An evaluation framework. <i>Medical Image Analysis</i> , <b>2016</b> , 32, 131-44	15.4	16
93	Toward integrated management of cerebral aneurysms. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2010</b> , 368, 2961-82	3	16
92	Three-dimensional printing of an aortic model for transcatheter aortic valve implantation: possible clinical applications. <i>International Journal of Cardiovascular Imaging</i> , <b>2017</b> , 33, 283-285	2.5	15
91	Description of brain internal structures by means of spatial relations for MR image segmentation <b>2004</b> ,		15
90	A Radiomics Approach to Computer-Aided Diagnosis with Cardiac Cine-MRI. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 82-90	0.9	14
89	Methods for inverting dense displacement fields: evaluation in brain image registration <b>2007</b> , 10, 900-7		14
88	Temporal diffeomorphic free-form deformation for strain quantification in 3D-US images. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 13, 1-8	0.9	14
87	Impact of Flow Dynamics on Device-Related Thrombosis After Left Atrial Appendage Occlusion. <i>Canadian Journal of Cardiology</i> , <b>2020</b> , 36, 968.e13-968.e14	3.8	13
86	Dielectric properties of colon polyps, cancer, and normal mucosa: Ex vivo measurements from 0.5 to 20 GHz. <i>Medical Physics</i> , <b>2018</b> , 45, 3768	4.4	13
85	Radiomics Signatures of Cardiovascular Risk Factors in Cardiac MRI: Results From the UK Biobank. <i>Frontiers in Cardiovascular Medicine</i> , <b>2020</b> , 7, 591368	5.4	13
84	Estimation of Purkinje trees from electro-anatomical mapping of the left ventricle using minimal cost geodesics. <i>Medical Image Analysis</i> , <b>2015</b> , 24, 52-62	15.4	12
83	Learning non-linear patch embeddings with neural networks for label fusion. <i>Medical Image Analysis</i> , <b>2018</b> , 44, 143-155	15.4	12
82	A wavelet-based electrogram onset delineator for automatic ventricular activation mapping. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2014</b> , 61, 2830-9	5	12
81	Breaking the state of the heart: meshless model for cardiac mechanics. <i>Biomechanics and Modeling in Mechanobiology</i> , <b>2019</b> , 18, 1549-1561	3.8	11
80	Standardized unfold mapping: a technique to permit left atrial regional data display and analysis. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2017</b> , 50, 125-131	2.4	11
79	A Multimodal Database for the 1st Cardiac Motion Analysis Challenge. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 33-44	0.9	10
78	Quantitative Analysis of Electro-Anatomical Maps: Application to an Experimental Model of Left Bundle Branch Block/Cardiac Resynchronization Therapy. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , <b>2017</b> , 5, 1900215	3	9

77	Analysis of Microstructure of the Cardiac Conduction System Based on Three-Dimensional Confocal Microscopy. <i>PLoS ONE</i> , <b>2016</b> , 11, e0164093	3.7	7
76	Towards regional elastography of intracranial aneurysms. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 11, 131-8	0.9	7
75	Deep Learning Framework for Real-Time Estimation of Thrombotic Risk Indices in the Left Atrial Appendage. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 694945	4.6	7
74	Multi-sequence Registration of Cine, Tagged and Delay-Enhancement MRI with Shift Correction and Steerable Pyramid-Based Detagging. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 330-338	0.9	6
73	Thermal impact of balloon occlusion of the coronary sinus during mitral isthmus radiofrequency ablation: an in-silico study. <i>International Journal of Hyperthermia</i> , <b>2019</b> , 36, 1168-1177	3.7	6
72	In-Silico Analysis of the Influence of Pulmonary Vein Configuration on Left Atrial Haemodynamics and Thrombus Formation in a Large Cohort. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 605-616	0.9	6
71	Sensitivity Analysis of In Silico Fluid Simulations to Predict Thrombus Formation after Left Atrial Appendage Occlusion. <i>Mathematics</i> , <b>2021</b> , 9, 2304	2.3	6
70	Fast Quasi-Conformal Regional Flattening of the Left Atrium. <i>IEEE Transactions on Visualization and Computer Graphics</i> , <b>2020</b> , 26, 2591-2602	4	5
69	In Silico Analysis of Haemodynamics in Patient-Specific Left Atria with Different Appendage Morphologies. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 412-420	0.9	5
68	Free Form Deformations Guided by Gradient Vector Flow: A Surface Registration Method in Thoracic and Abdominal PET-CT Applications. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 224-233	0.9	5
67	Cardiac Motion Estimation from Intracardiac Electrical Mapping Data: Identifying a Septal Flash in Heart Failure. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 21-29	0.9	5
66	Modelizaci3n computacional cardiaca. <i>Revista Espanola De Cardiologia</i> , <b>2021</b> , 74, 65-71	1.5	5
65	Calibration of a fully coupled electromechanical meshless computational model of the heart with experimental data. <i>Computer Methods in Applied Mechanics and Engineering</i> , <b>2020</b> , 364, 112869	5.7	4
64	In silico pace-mapping: prediction of left vs. right outflow tract origin in idiopathic ventricular arrhythmias with patient-specific electrophysiological simulations. <i>Europace</i> , <b>2020</b> , 22, 1419-1430	3.9	4
63	A Radiomics Approach to Analyze Cardiac Alterations in Hypertension <b>2019</b> ,		4
62	Accuracy assessment of global and local atrophy measurement techniques with realistic simulated longitudinal data <b>2007</b> , 10, 785-92		4
61	Influence of Geometric Variations on LV Activation Times: A Study on an Atlas-Based Virtual Population. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 242-251	0.9	4
60	Personalization of Fast Conduction Purkinje System in Eikonal-Based Electrophysiological Models with Optical Mapping Data. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 281-290	0.9	4

59	Effect of Scar Development on Fast Electrophysiological Models of the Human Heart: In-Silico Study on Atlas-Based Virtual Populations. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 427-436	0.9	4
58	Mind the gap: Quantification of incomplete ablation patterns after pulmonary vein isolation using minimum path search. <i>Medical Image Analysis</i> , <b>2019</b> , 51, 1-12	15.4	4
57	Design and Evaluation of an Antenna Applicator for a Microwave Colonoscopy System. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2019</b> , 67, 4968-4977	4.9	3
56	Centreline-Based Shape Descriptors of the Left Atrial Appendage in Relation with Thrombus Formation. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 200-208	0.9	3
55	Standardised unfold map of the left atrium: regional definition for multimodal image analysis. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2015</b> , 17,	6.9	3
54	Left Atrial Segmentation Combining Multi-atlas Whole Heart Labeling and Shape-Based Atlas Selection. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 302-310	0.9	3
53	Deep Learning Surrogate of Computational Fluid Dynamics for Thrombus Formation Risk in the Left Atrial Appendage. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 157-166	0.9	3
52	Smoothed Particle Hydrodynamics for Electrophysiological Modeling: An Alternative to Finite Element Methods. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 333-343	0.9	3
51	Modelling Tumour Growth Patterns with Non-Rigid Image Registration <b>2007</b> , 139-144		3
50	Sensitivity Analysis of Mesh Warping and Subsampling Strategies for Generating Large Scale Electrophysiological Simulation Data. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 418-426	0.9	3
49	Biophysics-based statistical learning: Application to heart and brain interactions. <i>Medical Image Analysis</i> , <b>2021</b> , 72, 102089	15.4	3
48	Large Scale Cardiovascular Model Personalisation for Mechanistic Analysis of Heart and Brain Interactions. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 285-293	0.9	2
47	A two dimensional electromechanical model of a cardiomyocyte to assess intra-cellular regional mechanical heterogeneities. <i>PLoS ONE</i> , <b>2017</b> , 12, e0182915	3.7	2
46	Statistical Atlases and Computational Models of the Heart - Imaging and Modelling Challenges. <i>Lecture Notes in Computer Science</i> , <b>2015</b> ,	0.9	2
45	Estimation of Local Conduction Velocity from Myocardium Activation Time: Application to Cardiac Resynchronization Therapy. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 239-248	0.9	2
44	Cardiac Deformation from Electro-Anatomical Mapping Data: Application to Scar Characterization. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 47-54	0.9	2
43	Cerebral Aneurysms: A Patient-Specific and Image-Based Management Pipeline. <i>Computational Methods in Applied Sciences (Springer)</i> , <b>2011</b> , 327-349	0.4	2
42	Evaluation of a thoracic elastic registration method using anatomical constraints in oncology		2

41	Evaluation of Different Mapping Techniques for the Integration of Electro-Anatomical Voltage and Imaging Data of the Left Ventricle. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 391-399	0.9	2
40	Decision Tree Learning for Uncertain Clinical Measurements. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2020</b> , 1-1	4.2	2
39	High-power short-duration vs. standard radiofrequency cardiac ablation: comparative study based on an in-silico model. <i>International Journal of Hyperthermia</i> , <b>2021</b> , 38, 582-592	3.7	2
38	A Cartesian Grid Representation of Left Atrial Appendages for a Deep Learning Estimation of Thrombogenic Risk Predictors. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 35-43	0.9	2
37	Standard Quasi-Conformal Flattening of the Right and Left Atria. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 85-93	0.9	1
36	Automatic activation mapping and origin identification of idiopathic outflow tract ventricular arrhythmias. <i>Journal of Electrocardiology</i> , <b>2018</b> , 51, 239-246	1.4	1
35	Early Prediction of Alzheimer's Disease with Non-local Patch-Based Longitudinal Descriptors. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 74-81	0.9	1
34	Non-stationary diffeomorphic registration: application to endo-vascular treatment monitoring <b>2009</b> ,		1
33	Deep Learning Techniques for Automatic MRI Cardiac Multi-Structures Segmentation and Diagnosis: Is the Problem Solved?		1
32	Comparison of 2D Echocardiography and Cardiac Cine MRI in the Assessment of Regional Left Ventricular Wall Thickness. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 52-62	0.9	1
31	Best (and Worst) Practices for Organizing a Challenge on Cardiac Biophysical Models During AI Summer: The CRT-EPiggy19 Challenge. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 329-341	0.9	1
30	Quantification of Gaps in Ablation Lesions Around the Pulmonary Veins in Delayed Enhancement MRI. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 215-222	0.9	1
29	Integration of artificial intelligence into clinical patient management: focus on cardiac imaging. <i>Revista Espanola De Cardiologia (English Ed)</i> , <b>2021</b> , 74, 72-80	0.7	1
28	Cardiac computational modelling. <i>Revista Espanola De Cardiologia (English Ed)</i> , <b>2021</b> , 74, 65-71	0.7	1
27	4D Flow Magnetic Resonance Imaging for Left Atrial Haemodynamic Characterization and Model Calibration. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 156-165	0.9	1
26	A Monte Carlo Tree Search Approach to Learning Decision Trees <b>2018</b> ,		1
25	Towards Mesh-Free Patient-Specific Mitral Valve Modeling. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 66-75	0.9	1
24	Computational pipeline for the generation and validation of patient-specific mechanical models of brain development. <i>Brain Multiphysics</i> , <b>2022</b> , 3, 100045	4.2	1

23	Joint Analysis of Morphological Parameters and In Silico Haemodynamics of the Left Atrial Appendage for Thrombogenic Risk Assessment.. <i>Journal of Interventional Cardiology</i> , <b>2022</b> , 2022, 9125224	1.8	1
22	Learning decision trees through Monte Carlo tree search: An empirical evaluation. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , <b>2020</b> , 10, e1348	6.9	0
21	In-silico Analysis of Device-Related Thrombosis for Different Left Atrial Appendage Occluder Settings. <i>Lecture Notes in Computer Science</i> , <b>2022</b> , 160-168	0.9	0
20	A Rule-Based Method to Model Myocardial Fiber Orientation for Simulating Ventricular Outflow Tract Arrhythmias. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 344-353	0.9	0
19	Geometric Deep Learning for the Assessment of Thrombosis Risk in the Left Atrial Appendage. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 639-649	0.9	0
18	Automatic Detection of Slow Conducting Channels during Substrate Ablation of Scar-Related Ventricular Arrhythmias. <i>Journal of Interventional Cardiology</i> , <b>2020</b> , 2020, 4386841	1.8	
17	P780Clinical evaluation of an automatic activation mapping algorithm for identifying the site of origin of idiopathic ventricular arrhythmias. <i>Europace</i> , <b>2018</b> , 20, i137-i137	3.9	
16	P457Prediction of the site of origin in outflow tract ventricular arrhythmias with electrophysiological simulations. <i>Europace</i> , <b>2018</b> , 20, i90-i90	3.9	
15	P778Slow conducting channel identification from electroanatomical maps using an automatic algorithm in patients with scar-related ventricular arrhythmias. <i>Europace</i> , <b>2018</b> , 20, i136-i137	3.9	
14	89 Electromechanical interaction in patients undergoing cardiac resynchronisation therapy: comparison of intracardiac activation maps and early septal contraction in left bundle branch block. <i>Heart</i> , <b>2011</b> , 97, A52-A52	5.1	
13	Image Registration of Structural and Physiological MR Images of Abnormal Anatomy <b>2007</b> , 211-216		
12	CT and PET Registration Using Deformations Incorporating Tumor-Based Constraints. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 1-12	0.9	
11	Joint Analysis of Personalized In-Silico Haemodynamics and Shape Descriptors of the Left Atrial Appendage. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 58-66	0.9	
10	Quantitative Analysis of Lead Position vs. Correction of Electrical Dyssynchrony in an Experimental Model of LBBB/CRT. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 74-82	0.9	
9	Fully-Coupled Electromechanical Simulations of the LV Dog Anatomy Using HPC: Model Testing and Verification. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 114-122	0.9	
8	Standardised Framework to Study the Influence of Left Atrial RF Catheter Ablation Parameters on Permanent Lesion Formation. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 96-105	0.9	
7	Quasi-Conformal Technique for Integrating and Validating Myocardial Tissue Characterization in MRI with Ex-Vivo Human Histological Data. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 172-181	0.9	
6	Atlas Construction and Image Analysis Using Statistical Cardiac Models. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 1-13	0.9	



- 5 Image-Based Estimation of Myocardial Acceleration Using TDFFD: A Phantom Study. *Lecture Notes in Computer Science*, **2014**, 262-270 0.9
- 4 Towards assisted electrocardiogram interpretation using an AI-enabled Augmented Reality headset. *Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization*, **2021**, 9, 349-356 0.9
- 3 Shape Analysis and Computational Fluid Simulations to Assess Feline Left Atrial Function and Thrombogenesis. *Lecture Notes in Computer Science*, **2021**, 619-628 0.9
- 2 744Reproducible and semi-automatic method for the assessment of ablation gaps in LGE-CMR after RF pulmonary vein isolation. *Europace*, **2018**, 20, i124-i124 3.9
- 1 Left Atrial Thrombus-Are All Atria and Appendages Equal?. *Interventional Cardiology Clinics*, **2022**, 11, 121-134 1.4