

Georg Langs

List of Publications by Citations

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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.

176
papers

5,292
citations

33
h-index

69
g-index

192
ext. papers

7,709
ext. citations

5.3
avg, IF

6.05
L-index

#	Paper	IF	Citations
176	Situating the default-mode network along a principal gradient of macroscale cortical organization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 12574-12579	11.5	706
175	Unsupervised Anomaly Detection with Generative Adversarial Networks to Guide Marker Discovery. <i>Lecture Notes in Computer Science</i> , 2017 , 146-157	0.9	525
174	Causability and explainability of artificial intelligence in medicine. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2019 , 9, e1312	6.9	311
173	F-AnoGAN: Fast unsupervised anomaly detection with generative adversarial networks. <i>Medical Image Analysis</i> , 2019 , 54, 30-44	15.4	288
172	Parcellating cortical functional networks in individuals. <i>Nature Neuroscience</i> , 2015 , 18, 1853-60	25.5	278
171	Fully Automated Detection and Quantification of Macular Fluid in OCT Using Deep Learning. <i>Ophthalmology</i> , 2018 , 125, 549-558	7.3	223
170	Introduction to Radiomics. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 488-495	8.9	167
169	The DNA methylation landscape of glioblastoma disease progression shows extensive heterogeneity in time and space. <i>Nature Medicine</i> , 2018 , 24, 1611-1624	50.5	124
168	The prenatal origin of hemispheric asymmetry: an in utero neuroimaging study. <i>Cerebral Cortex</i> , 2011 , 21, 1076-83	5.1	124
167	Automatic lung segmentation in routine imaging is primarily a data diversity problem, not a methodology problem. <i>European Radiology Experimental</i> , 2020 , 4, 50	4.5	104
166	Cloud-Based Evaluation of Anatomical Structure Segmentation and Landmark Detection Algorithms: VISCERAL Anatomy Benchmarks. <i>IEEE Transactions on Medical Imaging</i> , 2016 , 35, 2459-2475	11.7	89
165	Prediction of Anti-VEGF Treatment Requirements in Neovascular AMD Using a Machine Learning Approach 2017 , 58, 3240-3248		85
164	Machine Learning to Analyze the Prognostic Value of Current Imaging Biomarkers in Neovascular Age-Related Macular Degeneration. <i>Ophthalmology Retina</i> , 2018 , 2, 24-30	3.8	81
163	COMP-12. TOWARDS BIG DATA IN DIGITAL NEUROPATHOLOGY WITH THE DIGITAL BRAIN TUMOR ATLAS. <i>Neuro-Oncology</i> , 2018 , 20, vi66-vi66	1	78
162	Fetal functional imaging portrays heterogeneous development of emerging human brain networks. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 852	3.3	77
161	Global localization of 3D anatomical structures by pre-filtered Hough forests and discrete optimization. <i>Medical Image Analysis</i> , 2013 , 17, 1304-14	15.4	67
160	Fast active appearance model search using canonical correlation analysis. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2006 , 28, 1690-4	13.3	67

159	BrainSpace: a toolbox for the analysis of macroscale gradients in neuroimaging and connectomics datasets. <i>Communications Biology</i> , 2020 , 3, 103	6.7	63
158	Correlation of 3-Dimensionally Quantified Intraretinal and Subretinal Fluid With Visual Acuity in Neovascular Age-Related Macular Degeneration. <i>JAMA Ophthalmology</i> , 2016 , 134, 182-90	3.9	60
157	Identifying Shared Brain Networks in Individuals by Decoupling Functional and Anatomical Variability. <i>Cerebral Cortex</i> , 2016 , 26, 4004-14	5.1	54
156	Disrupted developmental organization of the structural connectome in fetuses with corpus callosum agenesis. <i>NeuroImage</i> , 2015 , 111, 277-88	7.9	50
155	Fetal MRI detects early alterations of brain development in Tetralogy of Fallot. <i>American Journal of Obstetrics and Gynecology</i> , 2015 , 213, 392.e1-7	6.4	47
154	Detecting stable distributed patterns of brain activation using Gini contrast. <i>NeuroImage</i> , 2011 , 56, 497-507	4.6	46
153	Automatic quantification of joint space narrowing and erosions in rheumatoid arthritis. <i>IEEE Transactions on Medical Imaging</i> , 2009 , 28, 151-64	11.7	45
152	Cross-species functional alignment reveals evolutionary hierarchy within the connectome. <i>NeuroImage</i> , 2020 , 223, 117346	7.9	44
151	Predicting Semantic Descriptions from Medical Images with Convolutional Neural Networks. <i>Lecture Notes in Computer Science</i> , 2015 , 24, 437-48	0.9	42
150	Performing group-level functional image analyses based on homologous functional regions mapped in individuals. <i>PLoS Biology</i> , 2019 , 17, e2007032	9.7	40
149	Diffusion-weighted imaging for the follow-up of patients after matrix-associated autologous chondrocyte transplantation. <i>European Journal of Radiology</i> , 2010 , 73, 622-8	4.7	40
148	VISCERAL: Towards Large Data in Medical Imaging [Challenges and Directions]. <i>Lecture Notes in Computer Science</i> , 2013 , 92-98	0.9	38
147	A spatio-temporal latent atlas for semi-supervised learning of fetal brain segmentations and morphological age estimation. <i>Medical Image Analysis</i> , 2014 , 18, 9-21	15.4	36
146	An automatic model-based system for joint space measurements on hand radiographs: initial experience. <i>Radiology</i> , 2007 , 245, 855-62	20.5	36
145	Exploiting Epistemic Uncertainty of Anatomy Segmentation for Anomaly Detection in Retinal OCT. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 87-98	11.7	35
144	A survey on visual information search behavior and requirements of radiologists. <i>Methods of Information in Medicine</i> , 2012 , 51, 539-48	1.5	33
143	Vision pyramids that do not grow too high. <i>Pattern Recognition Letters</i> , 2005 , 26, 319-337	4.7	33
142	Bringing the Algorithms to the Data: CloudBased Benchmarking for Medical Image Analysis. <i>Lecture Notes in Computer Science</i> , 2012 , 24-29	0.9	32

141	Continuous Learning AI in Radiology: Implementation Principles and Early Applications. <i>Radiology</i> , 2020 , 297, 6-14	20.5	32
140	Predicting Macular Edema Recurrence from Spatio-Temporal Signatures in Optical Coherence Tomography Images. <i>IEEE Transactions on Medical Imaging</i> , 2017 , 36, 1773-1783	11.7	31
139	Diffeomorphic functional brain surface alignment: Functional demons. <i>NeuroImage</i> , 2017 , 156, 456-465	7.9	30
138	Unsupervised Pre-training Across Image Domains Improves Lung Tissue Classification. <i>Lecture Notes in Computer Science</i> , 2014 , 82-93	0.9	29
137	Predicting Activation Across Individuals with Resting-State Functional Connectivity Based Multi-Atlas Label Fusion. <i>Lecture Notes in Computer Science</i> , 2015 , 9350, 313-320	0.9	28
136	Computational image analysis for prognosis determination in DME. <i>Vision Research</i> , 2017 , 139, 204-210	2.1	27
135	Decoupling function and anatomy in atlases of functional connectivity patterns: language mapping in tumor patients. <i>NeuroImage</i> , 2014 , 103, 462-475	7.9	27
134	Introduction of an automated user-independent quantitative volumetric magnetic resonance imaging breast density measurement system using the Dixon sequence: comparison with mammographic breast density assessment. <i>Investigative Radiology</i> , 2015 , 50, 73-80	10.1	26
133	Validation of In utero Tractography of Human Fetal Commissural and Internal Capsule Fibers with Histological Structure Tensor Analysis. <i>Frontiers in Neuroanatomy</i> , 2015 , 9, 164	3.6	26
132	Computer based methods for measurement of joint space width: update of an ongoing OMERACT project. <i>Journal of Rheumatology</i> , 2007 , 34, 874-83	4.1	25
131	Application of BI-RADS Descriptors in Contrast-Enhanced Dual-Energy Mammography: Comparison with MRI. <i>Breast Care</i> , 2017 , 12, 212-216	2.4	23
130	Analyzing and Predicting Visual Acuity Outcomes of Anti-VEGF Therapy by a Longitudinal Mixed Effects Model of Imaging and Clinical Data 2017 , 58, 4173-4181		23
129	Automated threshold-independent cortex segmentation by 3D-texture analysis of HR-pQCT scans. <i>Bone</i> , 2012 , 51, 480-7	4.7	23
128	Shape priors and discrete MRFs for knowledge-based segmentation 2009 ,		23
127	The effects of skin lesion segmentation on the performance of dermatoscopic image classification. <i>Computer Methods and Programs in Biomedicine</i> , 2020 , 197, 105725	6.9	22
126	Overview of the VISCERAL Retrieval Benchmark 2015. <i>Lecture Notes in Computer Science</i> , 2015 , 115-123	0.9	19
125	Computational identification and quantification of trabecular microarchitecture classes by 3-D texture analysis-based clustering. <i>Bone</i> , 2013 , 54, 133-40	4.7	18
124	Generalized sparse MRF appearance models. <i>Image and Vision Computing</i> , 2010 , 28, 1031-1038	3.7	18

123	Robust autonomous model learning from 2D and 3D data sets 2007 , 10, 968-76		18
122	Superpixel-Based Interest Points for Effective Bags of Visual Words Medical Image Retrieval. <i>Lecture Notes in Computer Science</i> , 2012 , 58-68	0.9	17
121	Contrast-enhanced dual energy mammography with a novel anode/filter combination and artifact reduction: a feasibility study. <i>European Radiology</i> , 2016 , 26, 1575-81	8	16
120	Mapping visual features to semantic profiles for retrieval in medical imaging 2015 ,		16
119	Fetal Cerebral Magnetic Resonance Imaging Beyond Morphology. <i>Seminars in Ultrasound, CT and MRI</i> , 2015 , 36, 465-75	1.7	16
118	Model-based erosion spotting and visualization in rheumatoid arthritis. <i>Academic Radiology</i> , 2007 , 14, 1179-88	4.3	15
117	Functional Geometry Alignment and Localization of Brain Areas. <i>Advances in Neural Information Processing Systems</i> , 2010 , 1, 1225-1233	2.2	15
116	Cross-species Functional Alignment Reveals Evolutionary Hierarchy Within the Connectome		15
115	User-oriented evaluation of a medical image retrieval system for radiologists. <i>International Journal of Medical Informatics</i> , 2015 , 84, 774-83	5.3	14
114	Quantifying disease activity and damage by imaging in rheumatoid arthritis and osteoarthritis. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1154, 207-38	6.5	14
113	Automatic segmentation and classification of breast lesions through identification of informative multiparametric PET/MRI features. <i>European Radiology Experimental</i> , 2019 , 3, 18	4.5	13
112	Hierarchical 3D diffusion wavelet shape priors 2009 ,		13
111	Motion artefact correction in retinal optical coherence tomography using local symmetry. <i>Lecture Notes in Computer Science</i> , 2014 , 17, 130-7	0.9	13
110	The relationship between eye movement and vision develops before birth. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 775	3.3	12
109	Automatic image-based assessment of lesion development during hemangioma follow-up examinations. <i>Artificial Intelligence in Medicine</i> , 2010 , 50, 83-94	7.4	12
108	Computational radiology in skeletal radiography. <i>European Journal of Radiology</i> , 2009 , 72, 252-7	4.7	11
107	Spatio-Temporal Signatures to Predict Retinal Disease Recurrence. <i>Lecture Notes in Computer Science</i> , 2015 , 24, 152-63	0.9	11
106	Texture Bags: Anomaly Retrieval in Medical Images Based on Local 3D-Texture Similarity. <i>Lecture Notes in Computer Science</i> , 2012 , 116-127	0.9	11

105	Automated measurement of joint space width in small joints of patients with rheumatoid arthritis. <i>Journal of Rheumatology</i> , 2008 , 35, 1288-93	4.1	11
104	High-resolution peripheral quantitative CT imaging: Cortical porosity, poor trabecular bone microarchitecture, and low bone strength in lung transplant recipients. <i>Radiology</i> , 2015 , 274, 473-81	20.5	10
103	Multiple computer-based methods of measuring joint space width can discriminate between treatment arms in the COBRA trial -- Update of an ongoing OMERACT project. <i>Journal of Rheumatology</i> , 2009 , 36, 1825-8	4.1	10
102	Modeling the structure of multivariate manifolds: Shape maps 2008 ,		10
101	Differential diagnosis of rheumatic diseases using conventional radiography. <i>Best Practice and Research in Clinical Rheumatology</i> , 2004 , 18, 783-811	5.3	10
100	Learning an atlas of a cognitive process in its functional geometry. <i>Lecture Notes in Computer Science</i> , 2011 , 22, 135-46	0.9	10
99	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , 2021 , 109, 1769-1775	13.9	10
98	Automated Fovea Detection in Spectral Domain Optical Coherence Tomography Scans of Exudative Macular Disease. <i>International Journal of Biomedical Imaging</i> , 2016 , 2016, 7468953	5.2	10
97	Multivendor Spectral-Domain Optical Coherence Tomography Dataset, Observer Annotation Performance Evaluation, and Standardized Evaluation Framework for Intraretinal Cystoid Fluid Segmentation. <i>Journal of Ophthalmology</i> , 2016 , 2016, 3898750	2	10
96	Atypical language representation is unfavorable for language abilities following childhood stroke. <i>European Journal of Paediatric Neurology</i> , 2019 , 23, 102-116	3.8	10
95	Analysis of the three-dimensional anatomical variance of the distal radius using 3D shape models. <i>BMC Medical Imaging</i> , 2017 , 17, 23	2.9	9
94	Mens inversus in corpore inverso? Language lateralization in a boy with situs inversus totalis. <i>Brain and Language</i> , 2017 , 174, 9-15	2.9	9
93	Assesment of rheumatic diseases with computational radiology: current status and future potential. <i>European Journal of Radiology</i> , 2009 , 71, 211-6	4.7	8
92	Stable registration of pathological 3D-OCT scans using retinal vessels		8
91	Volumetry based biomarker speed of growth: Quantifying the change of total tumor volume in whole-body magnetic resonance imaging over time improves risk stratification of smoldering multiple myeloma patients. <i>Oncotarget</i> , 2018 , 9, 25254-25264	3.3	8
90	Diagnostic classification of autism using resting-state fMRI data improves with full correlation functional brain connectivity compared to partial correlation. <i>Journal of Neuroscience Methods</i> , 2020 , 345, 108884	3	8
89	Segmentation of Skeleton and Organs in Whole-Body CT Images via Iterative Trilateration. <i>IEEE Transactions on Medical Imaging</i> , 2017 , 36, 2276-2286	11.7	7
88	Longitudinal alignment of disease progression in fibrosing interstitial lung disease. <i>Lecture Notes in Computer Science</i> , 2014 , 17, 97-104	0.9	7

87	Deep learning detection and quantification of pneumothorax in heterogeneous routine chest computed tomography. <i>European Radiology Experimental</i> , 2020 , 4, 26	4.5	7
86	Dynamic Memory to Alleviate Catastrophic Forgetting in Continuous Learning Settings. <i>Lecture Notes in Computer Science</i> , 2020 , 359-368	0.9	7
85	Creating a Large-Scale Silver Corpus from Multiple Algorithmic Segmentations. <i>Lecture Notes in Computer Science</i> , 2016 , 103-115	0.9	7
84	Localization of 3D Anatomical Structures Using Random Forests and Discrete Optimization. <i>Lecture Notes in Computer Science</i> , 2011 , 86-95	0.9	7
83	Joint embedding: A scalable alignment to compare individuals in a connectivity space. <i>NeuroImage</i> , 2020 , 222, 117232	7.9	7
82	Stent graft surface movement after infrarenal abdominal aortic aneurysm repair: comparison of patients with and without a type 2 endoleak. <i>European Journal of Vascular and Endovascular Surgery</i> , 2015 , 50, 181-8	2.3	6
81	Multi-Habitat Radiomics Unravels Distinct Phenotypic Subtypes of Glioblastoma with Clinical and Genomic Significance. <i>Cancers</i> , 2020 , 12,	6.6	6
80	Unsupervised Identification of Clinically Relevant Clusters in Routine Imaging Data. <i>Lecture Notes in Computer Science</i> , 2016 , 192-200	0.9	6
79	Using Cyclegans for Effectively Reducing Image Variability Across OCT Devices and Improving Retinal Fluid Segmentation 2019 ,		6
78	Stent-graft surface movement after endovascular aneurysm repair: baseline parameters for prediction, and association with migration and stent-graft-related endoleaks. <i>European Radiology</i> , 2019 , 29, 6385-6395	8	6
77	Structure-based neuron retrieval across Drosophila brains. <i>Neuroinformatics</i> , 2014 , 12, 423-34	3.2	6
76	Learning deformation and structure simultaneously: in situ endograft deformation analysis. <i>Medical Image Analysis</i> , 2011 , 15, 12-21	15.4	6
75	Weakly supervised group-wise model learning based on discrete optimization. <i>Lecture Notes in Computer Science</i> , 2009 , 12, 860-8	0.9	6
74	Fast Anatomical Structure Localization Using Top-Down Image Patch Regression. <i>Lecture Notes in Computer Science</i> , 2013 , 133-141	0.9	6
73	Distributed changes of the functional connectome in patients with glioblastoma. <i>Scientific Reports</i> , 2020 , 10, 18312	4.9	6
72	Variability of computed tomography radiomics features of fibrosing interstitial lung disease: A test-retest study. <i>Methods</i> , 2021 , 188, 98-104	4.6	6
71	The role of the corpus callosum in language network connectivity in children. <i>Developmental Science</i> , 2021 , 24, e13031	4.5	6
70	Dynamic memory to alleviate catastrophic forgetting in continual learning with medical imaging. <i>Nature Communications</i> , 2021 , 12, 5678	17.4	6

69	ASM Driven Snakes in Rheumatoid Arthritis Assessment. <i>Lecture Notes in Computer Science</i> , 2003 , 454-461	6.9	6
68	Prospects and Challenges of Radiomics by Using Nononcologic Routine Chest CT. <i>Radiology: Cardiothoracic Imaging</i> , 2020 , 2, e190190	8.3	5
67	Multiple appearance models. <i>Pattern Recognition</i> , 2007 , 40, 2485-2495	7.7	5
66	Left ventricle segmentation using diffusion wavelets and boosting. <i>Lecture Notes in Computer Science</i> , 2009 , 12, 919-26	0.9	5
65	Lesion-Specific Language Network Alterations in Temporal Lobe Epilepsy. <i>American Journal of Neuroradiology</i> , 2020 , 41, 147-154	4.4	5
64	The Subplate Layers: The Superficial and Deep Subplate Can be Discriminated on 3 Tesla Human Fetal Postmortem MRI. <i>Cerebral Cortex</i> , 2020 , 30, 5038-5048	5.1	4
63	Tracing the structural origins of atypical language representation: consequences of prenatal mirror-imaged brain asymmetries in a dizygotic twin couple. <i>Brain Structure and Function</i> , 2018 , 223, 3754-3767	4.4	4
62	Towards quantitative imaging biomarkers of tumor dissemination: A multi-scale parametric modeling of multiple myeloma. <i>Medical Image Analysis</i> , 2019 , 57, 214-225	15.4	4
61	A Visual Information Retrieval System for Radiology Reports and the Medical Literature. <i>Lecture Notes in Computer Science</i> , 2014 , 390-393	0.9	4
60	Texture analysis in quantitative osteoporosis assessment: Characterizing microarchitecture 2010 ,		4
59	Evaluating deformation patterns of the thoracic aorta in gated CTA sequences 2010 ,		4
58	Automatic assessment of the knee alignment angle on full-limb radiographs. <i>European Journal of Radiology</i> , 2010 , 74, 236-40	4.7	4
57	Evaluation of the Temporal Muscle Thickness as an Independent Prognostic Biomarker in Patients with Primary Central Nervous System Lymphoma. <i>Cancers</i> , 2021 , 13,	6.6	4
56	CloudBased Evaluation Framework for Big Data. <i>Lecture Notes in Computer Science</i> , 2013 , 104-114	0.9	3
55	Atlas-based deformable mutual population segmentation 2009 ,		3
54	Shape priors and discrete MRFs for knowledge-based segmentation 2009 ,		3
53	Task-specific functional brain geometry from model maps. <i>Lecture Notes in Computer Science</i> , 2008 , 11, 925-33	0.9	3
52	Multi-subject Manifold Alignment of Functional Network Structures via Joint Diagonalization. <i>Lecture Notes in Computer Science</i> , 2015 , 24, 462-73	0.9	3

51	Modeling Fetal Cortical Expansion Using Graph-Regularized Gompertz Models. <i>Lecture Notes in Computer Science</i> , 2016 , 247-254	0.9	3
50	Annotating Medical Image Data 2017 , 45-67		3
49	Object localization based on Markov random fields and symmetry interest points 2007 , 10, 460-8		3
48	Khresmoi Professional: Multilingual, Multimodal Professional Medical Search. <i>Lecture Notes in Computer Science</i> , 2014 , 754-758	0.9	3
47	Spatial Distribution of Focal Lesions in Whole-Body MRI and Influence of MRI Protocol on Staging in Patients with Smoldering Multiple Myeloma According to the New SLiM-CRAB-Criteria. <i>Cancers</i> , 2020 , 12,	6.6	3
46	Language network reorganization before and after temporal lobe epilepsy surgery. <i>Journal of Neurosurgery</i> , 2020 , 134, 1694-1702	3.2	3
45	Keypoint Transfer for Fast Whole-Body Segmentation. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 273-282	11.7	3
44	Continual Active Learning for Efficient Adaptation of Machine Learning Models to Changing Image Acquisition. <i>Lecture Notes in Computer Science</i> , 2021 , 649-660	0.9	3
43	Effect of corpus callosum agenesis on the language network in children and adolescents. <i>Brain Structure and Function</i> , 2021 , 226, 701-713	4	3
42	Classification of tensors and fiber tracts using Mercer-kernels encoding soft probabilistic spatial and diffusion information 2009 ,		2
41	Atlas learning in fetal brain development. <i>Topics in Magnetic Resonance Imaging</i> , 2011 , 22, 107-11	2.3	2
40	Visualizing changes in vessel wall dynamics due to stent-grafting in the aortic arch 2012 ,		2
39	Sparsity, redundancy and optimal image support towards knowledge-based segmentation 2008 ,		2
38	Disentangling cortical functional connectivity strength and topography reveals divergent roles of genes and environment. <i>NeuroImage</i> , 2021 , 247, 118770	7.9	2
37	Datasets Created in VISCERAL 2017 , 69-84		2
36	Evaluation of Fast 2D and 3D Medical Image Retrieval Approaches Based on Image Miniatures. <i>Lecture Notes in Computer Science</i> , 2012 , 128-138	0.9	2
35	Constructing an un-biased whole body atlas from clinical imaging data by fragment bundling. <i>Lecture Notes in Computer Science</i> , 2013 , 16, 219-26	0.9	2
34	The Prenatal Origins of Human Brain Asymmetry: Lessons Learned from a Cohort of Fetuses with Body Lateralization Defects. <i>Cerebral Cortex</i> , 2021 , 31, 3713-3722	5.1	2

33	Analyzing Longitudinal wb-MRI Data and Clinical Course in a Cohort of Former Smoldering Multiple Myeloma Patients: Connections between MRI Findings and Clinical Progression Patterns. <i>Cancers</i> , 2021 , 13,	6.6	2
32	WGAN Latent Space Embeddings for Blast Identification in Childhood Acute Myeloid Leukaemia 2018 ,		2
31	Ethical and Privacy Aspects of Using Medical Image Data 2017 , 33-43		1
30	Rotation invariant eigenvessels and auto-context for retinal vessel detection 2015 ,		1
29	Predicting Treatment Response from Resting State fMRI Data: Comparison of Parcellation Approaches 2013 ,		1
28	Whole-body anatomy localization via classification and regression forests. <i>Medical Image Analysis</i> , 2013 , 17, 1282	15.4	1
27	Local Structure Detection with Orientation-invariant Radial Configuration 2007 ,		1
26	Motion Analysis of Endovascular Stent-Grafts by MDL Based Registration 2007 ,		1
25	MatVTK - 3D Visualization for Matlab 2009 ,		1
24	Reproducibility of Functional Connectivity Estimates in Motion Corrected Fetal fMRI. <i>Lecture Notes in Computer Science</i> , 2019 , 123-132	0.9	1
23	Workshop Multimodal Retrieval in the Medical Domain (MRMD) 2015. <i>Lecture Notes in Computer Science</i> , 2015 , 834-837	0.9	1
22	Overview of the 2013 Workshop on Medical Computer Vision (MCV 2013). <i>Lecture Notes in Computer Science</i> , 2014 , 3-10	0.9	1
21	Radiomics score predicts acute respiratory distress syndrome based on the initial CT scan after trauma. <i>European Radiology</i> , 2021 , 31, 5443-5453	8	1
20	Disentangling cortical functional connectivity strength and topography reveals divergent roles of genes and environment		1
19	The Prenatal Morphomechanic Impact of Agenesis of the Corpus Callosum on Human Brain Structure and Asymmetry. <i>Cerebral Cortex</i> , 2021 , 31, 4024-4037	5.1	1
18	Improve synthetic retinal OCT images with present of pathologies and textural information 2016 ,		1
17	Functional Imaging of the Prenatal Brain 2016 , 429-437		1
16	How does Radiomics actually work? - Review. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2021 , 193, 652-657	2.3	1

15	The impact of hippocampal impairment on task-positive and task-negative language networks in temporal lobe epilepsy. <i>Clinical Neurophysiology</i> , 2021 , 132, 404-411	4.3	1
14	Motion correction and volumetric reconstruction for fetal functional magnetic resonance imaging data.. <i>NeuroImage</i> , 2022 , 255, 119213	7.9	0
13	A Robust Matching Algorithm for Active Appearance Models 2005 , 355-359		
12	Computer-Assisted Quantification. <i>Medical Radiology</i> , 2020 , 75-101	0.2	
11	Overview of the First Workshop of Muldimodal Retrieval in the Medical Domain (MRMD 2015). <i>Lecture Notes in Computer Science</i> , 2015 , 1-7	0.9	
10	Overview of the 2015 Workshop on Medical Computer Vision Algorithms for Big Data (MCV 2015). <i>Lecture Notes in Computer Science</i> , 2016 , 3-9	0.9	
9	Retrieval of Medical Cases for Diagnostic Decisions: VISCERAL Retrieval Benchmark 2017 , 127-141		
8	Mapping Multi-Modal Routine Imaging Data to a Single Reference via Multiple Templates. <i>Lecture Notes in Computer Science</i> , 2017 , 341-348	0.9	
7	Assessing Reorganisation of Functional Connectivity in the Infant Brain. <i>Lecture Notes in Computer Science</i> , 2017 , 14-24	0.9	
6	Multivariate Manifold Modelling of Functional Connectivity in Developing Language Networks. <i>Lecture Notes in Computer Science</i> , 2017 , 311-322	0.9	
5	Overview of the 2013 Workshop on Medical Computer Vision (MCV 2013). <i>Lecture Notes in Computer Science</i> , 2014 , 3-10	0.9	
4	Overview of the 2014 Workshop on Medical Computer Vision Algorithms for Big Data (MCV 2014). <i>Lecture Notes in Computer Science</i> , 2014 , 3-10	0.9	
3	. <i>American Journal of Neuroradiology</i> , 2020 , 41, E47-E48	4.4	
2	The Digital Brain Tumour Atlas, an open histopathology resource.. <i>Scientific Data</i> , 2022 , 9, 55	8.2	
1	Imaging visuospatial memory in temporal lobe epilepsy-Results of an fMRI study.. <i>PLoS ONE</i> , 2022 , 17, e0264349	3.7	