

# Jian Yang

## 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.

146  
papers

2,185  
citations

23  
h-index

43  
g-index

173  
ext. papers

2,860  
ext. citations

4.9  
avg, IF

5.03  
L-index

#	Paper	IF	Citations
146	Multi-wall carbon nanotubes decorated with ZnO nanocrystals: mild solution-process synthesis and highly efficient microwave absorption properties at elevated temperature. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 10540	13	341
145	Artifact suppressed dictionary learning for low-dose CT image processing. <i>IEEE Transactions on Medical Imaging</i> , <b>2014</b> , 33, 2271-92	11.7	226
144	Curve-Like Structure Extraction Using Minimal Path Propagation With Backtracking. <i>IEEE Transactions on Image Processing</i> , <b>2016</b> , 25, 988-1003	8.7	118
143	Domain Progressive 3D Residual Convolution Network to Improve Low-Dose CT Imaging. <i>IEEE Transactions on Medical Imaging</i> , <b>2019</b> , 38, 2903-2913	11.7	70
142	Discriminative Feature Representation to Improve Projection Data Inconsistency for Low Dose CT Imaging. <i>IEEE Transactions on Medical Imaging</i> , <b>2017</b> , 36, 2499-2509	11.7	68
141	A Novel Augmented Reality Navigation System for Endoscopic Sinus and Skull Base Surgery: A Feasibility Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0146996	3.7	65
140	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2018</b> , 28, 1232-1247	6.4	64
139	Co-altered functional networks and brain structure in unmedicated patients with bipolar and major depressive disorders. <i>Brain Structure and Function</i> , <b>2017</b> , 222, 4051-4064	4	61
138	Video Saliency Detection Using Object Proposals. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 3159-3170	10.2	60
137	Structure-Adaptive Fuzzy Estimation for Random-Valued Impulse Noise Suppression. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2018</b> , 28, 414-427	6.4	59
136	Improving Low-Dose CT Image Using Residual Convolutional Network. <i>IEEE Access</i> , <b>2017</b> , 5, 24698-24705	3.5	58
135	Novel approach for 3-d reconstruction of coronary arteries from two uncalibrated angiographic images. <i>IEEE Transactions on Image Processing</i> , <b>2009</b> , 18, 1563-72	8.7	52
134	Renal Clearable Ag Nanodots for in Vivo Computer Tomography Imaging and Photothermal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 5900-5906	9.5	45
133	. <i>IEEE Access</i> , <b>2019</b> , 7, 20585-20595	3.5	45
132	Multichannel Fully Convolutional Network for Coronary Artery Segmentation in X-Ray Angiograms. <i>IEEE Access</i> , <b>2018</b> , 6, 44635-44643	3.5	34
131	Registration and fusion quantification of augmented reality based nasal endoscopic surgery. <i>Medical Image Analysis</i> , <b>2017</b> , 42, 241-256	15.4	30
130	Research on the sliding mode control for underactuated surface vessels via parameter estimation. <i>Nonlinear Dynamics</i> , <b>2018</b> , 91, 1163-1175	5	30

129	Quantitative Analysis of Deformable Model-Based 3-D Reconstruction of Coronary Artery From Multiple Angiograms. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2015</b> , 62, 2079-90	5	29
128	Augmented reality based real-time subcutaneous vein imaging system. <i>Biomedical Optics Express</i> , <b>2016</b> , 7, 2565-85	3.5	29
127	Linked 4-Way Multimodal Brain Differences in Schizophrenia in a Large Chinese Han Population. <i>Schizophrenia Bulletin</i> , <b>2019</b> , 45, 436-449	1.3	27
126	External force back-projective composition and globally deformable optimization for 3-D coronary artery reconstruction. <i>Physics in Medicine and Biology</i> , <b>2014</b> , 59, 975-1003	3.8	26
125	Multiresolution Elastic Registration of X-Ray Angiography Images Using Thin-Plate Spline. <i>IEEE Transactions on Nuclear Science</i> , <b>2007</b> , 54, 152-166	1.7	26
124	Convex hull indexed Gaussian mixture model (CH-GMM) for 3D point set registration. <i>Pattern Recognition</i> , <b>2016</b> , 59, 126-141	7.7	24
123	Automatic Deep Feature Learning via Patch-Based Deep Belief Network for Vertebrae Segmentation in CT Images. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 69	2.6	23
122	Discriminative feature representation: an effective postprocessing solution to low dose CT imaging. <i>Physics in Medicine and Biology</i> , <b>2017</b> , 62, 2103-2131	3.8	22
121	Automatic retinal vessel segmentation using multi-scale superpixel chain tracking <b>2018</b> , 81, 26-42		20
120	Dense biased networks with deep priori anatomy and hard region adaptation: Semi-supervised learning for fine renal artery segmentation. <i>Medical Image Analysis</i> , <b>2020</b> , 63, 101722	15.4	19
119	Automatic schizophrenic discrimination on fNIRS by using complex brain network analysis and SVM. <i>BMC Medical Informatics and Decision Making</i> , <b>2017</b> , 17, 166	3.6	18
118	Design of vascular networks: a mathematical model approach. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , <b>2013</b> , 29, 515-29	2.6	18
117	A competitive direct enzyme-linked immunosorbent assay for the rapid detection of deoxynivalenol: development and application in agricultural products and feedstuff. <i>Food and Agricultural Immunology</i> , <b>2017</b> , 28, 516-527	2.9	17
116	Dorsal hand vein recognition based on convolutional neural networks <b>2017</b> ,		16
115	Multimodal data revealed different neurobiological correlates of intelligence between males and females. <i>Brain Imaging and Behavior</i> , <b>2020</b> , 14, 1979-1993	4.1	16
114	Weakly-supervised convolutional neural networks of renal tumor segmentation in abdominal CTA images. <i>BMC Medical Imaging</i> , <b>2020</b> , 20, 37	2.9	16
113	Region-based saliency estimation for 3D shape analysis and understanding. <i>Neurocomputing</i> , <b>2016</b> , 197, 1-13	5.4	15
112	Liver tumor segmentation in CT volumes using an adversarial densely connected network. <i>BMC Bioinformatics</i> , <b>2019</b> , 20, 587	3.6	15

111	Automatic liver segmentation based on appearance and context information. <i>BioMedical Engineering OnLine</i> , <b>2017</b> , 16, 16	4.1	14
110	Feature Learning Based Random Walk for Liver Segmentation. <i>PLoS ONE</i> , <b>2016</b> , 11, e0164098	3.7	13
109	3-Points Convex Hull Matching (3PCHM) for fast and robust point set registration. <i>Neurocomputing</i> , <b>2016</b> , 194, 227-240	5.4	13
108	Sparse-view X-ray CT reconstruction with Gamma regularization. <i>Neurocomputing</i> , <b>2017</b> , 230, 251-269	5.4	12
107	Cerebrovascular segmentation from TOF-MRA using model- and data-driven method via sparse labels. <i>Neurocomputing</i> , <b>2020</b> , 380, 162-179	5.4	12
106	Bi-Based Z-Scheme Nanomaterials for the Photocatalytic Degradation of Organic Dyes. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 6418-6427	5.6	11
105	Adaptive Mesh Expansion Model (AMEM) for liver segmentation from CT image. <i>PLoS ONE</i> , <b>2015</b> , 10, e0118064	3.7	11
104	A vessel segmentation method for multi-modality angiographic images based on multi-scale filtering and statistical models. <i>BioMedical Engineering OnLine</i> , <b>2016</b> , 15, 120	4.1	11
103	Convex Hull Aided Registration Method (CHARM). <i>IEEE Transactions on Visualization and Computer Graphics</i> , <b>2017</b> , 23, 2042-2055	4	10
102	Correlation Between Mammographic Radiomics Features and the Level of Tumor-Infiltrating Lymphocytes in Patients With Triple-Negative Breast Cancer. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 412	5.3	10
101	Perception enhancement using importance-driven hybrid rendering for augmented reality based endoscopic surgical navigation. <i>Biomedical Optics Express</i> , <b>2018</b> , 9, 5205-5226	3.5	9
100	Phase unwrapping based on a residual en-decoder network for phase images in Fourier domain Doppler optical coherence tomography. <i>Biomedical Optics Express</i> , <b>2020</b> , 11, 1760-1771	3.5	8
99	Global Patch Matching (GPM) for freehand 3D ultrasound reconstruction. <i>BioMedical Engineering OnLine</i> , <b>2017</b> , 16, 124	4.1	7
98	Automatic vasculature identification in coronary angiograms by adaptive geometrical tracking. <i>Computational and Mathematical Methods in Medicine</i> , <b>2013</b> , 2013, 796342	2.8	7
97	Multiresolution Cube Propagation for 3-D Ultrasound Image Reconstruction. <i>IEEE Transactions on Computational Imaging</i> , <b>2019</b> , 5, 251-261	4.5	6
96	3D visualization ablation planning system assisted microwave ablation for hepatocellular carcinoma (Diameter >3): a precise clinical application. <i>BMC Cancer</i> , <b>2020</b> , 20, 44	4.8	6
95	Local incompressible registration for liver ablation surgery assessment. <i>Medical Physics</i> , <b>2017</b> , 44, 5873-5888	4.8	6
94	Adaptive Ridge Point Refinement for Seeds Detection in X-Ray Coronary Angiogram. <i>Computational and Mathematical Methods in Medicine</i> , <b>2015</b> , 2015, 502573	2.8	6

93	Automatic boundary segmentation of vascular Doppler optical coherence tomography images based on cascaded U-net architecture. <i>OSA Continuum</i> , <b>2019</b> , 2, 677	1.4	6
92	CuWO Nanodots for NIR-Induced Photodynamic and Chemodynamic Synergistic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 22150-22158	9.5	6
91	Meta grayscale adaptive network for 3D integrated renal structures segmentation. <i>Medical Image Analysis</i> , <b>2021</b> , 71, 102055	15.4	6
90	Topology Optimization Using Multiple-Possibility Fusion for Vasculature Extraction. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2020</b> , 30, 442-456	6.4	6
89	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2020</b> , 30, 1466-1480	6.4	6
88	Brain function, structure and genomic data are linked but show different sensitivity to duration of illness and disease stage in schizophrenia. <i>NeuroImage: Clinical</i> , <b>2019</b> , 23, 101887	5.3	5
87	Accurate measurement of granary stockpile volume based on fast registration of multi-station scans. <i>Remote Sensing Letters</i> , <b>2018</b> , 9, 569-577	2.3	5
86	Facile Synthesis of Near-Infrared Emissive CdS Quantum Dots for Live Cells Imaging. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2018</b> , 18, 2271-2277	1.3	5
85	Nonrigid registration for tracking incompressible soft tissues with sliding motion. <i>Medical Physics</i> , <b>2019</b> , 46, 4923-4939	4.4	5
84	Convolutional-neural-network-based feature extraction for liver segmentation from CT images <b>2019</b> ,		5
83	Stenosis-DetNet: Sequence consistency-based stenosis detection for X-ray coronary angiography. <i>Computerized Medical Imaging and Graphics</i> , <b>2021</b> , 89, 101900	7.6	5
82	Intrinsic layer based automatic specular reflection detection in endoscopic images. <i>Computers in Biology and Medicine</i> , <b>2021</b> , 128, 104106	7	5
81	Effects of heating, autoclaving and ultra-high pressure on the solubility, immunoreactivity and structure of major allergens in egg. <i>Food and Agricultural Immunology</i> , <b>2018</b> , 29, 412-423	2.9	5
80	Sparse deformation prediction using Markove Decision Processes (MDP) for Non-rigid registration of MR image. <i>Computer Methods and Programs in Biomedicine</i> , <b>2018</b> , 162, 47-59	6.9	5
79	Quantitation of Vascular Morphology by Directed Graph Construction. <i>IEEE Access</i> , <b>2019</b> , 7, 21609-21623,5	3.5	4
78	Deep feature descriptor based hierarchical dense matching for X-ray angiographic images. <i>Computer Methods and Programs in Biomedicine</i> , <b>2019</b> , 175, 233-242	6.9	4
77	Adaptive Tensor-Based Principal Component Analysis for Low-Dose CT Image Denoising. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126914	3.7	4
76	Heuristic tree searching for pose-independent 3D/2D rigid registration of vessel structures. <i>Physics in Medicine and Biology</i> , <b>2020</b> , 65, 055010	3.8	4

75	Local statistical deformation models for deformable image registration. <i>Neurocomputing</i> , <b>2018</b> , 303, 1-10	5.4	4
74	Geometrical force constraint method for vessel and x-ray angiogram simulation. <i>Journal of X-Ray Science and Technology</i> , <b>2016</b> , 24, 87-106	2.1	4
73	Sparse intervertebral fence composition for 3D cervical vertebra segmentation. <i>Physics in Medicine and Biology</i> , <b>2018</b> , 63, 115010	3.8	4
72	Time-jerk optimal trajectory planning for robotic manipulators <b>2013</b> ,		4
71	Automatic Segmentation of Coronary Angiograms Based on Probabilistic Tracking <b>2009</b> ,		4
70	PET Index of Bone Glucose Metabolism (PIBGM) Classification of PET/CT Data for Fever of Unknown Origin Diagnosis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0130173	3.7	4
69	Shape context and projection geometry constrained vasculature matching for 3D reconstruction of coronary artery. <i>Neurocomputing</i> , <b>2016</b> , 195, 65-73	5.4	4
68	Patch-Based Adaptive Background Subtraction for Vascular Enhancement in X-Ray Cineangiograms. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2019</b> , 23, 2563-2575	7.2	4
67	Deep feature regression (DFR) for 3D vessel segmentation. <i>Physics in Medicine and Biology</i> , <b>2019</b> , 64, 115006	3.8	3
66	Multi-level feature aggregation network for instrument identification of endoscopic images. <i>Physics in Medicine and Biology</i> , <b>2020</b> , 65, 165004	3.8	3
65	Convex hull matching and hierarchical decomposition for multimodality medical image registration. <i>Journal of X-Ray Science and Technology</i> , <b>2015</b> , 23, 253-65	2.1	3
64	Spatio-Temporal Constrained Online Layer Separation for Vascular Enhancement in X-Ray Angiographic Image Sequence. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2020</b> , 30, 3558-3570	6.4	3
63	A Scale Balanced Loss for Bounding Box Regression. <i>IEEE Access</i> , <b>2020</b> , 8, 108438-108448	3.5	3
62	Classification of schizophrenia using general linear model and support vector machine via fNIRS. <i>Physical and Engineering Sciences in Medicine</i> , <b>2020</b> , 43, 1151-1160	7	3
61	Positive Unanimous Voting Algorithm for Focal Cortical Dysplasia Detection on Magnetic Resonance Image. <i>Frontiers in Computational Neuroscience</i> , <b>2016</b> , 10, 25	3.5	3
60	Deep motion tracking from multiview angiographic image sequences for synchronization of cardiac phases. <i>Physics in Medicine and Biology</i> , <b>2019</b> , 64, 025018	3.8	3
59	An automatic framework for endoscopic image restoration and enhancement. <i>Applied Intelligence</i> , <b>2021</b> , 51, 1959-1971	4.9	3
58	Few-shot Learning for Deformable Medical Image Registration with Perception-Correspondence Decoupling and Reverse Teaching. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2021</b> , PP,	7.2	3

57	An Optoelectronic thermometer based on microscale infrared-to-visible conversion devices.. <i>Light: Science and Applications</i> , <b>2022</b> , 11, 130	16.7	3
56	Spatial probabilistic distribution map-based two-channel 3D U-net for visual pathway segmentation. <i>Pattern Recognition Letters</i> , <b>2020</b> , 138, 601-607	4.7	2
55	Endoscopic image feature matching via motion consensus and global bilateral regression. <i>Computer Methods and Programs in Biomedicine</i> , <b>2020</b> , 190, 105370	6.9	2
54	Multiple Features Decomposition for Subcutaneous Vein Extraction and Measurement. <i>IEEE Access</i> , <b>2018</b> , 6, 11265-11277	3.5	2
53	Multiresolution generalized N dimension PCA for ultrasound image denoising. <i>BioMedical Engineering OnLine</i> , <b>2014</b> , 13, 112	4.1	2
52	Feasibility of Augmented Reality-Guided Transjugular Intrahepatic Portosystemic Shunt. <i>Journal of Vascular and Interventional Radiology</i> , <b>2020</b> , 31, 2098-2103	2.4	2
51	Liver Segmentation in CT Images Using a Non-Local Fully Convolutional Neural Network <b>2019</b> ,		2
50	3D Convolutional Two-Stream Network for Action Recognition in Videos <b>2019</b> ,		2
49	A mobilized automatic human body measure system using neural network. <i>Multimedia Tools and Applications</i> , <b>2019</b> , 78, 11291-11311	2.5	2
48	Prior information constrained alternating direction method of multipliers for longitudinal compressive sensing MR imaging. <i>Neurocomputing</i> , <b>2020</b> , 376, 128-140	5.4	2
47	Iterative closest graph matching for non-rigid 3D/2D coronary arteries registration. <i>Computer Methods and Programs in Biomedicine</i> , <b>2021</b> , 199, 105901	6.9	2
46	Real-time navigation by three-dimensional virtual reconstruction models in robot-assisted laparoscopic pyeloplasty for ureteropelvic junction obstruction: our initial experience. <i>Translational Andrology and Urology</i> , <b>2021</b> , 10, 125-133	2.3	2
45	K-mer Counting: memory-efficient strategy, parallel computing and field of application for Bioinformatics <b>2018</b> ,		2
44	Multiple Classifier Fusion and Optimization for Automatic Focal Cortical Dysplasia Detection on Magnetic Resonance Images. <i>IEEE Access</i> , <b>2018</b> , 6, 73786-73801	3.5	2
43	Hole-filling based on content loss indexed 3D partial convolution network for freehand ultrasound reconstruction. <i>Computer Methods and Programs in Biomedicine</i> , <b>2021</b> , 211, 106421	6.9	2
42	A compactness based saliency approach for leakages detection in fluorescein angiogram. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2017</b> , 8, 1971-1979	3.8	1
41	Groupwise registration with global-local graph shrinkage in atlas construction. <i>Medical Image Analysis</i> , <b>2020</b> , 64, 101711	15.4	1
40	Open Curvature Scale Space Matching for Coronary Artery Identification in X-Ray Angiographic Images. <i>IEEE Access</i> , <b>2020</b> , 8, 16989-17001	3.5	1

39	Femoral head segmentation based on improved fully convolutional neural network for ultrasound images. <i>Signal, Image and Video Processing</i> , <b>2020</b> , 14, 1043-1051	1.6	1
38	Quantification of osteoarticular joint defects through bone segmentation and modeling. <i>Bio-Medical Materials and Engineering</i> , <b>2014</b> , 24, 3471-8	1	1
37	Fast and automatic ultrasound simulation from CT images. <i>Computational and Mathematical Methods in Medicine</i> , <b>2013</b> , 2013, 327613	2.8	1
36	Quantitative Analysis of Deformable Model based 3-D Reconstruction of Coronary Artery from Multiple Angiograms. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2014</b> , 1-1	5	1
35	Improved U-Net for Guidewire Tip Segmentation in X-ray Fluoroscopy Images <b>2019</b> ,		1
34	Dial/Hybrid Cascade 3DResUNet for Liver and Tumor Segmentation <b>2020</b> ,		1
33	Locality Preserving based Motion Consensus for Endoscopic Image Feature Matching <b>2020</b> ,		1
32	Enhanced Subtraction Image Guided Convolutional Neural Network for Coronary Artery Segmentation. <i>Communications in Computer and Information Science</i> , <b>2019</b> , 625-632	0.3	1
31	Optoelectronic sensing of biophysical and biochemical signals based on photon recycling of a micro-LED. <i>Nano Research</i> , <b>2021</b> , 14, 3208-3213	10	1
30	Discriminative feature representation for Noisy image quality assessment. <i>Multimedia Tools and Applications</i> , <b>2020</b> , 79, 7783-7809	2.5	1
29	Multiple feature-based portal vein classification for liver segment extraction. <i>Medical Physics</i> , <b>2021</b> , 48, 2354-2373	4.4	1
28	Multi-view Clustering with Latent Low-rank Proxy Graph Learning. <i>Cognitive Computation</i> , <b>2021</b> , 13, 1049-1060	4.1	1
27	Calibrating 3D Scanner in the Coordinate System of Optical Tracker for Image-To-Patient Registration. <i>Frontiers in Neurorobotics</i> , <b>2021</b> , 15, 636772	3.4	1
26	Monte Carlo Tree Search for 3D/2D Registration of Vessel Graphs <b>2019</b> ,		1
25	Inter/intra-frame constrained vascular segmentation in X-ray angiographic image sequence. <i>BMC Medical Informatics and Decision Making</i> , <b>2019</b> , 19, 270	3.6	1
24	Endoscopic Image Colorization Using Convolutional Neural Network <b>2019</b> ,		1
23	Four-Dimensional Wide-Field Ultrasound Reconstruction System With Sparse Respiratory Signal Matching. <i>IEEE Transactions on Computational Imaging</i> , <b>2021</b> , 7, 234-247	4.5	1
22	Anterior Mediastinal Lesion Segmentation Based on Two-Stage 3D ResUNet With Attention Gates and Lung Segmentation. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 618357	5.3	1



21	Cooperative Three-View Imaging Optical Coherence Tomography for Intraoperative Vascular Evaluation. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 1551	2.6	1
20	Ordered multi-path propagation for vessel centerline extraction. <i>Physics in Medicine and Biology</i> , <b>2021</b> , 66,	3.8	1
19	GSCFN: A graph self-construction and fusion network for semi-supervised brain tissue segmentation in MRI. <i>Neurocomputing</i> , <b>2021</b> , 455, 23-37	5.4	1
18	Dissected aorta segmentation using convolutional neural networks. <i>Computer Methods and Programs in Biomedicine</i> , <b>2021</b> , 211, 106417	6.9	1
17	Motion-flow-guided recurrent network for respiratory signal estimation of x-ray angiographic image sequences. <i>Physics in Medicine and Biology</i> , <b>2020</b> , 65, 245020	3.8	0
16	Feature matching for texture-less endoscopy images via superpixel vector field consistency.. <i>Biomedical Optics Express</i> , <b>2022</b> , 13, 2247-2265	3.5	0
15	Local Contractive Registration for Quantification of Tissue Shrinkage in Assessment of Microwave Ablation. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 126-134	0.9	0
14	NR4A1 Methylation Associated Multimodal Neuroimaging Patterns Impaired in Temporal Lobe Epilepsy. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 727	5.1	0
13	Epidemiological and numerical simulation of rabies spreading from canines to various human populations in mainland China. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0009527	4.8	0
12	Monitoring perfusion and oxygen saturation in port-wine stains during vascular targeted photodynamic therapy. <i>Annals of Translational Medicine</i> , <b>2021</b> , 9, 214	3.2	0
11	Hybrid constraint optimization for 3D subcutaneous vein reconstruction by near-infrared images. <i>Computer Methods and Programs in Biomedicine</i> , <b>2018</b> , 163, 123-133	6.9	0
10	Homography-based robust pose compensation and fusion imaging for augmented reality based endoscopic navigation system. <i>Computers in Biology and Medicine</i> , <b>2021</b> , 138, 104864	7	0
9	Recursive Centerline- and Direction-Aware Joint Learning Network with Ensemble Strategy for Vessel Segmentation in X-ray Angiography Images.. <i>Computer Methods and Programs in Biomedicine</i> , <b>2022</b> , 220, 106787	6.9	0
8	Robust Stereoscopic Crosstalk Prediction. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2018</b> , 28, 1158-1168	6.4	
7	Unbiased groupwise registration for shape prediction of foot scans. <i>Medical and Biological Engineering and Computing</i> , <b>2019</b> , 57, 1985-1998	3.1	
6	Divergence-Free Fitting-Based Incompressible Deformation Quantification of Liver. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2021</b> , 25, 720-736	7.2	
5	Quantitative analysis of bony birth canal for periacetabular osteotomy patient by template fitting. <i>Physics in Medicine and Biology</i> , <b>2021</b> , 66, 025007	3.8	
4	An Overview of Abdominal Multi-organ Segmentation. <i>Current Bioinformatics</i> , <b>2021</b> , 15, 866-877	4.7	

- 3 Multi-layer cube sampling for liver boundary detection in PET-CT images. *Australasian Physical and Engineering Sciences in Medicine*, **2018**, 41, 495-505 1.9
- 2 An optimal ablation time prediction model based on minimizing the relapse risk. *Computer Methods and Programs in Biomedicine*, **2021**, 212, 106438 6.9
- 1 Augmented reality navigation with real-time tracking for facial repair surgery.. *International Journal of Computer Assisted Radiology and Surgery*, **2022**, 1 3.9