

# Jian Yang

## List of Publications by Year in descending order

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172  
papers

3,501  
citations

172207

29  
h-index

168136

53  
g-index

173  
all docs

173  
docs citations

173  
times ranked

3714  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2014, 2, 10540.	5.2	420
2	Artifact Suppressed Dictionary Learning for Low-Dose CT Image Processing. <i>IEEE Transactions on Medical Imaging</i> , 2014, 33, 2271-2292.	5.4	265
3	Curve-Like Structure Extraction Using Minimal Path Propagation With Backtracking. <i>IEEE Transactions on Image Processing</i> , 2016, 25, 988-1003.	6.0	156
4	Domain Progressive 3D Residual Convolution Network to Improve Low-Dose CT Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 2903-2913.	5.4	147
5	3D Feature Constrained Reconstruction for Low-Dose CT Imaging. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018, 28, 1232-1247.	5.6	98
6	Discriminative Feature Representation to Improve Projection Data Inconsistency for Low Dose CT Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 2499-2509.	5.4	94
7	Improving Low-Dose CT Image Using Residual Convolutional Network. <i>IEEE Access</i> , 2017, 5, 24698-24705.	2.6	90
8	A Novel Augmented Reality Navigation System for Endoscopic Sinus and Skull Base Surgery: A Feasibility Study. <i>PLoS ONE</i> , 2016, 11, e0146996.	1.1	84
9	Deep Belief Network Modeling for Automatic Liver Segmentation. <i>IEEE Access</i> , 2019, 7, 20585-20595.	2.6	82
10	Video Saliency Detection Using Object Proposals. <i>IEEE Transactions on Cybernetics</i> , 2018, 48, 3159-3170.	6.2	81
11	Co-altered functional networks and brain structure in unmedicated patients with bipolar and major depressive disorders. <i>Brain Structure and Function</i> , 2017, 222, 4051-4064.	1.2	77
12	Structure-Adaptive Fuzzy Estimation for Random-Valued Impulse Noise Suppression. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018, 28, 414-427.	5.6	72
13	Novel Approach for 3-D Reconstruction of Coronary Arteries From Two Uncalibrated Angiographic Images. <i>IEEE Transactions on Image Processing</i> , 2009, 18, 1563-1572.	6.0	67
14	Renal Clearable Ag Nanodots for in Vivo Computer Tomography Imaging and Photothermal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 5900-5906.	4.0	64
15	Multichannel Fully Convolutional Network for Coronary Artery Segmentation in X-Ray Angiograms. <i>IEEE Access</i> , 2018, 6, 44635-44643.	2.6	53
16	Automatic Deep Feature Learning via Patch-Based Deep Belief Network for Vertebrae Segmentation in CT Images. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 69.	1.3	46
17	Multimodal data revealed different neurobiological correlates of intelligence between males and females. <i>Brain Imaging and Behavior</i> , 2020, 14, 1979-1993.	1.1	45
18	Augmented reality based real-time subcutaneous vein imaging system. <i>Biomedical Optics Express</i> , 2016, 7, 2565.	1.5	44

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19	Research on the sliding mode control for underactuated surface vessels via parameter estimation. <i>Nonlinear Dynamics</i> , 2018, 91, 1163-1175.	2.7	43
20	Dense biased networks with deep priori anatomy and hard region adaptation: Semi-supervised learning for fine renal artery segmentation. <i>Medical Image Analysis</i> , 2020, 63, 101722.	7.0	43
21	Registration and fusion quantification of augmented reality based nasal endoscopic surgery. <i>Medical Image Analysis</i> , 2017, 42, 241-256.	7.0	41
22	Convex hull indexed Gaussian mixture model (CH-GMM) for 3D point set registration. <i>Pattern Recognition</i> , 2016, 59, 126-141.	5.1	39
23	Linked 4-Way Multimodal Brain Differences in Schizophrenia in a Large Chinese Han Population. <i>Schizophrenia Bulletin</i> , 2019, 45, 436-449.	2.3	38
24	Discriminative feature representation: an effective postprocessing solution to low dose CT imaging. <i>Physics in Medicine and Biology</i> , 2017, 62, 2103-2131.	1.6	36
25	Quantitative Analysis of Deformable Model-Based 3-D Reconstruction of Coronary Artery From Multiple Angiograms. <i>IEEE Transactions on Biomedical Engineering</i> , 2015, 62, 2079-2090.	2.5	35
26	Automatic schizophrenic discrimination on fNIRS by using complex brain network analysis and SVM. <i>BMC Medical Informatics and Decision Making</i> , 2017, 17, 166.	1.5	35
27	CuWO <sub>4</sub> Nanodots for NIR-Induced Photodynamic and Chemodynamic Synergistic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 22150-22158.	4.0	34
28	Dorsal hand vein recognition based on convolutional neural networks. , 2017, , .		33
29	Multiresolution Elastic Registration of X-Ray Angiography Images Using Thin-Plate Spline. <i>IEEE Transactions on Nuclear Science</i> , 2007, 54, 152-166.	1.2	30
30	External force back-projective composition and globally deformable optimization for 3-D coronary artery reconstruction. <i>Physics in Medicine and Biology</i> , 2014, 59, 975-1003.	1.6	30
31	Weakly-supervised convolutional neural networks of renal tumor segmentation in abdominal CTA images. <i>BMC Medical Imaging</i> , 2020, 20, 37.	1.4	30
32	Design of vascular networks: A mathematical model approach. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2013, 29, 515-529.	1.0	29
33	Automatic retinal vessel segmentation using multi-scale superpixel chain tracking. , 2018, 81, 26-42.		28
34	Bi-Based Z-Scheme Nanomaterials for the Photocatalytic Degradation of Organic Dyes. <i>ACS Applied Nano Materials</i> , 2019, 2, 6418-6427.	2.4	28
35	Liver tumor segmentation in CT volumes using an adversarial densely connected network. <i>BMC Bioinformatics</i> , 2019, 20, 587.	1.2	27
36	Cerebrovascular segmentation from TOF-MRA using model- and data-driven method via sparse labels. <i>Neurocomputing</i> , 2020, 380, 162-179.	3.5	25

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37	Correlation Between Mammographic Radiomics Features and the Level of Tumor-Infiltrating Lymphocytes in Patients With Triple-Negative Breast Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 412.	1.3	24
38	Phase unwrapping based on a residual en-decoder network for phase images in Fourier domain Doppler optical coherence tomography. <i>Biomedical Optics Express</i> , 2020, 11, 1760.	1.5	24
39	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> , 2017, 28, 516-527.	0.7	23
40	An Optoelectronic thermometer based on microscale infrared-to-visible conversion devices. <i>Light: Science and Applications</i> , 2022, 11, 130.	7.7	22
41	Meta grayscale adaptive network for 3D integrated renal structures segmentation. <i>Medical Image Analysis</i> , 2021, 71, 102055.	7.0	21
42	Sparse-view X-ray CT reconstruction with Gamma regularization. <i>Neurocomputing</i> , 2017, 230, 251-269.	3.5	20
43	3D visualization ablation planning system assisted microwave ablation for hepatocellular carcinoma (Diameter >3): a precise clinical application. <i>BMC Cancer</i> , 2020, 20, 44.	1.1	19
44	Stenosis-DetNet: Sequence consistency-based stenosis detection for X-ray coronary angiography. <i>Computerized Medical Imaging and Graphics</i> , 2021, 89, 101900.	3.5	19
45	Convolutional-neural-network-based feature extraction for liver segmentation from CT images. , 2019, , .		18
46	A vessel segmentation method for multi-modality angiographic images based on multi-scale filtering and statistical models. <i>BioMedical Engineering OnLine</i> , 2016, 15, 120.	1.3	17
47	3-Points Convex Hull Matching (3PCHM) for fast and robust point set registration. <i>Neurocomputing</i> , 2016, 194, 227-240.	3.5	17
48	Automatic liver segmentation based on appearance and context information. <i>BioMedical Engineering OnLine</i> , 2017, 16, 16.	1.3	17
49	Region-based saliency estimation for 3D shape analysis and understanding. <i>Neurocomputing</i> , 2016, 197, 1-13.	3.5	16
50	Local incompressible registration for liver ablation surgery assessment. <i>Medical Physics</i> , 2017, 44, 5873-5888.	1.6	16
51	Perception enhancement using importance-driven hybrid rendering for augmented reality based endoscopic surgical navigation. <i>Biomedical Optics Express</i> , 2018, 9, 5205.	1.5	16
52	Feature Learning Based Random Walk for Liver Segmentation. <i>PLoS ONE</i> , 2016, 11, e0164098.	1.1	16
53	Convex Hull Aided Registration Method (CHARM). <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2017, 23, 2042-2055.	2.9	15
54	Greedy Soft Matching for Vascular Tracking of Coronary Angiographic Image Sequences. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020, 30, 1466-1480.	5.6	15

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55	Few-Shot Learning for Deformable Medical Image Registration With Perception-Correspondence Decoupling and Reverse Teaching. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1177-1187.	3.9	15
56	Adaptive Mesh Expansion Model (AMEM) for Liver Segmentation from CT Image. PLoS ONE, 2015, 10, e0118064.	1.1	15
57	Brain function, structure and genomic data are linked but show different sensitivity to duration of illness and disease stage in schizophrenia. NeuroImage: Clinical, 2019, 23, 101887.	1.4	14
58	Topology Optimization Using Multiple-Possibility Fusion for Vasculature Extraction. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 442-456.	5.6	14
59	An automatic framework for endoscopic image restoration and enhancement. Applied Intelligence, 2021, 51, 1959-1971.	3.3	12
60	Shape context and projection geometry constrained vasculature matching for 3D reconstruction of coronary artery. Neurocomputing, 2016, 195, 65-73.	3.5	11
61	Effects of heating, autoclaving and ultra-high pressure on the solubility, immunoreactivity and structure of major allergens in egg. Food and Agricultural Immunology, 2018, 29, 412-423.	0.7	11
62	Classification of schizophrenia using general linear model and support vector machine via fNIRS. Physical and Engineering Sciences in Medicine, 2020, 43, 1151-1160.	1.3	11
63	Endoscopic image feature matching via motion consensus and global bilateral regression. Computer Methods and Programs in Biomedicine, 2020, 190, 105370.	2.6	11
64	Intrinsic layer based automatic specular reflection detection in endoscopic images. Computers in Biology and Medicine, 2021, 128, 104106.	3.9	11
65	Iterative closest graph matching for non-rigid 3D/2D coronary arteries registration. Computer Methods and Programs in Biomedicine, 2021, 199, 105901.	2.6	11
66	Automatic boundary segmentation of vascular Doppler optical coherence tomography images based on cascaded U-net architecture. OSA Continuum, 2019, 2, 677.	1.8	11
67	Global Patch Matching (GPM) for freehand 3D ultrasound reconstruction. BioMedical Engineering OnLine, 2017, 16, 124.	1.3	10
68	Nonrigid registration for tracking incompressible soft tissues with sliding motion. Medical Physics, 2019, 46, 4923-4939.	1.6	10
69	Multi-level feature aggregation network for instrument identification of endoscopic images. Physics in Medicine and Biology, 2020, 65, 165004.	1.6	10
70	Time-jerk optimal trajectory planning for robotic manipulators. , 2013, , .		9
71	Automatic Vasculature Identification in Coronary Angiograms by Adaptive Geometrical Tracking. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-11.	0.7	9
72	Accurate measurement of granary stockpile volume based on fast registration of multi-station scans. Remote Sensing Letters, 2018, 9, 569-577.	0.6	9

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73	Multiresolution Cube Propagation for 3-D Ultrasound Image Reconstruction. IEEE Transactions on Computational Imaging, 2019, 5, 251-261.	2.6	9
74	Patch-Based Adaptive Background Subtraction for Vascular Enhancement in X-Ray Cineangiograms. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 2563-2575.	3.9	9
75	A Scale Balanced Loss for Bounding Box Regression. IEEE Access, 2020, 8, 108438-108448.	2.6	9
76	Heuristic tree searching for pose-independent 3D/2D rigid registration of vessel structures. Physics in Medicine and Biology, 2020, 65, 055010.	1.6	9
77	Optoelectronic sensing of biophysical and biochemical signals based on photon recycling of a micro-LED. Nano Research, 2021, 14, 3208-3213.	5.8	9
78	Augmented reality calibration using feature triangulation iteration-based registration for surgical navigation. Computers in Biology and Medicine, 2022, 148, 105826.	3.9	9
79	Adaptive Tensor-Based Principal Component Analysis for Low-Dose CT Image Denoising. PLoS ONE, 2015, 10, e0126914.	1.1	8
80	Spatio-Temporal Constrained Online Layer Separation for Vascular Enhancement in X-Ray Angiographic Image Sequence. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3558-3570.	5.6	8
81	Feasibility of Augmented Reality-Guided Transjugular Intrahepatic Portosystemic Shunt. Journal of Vascular and Interventional Radiology, 2020, 31, 2098-2103.	0.2	8
82	Four-Dimensional Wide-Field Ultrasound Reconstruction System With Sparse Respiratory Signal Matching. IEEE Transactions on Computational Imaging, 2021, 7, 234-247.	2.6	8
83	Multi-view Clustering with Latent Low-rank Proxy Graph Learning. Cognitive Computation, 2021, 13, 1049-1060.	3.6	8
84	Calibrating 3D Scanner in the Coordinate System of Optical Tracker for Image-To-Patient Registration. Frontiers in Neurorobotics, 2021, 15, 636772.	1.6	8
85	Epidemiological and numerical simulation of rabies spreading from canines to various human populations in mainland China. PLoS Neglected Tropical Diseases, 2021, 15, e0009527.	1.3	8
86	Improved U-Net for Guidewire Tip Segmentation in X-ray Fluoroscopy Images. , 2019, , .		8
87	Fusion Siamese network with drift correction for target tracking in ultrasound sequences. Physics in Medicine and Biology, 2022, 67, 045018.	1.6	8
88	Fast and Automatic Ultrasound Simulation from CT Images. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-13.	0.7	7
89	Adaptive Ridge Point Refinement for Seeds Detection in X-Ray Coronary Angiogram. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-10.	0.7	7
90	Deep feature regression (DFR) for 3D vessel segmentation. Physics in Medicine and Biology, 2019, 64, 115006.	1.6	7

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91	GSCFN: A graph self-construction and fusion network for semi-supervised brain tissue segmentation in MRI. <i>Neurocomputing</i> , 2021, 455, 23-37.	3.5	7
92	Dissected aorta segmentation using convolutional neural networks. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 211, 106417.	2.6	7
93	Portal Vein and Hepatic Vein Segmentation in Multi-Phase MR Images Using Flow-Guided Change Detection. <i>IEEE Transactions on Image Processing</i> , 2022, 31, 2503-2517.	6.0	7
94	Local statistical deformation models for deformable image registration. <i>Neurocomputing</i> , 2018, 303, 1-10.	3.5	6
95	Sparse deformation prediction using Markove Decision Processes (MDP) for Non-rigid registration of MR image. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 162, 47-59.	2.6	6
96	Quantitation of Vascular Morphology by Directed Graph Construction. <i>IEEE Access</i> , 2019, 7, 21609-21622.	2.6	6
97	Spatial probabilistic distribution map-based two-channel 3D U-net for visual pathway segmentation. <i>Pattern Recognition Letters</i> , 2020, 138, 601-607.	2.6	6
98	Automatic Segmentation of Coronary Angiograms Based on Probabilistic Tracking. , 2009, , .		5
99	Sparse intervertebral fence composition for 3D cervical vertebra segmentation. <i>Physics in Medicine and Biology</i> , 2018, 63, 115010.	1.6	5
100	Facile Synthesis of Near-Infrared Emissive CdS Quantum Dots for Live Cells Imaging. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 2271-2277.	0.9	5
101	Deep feature descriptor based hierarchical dense matching for X-ray angiographic images. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 175, 233-242.	2.6	5
102	Liver Segmentation in CT Images Using a Non-Local Fully Convolutional Neural Network. , 2019, , .		5
103	A mobilized automatic human body measure system using neural network. <i>Multimedia Tools and Applications</i> , 2019, 78, 11291-11311.	2.6	5
104	Prior information constrained alternating direction method of multipliers for longitudinal compressive sensing MR imaging. <i>Neurocomputing</i> , 2020, 376, 128-140.	3.5	5
105	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> , 2021, 10, 125-133.	0.6	5
106	Monitoring perfusion and oxygen saturation in port-wine stains during vascular targeted photodynamic therapy. <i>Annals of Translational Medicine</i> , 2021, 9, 214-214.	0.7	5
107	Local-global active contour model based on tensor-based representation for 3D ultrasound vessel segmentation. <i>Physics in Medicine and Biology</i> , 2021, 66, 115017.	1.6	5
108	PET Index of Bone Glucose Metabolism (PIBGM) Classification of PET/CT Data for Fever of Unknown Origin Diagnosis. <i>PLoS ONE</i> , 2015, 10, e0130173.	1.1	5

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109	Dial/Hybrid Cascade 3DResUNet for Liver and Tumor Segmentation. , 2020, , .		5
110	Augmented reality navigation with real-time tracking for facial repair surgery. International Journal of Computer Assisted Radiology and Surgery, 2022, 17, 981-991.	1.7	5
111	Recursive Centerline- and Direction-Aware Joint Learning Network with Ensemble Strategy for Vessel Segmentation in X-ray Angiography Images. Computer Methods and Programs in Biomedicine, 2022, 220, 106787.	2.6	5
112	Image denoising using K-SVD and non-local means. , 2014, , .		4
113	Positive Unanimous Voting Algorithm for Focal Cortical Dysplasia Detection on Magnetic Resonance Image. Frontiers in Computational Neuroscience, 2016, 10, 25.	1.2	4
114	Geometrical force constraint method for vessel and x-ray angiogram simulation. Journal of X-Ray Science and Technology, 2016, 24, 87-106.	0.7	4
115	3D Convolutional Two-Stream Network for Action Recognition in Videos. , 2019, , .		4
116	Femoral head segmentation based on improved fully convolutional neural network for ultrasound images. Signal, Image and Video Processing, 2020, 14, 1043-1051.	1.7	4
117	Hole-filling based on content loss indexed 3D partial convolution network for freehand ultrasound reconstruction. Computer Methods and Programs in Biomedicine, 2021, 211, 106421.	2.6	4
118	Enhanced Subtraction Image Guided Convolutional Neural Network for Coronary Artery Segmentation. Communications in Computer and Information Science, 2019, , 625-632.	0.4	4
119	Multiresolution generalized N dimension PCA for ultrasound image denoising. BioMedical Engineering OnLine, 2014, 13, 112.	1.3	3
120	Convex hull matching and hierarchical decomposition for multimodality medical image registration. Journal of X-Ray Science and Technology, 2015, 23, 253-265.	0.7	3
121	A compactness based saliency approach for leakages detection in fluorescein angiogram. International Journal of Machine Learning and Cybernetics, 2017, 8, 1971-1979.	2.3	3
122	Multiple Features Decomposition for Subcutaneous Vein Extraction and Measurement. IEEE Access, 2018, 6, 11265-11277.	2.6	3
123	Multiple Classifier Fusion and Optimization for Automatic Focal Cortical Dysplasia Detection on Magnetic Resonance Images. IEEE Access, 2018, 6, 73786-73801.	2.6	3
124	Endoscopic Image Colorization Using Convolutional Neural Network. , 2019, , .		3
125	Deep motion tracking from multiview angiographic image sequences for synchronization of cardiac phases. Physics in Medicine and Biology, 2019, 64, 025018.	1.6	3
126	Groupwise registration with global-local graph shrinkage in atlas construction. Medical Image Analysis, 2020, 64, 101711.	7.0	3



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127	Divergence-Free Fitting-Based Incompressible Deformation Quantification of Liver. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 720-736.	3.9	3
128	Anterior Mediastinal Lesion Segmentation Based on Two-Stage 3D ResUNet With Attention Gates and Lung Segmentation. Frontiers in Oncology, 2020, 10, 618357.	1.3	3
129	Homography-based robust pose compensation and fusion imaging for augmented reality based endoscopic navigation system. Computers in Biology and Medicine, 2021, 138, 104864.	3.9	3
130	MVSGAN: Spatial-Aware Multi-View CMR Fusion for Accurate 3D Left Ventricular Myocardium Segmentation. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 2264-2275.	3.9	3
131	Feature matching for texture-less endoscopy images via superpixel vector field consistency. Biomedical Optics Express, 2022, 13, 2247.	1.5	3
132	CC-DenseUNet: Densely Connected U-Net with Criss-Cross Attention for Liver and Tumor Segmentation in CT Volumes. , 2021, , .		3
133	Endoscopy image enhancement method by generalized imaging defect models based adversarial training. Physics in Medicine and Biology, 2022, 67, 095016.	1.6	3
134	Emerging Optoelectronic Devices Based on Microscale LEDs and Their Use as Implantable Biomedical Applications. Micromachines, 2022, 13, 1069.	1.4	3
135	K-mer Counting: memory-efficient strategy, parallel computing and field of application for Bioinformatics. , 2018, , .		2
136	Hybrid constraint optimization for 3D subcutaneous vein reconstruction by near-infrared images. Computer Methods and Programs in Biomedicine, 2018, 163, 123-133.	2.6	2
137	Inter/intra-frame constrained vascular segmentation in X-ray angiographic image sequence. BMC Medical Informatics and Decision Making, 2019, 19, 270.	1.5	2
138	NR4A1 Methylation Associated Multimodal Neuroimaging Patterns Impaired in Temporal Lobe Epilepsy. Frontiers in Neuroscience, 2020, 14, 727.	1.4	2
139	Motion-flow-guided recurrent network for respiratory signal estimation of x-ray angiographic image sequences. Physics in Medicine and Biology, 2020, 65, 245020.	1.6	2
140	Open Curvature Scale Space Matching for Coronary Artery Identification in X-Ray Angiographic Images. IEEE Access, 2020, 8, 16989-17001.	2.6	2
141	An Overview of Abdominal Multi-organ Segmentation. Current Bioinformatics, 2021, 15, 866-877.	0.7	2
142	Ordered multi-path propagation for vessel centerline extraction. Physics in Medicine and Biology, 2021, 66, 155004.	1.6	2
143	An optimal ablation time prediction model based on minimizing the relapse risk. Computer Methods and Programs in Biomedicine, 2021, 212, 106438.	2.6	2
144	Local Contractive Registration for Quantification of Tissue Shrinkage in Assessment of Microwave Ablation. Lecture Notes in Computer Science, 2020, , 126-134.	1.0	2

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145	Short-Term Impacts of Meteorology, Air Pollution, and Internet Search Data on Viral Diarrhea Infection among Children in Jilin Province, China. International Journal of Environmental Research and Public Health, 2021, 18, 11615.	1.2	2
146	Automatic radiofrequency ablation planning for liver tumors. , 2021, , .		2
147	Independent-on-model friction compensation study for high-precision servo system based on linear driver. , 2010, , .		1
148	Quantification of osteoarticular joint defects through bone segmentation and modeling. Bio-Medical Materials and Engineering, 2014, 24, 3471-3478.	0.4	1
149	Cooperative Three-View Imaging Optical Coherence Tomography for Intraoperative Vascular Evaluation. Applied Sciences (Switzerland), 2018, 8, 1551.	1.3	1
150	Unbiased groupwise registration for shape prediction of foot scans. Medical and Biological Engineering and Computing, 2019, 57, 1985-1998.	1.6	1
151	Monte Carlo Tree Search for 3D/2D Registration of Vessel Graphs. , 2019, , .		1
152	Discriminative feature representation for Noisy image quality assessment. Multimedia Tools and Applications, 2020, 79, 7783-7809.	2.6	1
153	Quantitative analysis of bony birth canal for periacetabular osteotomy patient by template fitting. Physics in Medicine and Biology, 2021, 66, 025007.	1.6	1
154	Multiple feature-based portal vein classification for liver segment extraction. Medical Physics, 2021, 48, 2354-2373.	1.6	1
155	Locality Preserving based Motion Consensus for Endoscopic Image Feature Matching. , 2020, , .		1
156	Quantitative Analysis of Deformable Model based 3-D Reconstruction of Coronary Artery from Multiple Angiograms. IEEE Transactions on Biomedical Engineering, 2014, , 1-1.	2.5	1
157	iMSTK-based Microwave Ablation Training System for Liver Tumors. , 2022, , .		1
158	A method on trajectory plan for humanoid space robot. , 2011, , .		0
159	Vascular Tree Matching from Multiple View Projections. , 2011, , .		0
160	A novel non-contact interactive medical image viewing system. , 2012, , .		0
161	Cerebral vascular enhancement using a weighted 3D symmetry filter. , 2017, , .		0
162	Classification of Patients with Disorder of Consciousness Based on DTI Sequence Analysis. , 2017, , .		0

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163	Robust Stereoscopic Crosstalk Prediction. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 1158-1168.	5.6	0
164	Multi-layer cube sampling for liver boundary detection in PET-CT images. Australasian Physical and Engineering Sciences in Medicine, 2018, 41, 495-505.	1.4	0
165	Towards Personalized Deformable and Mix-supervised Model for Robust MR-US Registration. , 2019, , .		0
166	A Structural Saliency-Based Approach for Automatic Intrahepatic Vascular Separation From Contrast-Enhanced Multi-Phase MR Images. , 2021, , .		0
167	Stenosis Detection of X-Ray Coronary Angiographic Image Sequence. , 2021, , .		0
168	2D/3D US-TO-MRI RIGID REGISTRATION BY DEEP LEARNING. , 2021, , .		0
169	Venous Tree Separation based on Local Feature. , 2020, , .		0
170	A General Endoscopic Image Enhancement Method Based on Pre-trained Generative Adversarial Networks. , 2020, , .		0
171	Multi-modal Image Fusion based Anatomical Shape Model for Low-contrast Anterior Visual Pathway and Medial Rectus Muscle Segmentation in CT Images. , 2019, , .		0
172	An Optical Tracking System with Defaced Marker Detection. , 2021, , .		0