

# Jing Qin

## List of Publications by Year in descending order

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292  
papers

13,023  
citations

36203

51  
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all docs

300  
docs citations

300  
times ranked

12263  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated Melanoma Recognition in Dermoscopy Images via Very Deep Residual Networks. IEEE Transactions on Medical Imaging, 2017, 36, 994-1004.	5.4	763
2	VoxResNet: Deep voxelwise residual networks for brain segmentation from 3D MR images. NeuroImage, 2018, 170, 446-455.	2.1	539
3	Automatic Detection of Cerebral Microbleeds From MR Images via 3D Convolutional Neural Networks. IEEE Transactions on Medical Imaging, 2016, 35, 1182-1195.	5.4	507
4	Computer-Aided Diagnosis with Deep Learning Architecture: Applications to Breast Lesions in US Images and Pulmonary Nodules in CT Scans. Scientific Reports, 2016, 6, 24454.	1.6	488
5	3D deeply supervised network for automated segmentation of volumetric medical images. Medical Image Analysis, 2017, 41, 40-54.	7.0	444
6	Multilevel Contextual 3-D CNNs for False Positive Reduction in Pulmonary Nodule Detection. IEEE Transactions on Biomedical Engineering, 2017, 64, 1558-1567.	2.5	436
7	DCAN: Deep contour-aware networks for object instance segmentation from histology images. Medical Image Analysis, 2017, 36, 135-146.	7.0	361
8	Standard Plane Localization in Fetal Ultrasound via Domain Transferred Deep Neural Networks. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 1627-1636.	3.9	291
9	R <sup>3</sup> Net: Recurrent Residual Refinement Network for Saliency Detection. , 2018, , .		253
10	Enabling Identity-Based Integrity Auditing and Data Sharing With Sensitive Information Hiding for Secure Cloud Storage. IEEE Transactions on Information Forensics and Security, 2019, 14, 331-346.	4.5	242
11	Unsupervised Bidirectional Cross-Modality Adaptation via Deeply Synergistic Image and Feature Alignment for Medical Image Segmentation. IEEE Transactions on Medical Imaging, 2020, 39, 2494-2505.	5.4	230
12	SINet: A Scale-Insensitive Convolutional Neural Network for Fast Vehicle Detection. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 1010-1019.	4.7	199
13	3D Deeply Supervised Network for Automatic Liver Segmentation from CT Volumes. Lecture Notes in Computer Science, 2016, , 149-157.	1.0	191
14	Computer-Assisted Decision Support System in Pulmonary Cancer detection and stage classification on CT images. Journal of Biomedical Informatics, 2018, 79, 117-128.	2.5	186
15	Integrating Online and Offline Three-Dimensional Deep Learning for Automated Polyp Detection in Colonoscopy Videos. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 65-75.	3.9	184
16	SV-RCNet: Workflow Recognition From Surgical Videos Using Recurrent Convolutional Network. IEEE Transactions on Medical Imaging, 2018, 37, 1114-1126.	5.4	184
17	A survey on application of machine learning for Internet of Things. International Journal of Machine Learning and Cybernetics, 2018, 9, 1399-1417.	2.3	179
18	Melanoma Recognition in Dermoscopy Images via Aggregated Deep Convolutional Features. IEEE Transactions on Biomedical Engineering, 2019, 66, 1006-1016.	2.5	172

#	ARTICLE	IF	CITATIONS
19	FedDG: Federated Domain Generalization on Medical Image Segmentation via Episodic Learning in Continuous Frequency Space. , 2021, , .		159
20	Skin lesion segmentation via generative adversarial networks with dual discriminators. Medical Image Analysis, 2020, 64, 101716.	7.0	156
21	Direction-Aware Spatial Context Features for Shadow Detection. , 2018, , .		142
22	Deep Attentive Features for Prostate Segmentation in 3D Transrectal Ultrasound. IEEE Transactions on Medical Imaging, 2019, 38, 2768-2778.	5.4	126
23	Quantitative analysis of patients with celiac disease by video capsule endoscopy: A deep learning method. Computers in Biology and Medicine, 2017, 85, 1-6.	3.9	125
24	Mixture correntropy for robust learning. Pattern Recognition, 2018, 79, 318-327.	5.1	120
25	Ultrasound Standard Plane Detection Using a Composite Neural Network Framework. IEEE Transactions on Cybernetics, 2017, 47, 1576-1586.	6.2	118
26	Automatic Scoring of Multiple Semantic Attributes With Multi-Task Feature Leverage: A Study on Pulmonary Nodules in CT Images. IEEE Transactions on Medical Imaging, 2017, 36, 802-814.	5.4	116
27	Multi-task recurrent convolutional network with correlation loss for surgical video analysis. Medical Image Analysis, 2020, 59, 101572.	7.0	116
28	Direction-Aware Spatial Context Features for Shadow Detection and Removal. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 2795-2808.	9.7	115
29	Bidirectional Feature Pyramid Network with Recurrent Attention Residual Modules for Shadow Detection. Lecture Notes in Computer Science, 2018, , 122-137.	1.0	112
30	SCS-Net: A Scale and Context Sensitive Network for Retinal Vessel Segmentation. Medical Image Analysis, 2021, 70, 102025.	7.0	111
31	Automatic 3D Cardiovascular MR Segmentation with Densely-Connected Volumetric ConvNets. Lecture Notes in Computer Science, 2017, , 287-295.	1.0	105
32	Brain tumor segmentation from multimodal magnetic resonance images via sparse representation. Artificial Intelligence in Medicine, 2016, 73, 1-13.	3.8	97
33	Automated Skin Lesion Segmentation Via an Adaptive Dual Attention Module. IEEE Transactions on Medical Imaging, 2021, 40, 357-370.	5.4	97
34	A deeply supervised residual network for HEP-2 cell classification via cross-modal transfer learning. Pattern Recognition, 2018, 79, 290-302.	5.1	95
35	Blood pressure control and adverse outcomes of COVID-19 infection in patients with concomitant hypertension in Wuhan, China. Hypertension Research, 2020, 43, 1267-1276.	1.5	91
36	Automated Pulmonary Nodule Detection via 3D ConvNets with Online Sample Filtering and Hybrid-Loss Residual Learning. Lecture Notes in Computer Science, 2017, , 630-638.	1.0	90

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37	PSO-ELM: A Hybrid Learning Model for Short-Term Traffic Flow Forecasting. IEEE Access, 2020, 8, 6505-6514.	2.6	87
38	Deep Multi-Model Fusion for Single-Image Dehazing. , 2019, , .		85
39	Automatic Fetal Ultrasound Standard Plane Detection Using Knowledge Transferred Recurrent Neural Networks. Lecture Notes in Computer Science, 2015, , 507-514.	1.0	83
40	Î-agree AdaBoost stacked autoencoder for short-term traffic flow forecasting. Neurocomputing, 2017, 247, 31-38.	3.5	81
41	Multi-Task Deep Model With Margin Ranking Loss for Lung Nodule Analysis. IEEE Transactions on Medical Imaging, 2020, 39, 718-728.	5.4	80
42	Automatic Localization and Identification of Vertebrae in Spine CT via a Joint Learning Model with Deep Neural Networks. Lecture Notes in Computer Science, 2015, , 515-522.	1.0	78
43	Towards Automated Semantic Segmentation in Prenatal Volumetric Ultrasound. IEEE Transactions on Medical Imaging, 2019, 38, 180-193.	5.4	77
44	Hybrid dual Kalman filtering model for short-term traffic flow forecasting. IET Intelligent Transport Systems, 2019, 13, 1023-1032.	1.7	77
45	A noise-immune Kalman filter for short-term traffic flow forecasting. Physica A: Statistical Mechanics and Its Applications, 2019, 536, 122601.	1.2	77
46	Single Image Reflection Removal Beyond Linearity. , 2019, , .		76
47	Bi-Normal Filtering for Mesh Denoising. IEEE Transactions on Visualization and Computer Graphics, 2015, 21, 43-55.	2.9	75
48	Automatic Fetal Head Circumference Measurement in Ultrasound Using Random Forest and Fast Ellipse Fitting. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 215-223.	3.9	75
49	A Deep Convolutional Neural Network-Based Framework for Automatic Fetal Facial Standard Plane Recognition. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 874-885.	3.9	73
50	Cloud-Based Automated Clinical Decision Support System for Detection and Diagnosis of Lung Cancer in Chest CT. IEEE Journal of Translational Engineering in Health and Medicine, 2020, 8, 1-13.	2.2	73
51	A temporal-aware LSTM enhanced by loss-switch mechanism for traffic flow forecasting. Neurocomputing, 2021, 427, 169-178.	3.5	70
52	3D Multi-Attention Guided Multi-Task Learning Network for Automatic Gastric Tumor Segmentation and Lymph Node Classification. IEEE Transactions on Medical Imaging, 2021, 40, 1618-1631.	5.4	64
53	Standard Plane Localization in Ultrasound by Radial Component Model and Selective Search. Ultrasound in Medicine and Biology, 2014, 40, 2728-2742.	0.7	60
54	Sparse Support Matrix Machine. Pattern Recognition, 2018, 76, 715-726.	5.1	59

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55	Retinal Vessel Segmentation Using Minimum Spanning Superpixel Tree Detector. IEEE Transactions on Cybernetics, 2019, 49, 2707-2719.	6.2	56
56	Multiscale geodesic active contours for ultrasound image segmentation using speckle reducing anisotropic diffusion. Optics and Lasers in Engineering, 2014, 54, 105-116.	2.0	54
57	Improving the discrimination of hand motor imagery via virtual reality based visual guidance. Computer Methods and Programs in Biomedicine, 2016, 132, 63-74.	2.6	54
58	Learning Blood Management in Orthopedic Surgery through Gameplay. IEEE Computer Graphics and Applications, 2010, 30, 45-57.	1.0	53
59	Automatic Choroid Layer Segmentation from Optical Coherence Tomography Images Using Deep Learning. Scientific Reports, 2019, 9, 3058.	1.6	53
60	ST-TrafficNet: A Spatial-Temporal Deep Learning Network for Traffic Forecasting. Electronics (Switzerland), 2020, 9, 1474.	1.8	53
61	Domain-invariant interpretable fundus image quality assessment. Medical Image Analysis, 2020, 61, 101654.	7.0	53
62	Maximum Correntropy Kalman Filter With State Constraints. IEEE Access, 2017, 5, 25846-25853.	2.6	52
63	From Synthetic to Real: Image Dehazing Collaborating with Unlabeled Real Data. , 2021, , .		52
64	Robust Learning With Kernel Mean $\  \cdot \ _2$ and $\  \cdot \ _1$ -Power Error Loss. IEEE Transactions on Cybernetics, 2018, 48, 2101-2113.	6.2	51
65	A Learning-Based Multimodel Integrated Framework for Dynamic Traffic Flow Forecasting. Neural Processing Letters, 2019, 49, 407-430.	2.0	50
66	Boundary-Aware Transformers for Skin Lesion Segmentation. Lecture Notes in Computer Science, 2021, , 206-216.	1.0	49
67	Reconstruction of volumetric ultrasound panorama based on improved 3D SIFT. Computerized Medical Imaging and Graphics, 2009, 33, 559-566.	3.5	48
68	Multiclass support matrix machine for single trial EEG classification. Neurocomputing, 2018, 275, 869-880.	3.5	48
69	ScanNet: A Fast and Dense Scanning Framework for Metastatic Breast Cancer Detection from Whole-Slide Image. , 2018, , .		48
70	Mesh Denoising Guided by Patch Normal Co-Filtering via Kernel Low-Rank Recovery. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 2910-2926.	2.9	46
71	SVRGSA: a hybrid learning based model for short-term traffic flow forecasting. IET Intelligent Transport Systems, 2019, 13, 1348-1355.	1.7	46
72	Aggregating Attentional Dilated Features for Salient Object Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3358-3371.	5.6	45

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73	Robust Matrix Completion via Maximum Correntropy Criterion and Half-Quadratic Optimization. IEEE Transactions on Signal Processing, 2020, 68, 181-195.	3.2	45
74	Self-co-attention neural network for anatomy segmentation in whole breast ultrasound. Medical Image Analysis, 2020, 64, 101753.	7.0	45
75	Data Integrity Auditing without Private Key Storage for Secure Cloud Storage. IEEE Transactions on Cloud Computing, 2021, 9, 1408-1421.	3.1	44
76	Pilot study of a surgical robot system for zygomatic implant placement. Medical Engineering and Physics, 2020, 75, 72-78.	0.8	44
77	A noise-immune LSTM network for short-term traffic flow forecasting. Chaos, 2020, 30, 023135.	1.0	44
78	A Serious Game for Learning Ultrasound-Guided Needle Placement Skills. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 1032-1042.	3.6	43
79	A virtual training system for maxillofacial surgery using advanced haptic feedback and immersive workbench. International Journal of Medical Robotics and Computer Assisted Surgery, 2014, 10, 78-87.	1.2	43
80	Application of Deep Learning in Automated Analysis of Molecular Images in Cancer: A Survey. Contrast Media and Molecular Imaging, 2017, 2017, 1-10.	0.4	43
81	Simple framework for real-time forecast in a data-limited situation: the Zika virus (ZIKV) outbreaks in Brazil from 2015 to 2016 as an example. Parasites and Vectors, 2019, 12, 344.	1.0	42
82	A Robotic System for Overlapping Radiofrequency Ablation in Large Tumor Treatment. IEEE/ASME Transactions on Mechatronics, 2010, 15, 887-897.	3.7	40
83	3D Fully Convolutional Networks for Intervertebral Disc Localization and Segmentation. Lecture Notes in Computer Science, 2016, , 375-382.	1.0	38
84	Towards Automatic Semantic Segmentation in Volumetric Ultrasound. Lecture Notes in Computer Science, 2017, , 711-719.	1.0	38
85	OFF-eNET: An Optimally Fused Fully End-to-End Network for Automatic Dense Volumetric 3D Intracranial Blood Vessels Segmentation. IEEE Transactions on Image Processing, 2020, 29, 7192-7202.	6.0	37
86	An Energy Efficient Key Management Scheme for Body Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 2202-2210.	4.0	36
87	Selective Level Set Segmentation Using Fuzzy Region Competition. IEEE Access, 2016, 4, 4777-4788.	2.6	35
88	Bas-Relief Modeling from Normal Layers. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 1651-1665.	2.9	35
89	Crowd Counting Via Cross-Stage Refinement Networks. IEEE Transactions on Image Processing, 2020, 29, 6800-6812.	6.0	35
90	Data-driven Geometry-recovering Mesh Denoising. CAD Computer Aided Design, 2019, 114, 133-142.	1.4	34

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91	Learning Gated Non-Local Residual for Single-Image Rain Streak Removal. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 2147-2159.	5.6	34
92	Adaptive sparse learning using multi-template for neurodegenerative disease diagnosis. Medical Image Analysis, 2020, 61, 101632.	7.0	33
93	Large-scale Lassa fever outbreaks in Nigeria: quantifying the association between disease reproduction number and local rainfall. Epidemiology and Infection, 2020, 148, e4.	1.0	32
94	Coarse-to-Fine Normal Filtering for Feature-Preserving Mesh Denoising Based on Isotropic Subneighborhoods. Computer Graphics Forum, 2013, 32, 371-380.	1.8	31
95	Outsourced Decentralized Multi-Authority Attribute Based Signature and Its Application in IoT. IEEE Transactions on Cloud Computing, 2021, 9, 1195-1209.	3.1	31
96	A Virtual Reality Simulator for Ultrasound-Guided Biopsy Training. IEEE Computer Graphics and Applications, 2011, 31, 36-48.	1.0	30
97	Towards Personalized Statistical Deformable Model and Hybrid Point Matching for Robust MR-TRUS Registration. IEEE Transactions on Medical Imaging, 2016, 35, 589-604.	5.4	30
98	Dual attention enhancement feature fusion network for segmentation and quantitative analysis of paediatric echocardiography. Medical Image Analysis, 2021, 71, 102042.	7.0	30
99	Modelling the effective reproduction number of vector-borne diseases: the yellow fever outbreak in Luanda, Angola 2015-2016 as an example. PeerJ, 2020, 8, e8601.	0.9	30
100	Nonrigid iterative closest points for registration of 3D biomedical surfaces. Optics and Lasers in Engineering, 2018, 100, 141-154.	2.0	28
101	Example-Based Colourization Via Dense Encoding Pyramids. Computer Graphics Forum, 2020, 39, 20-33.	1.8	28
102	3D FractalNet: Dense Volumetric Segmentation for Cardiovascular MRI Volumes. Lecture Notes in Computer Science, 2017, , 103-110.	1.0	27
103	Walking Imagery Evaluation in Brain Computer Interfaces via a Multi-View Multi-Level Deep Polynomial Network. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 497-506.	2.7	27
104	Accelerating simultaneous algebraic reconstruction technique with motion compensation using CUDA-enabled GPU. International Journal of Computer Assisted Radiology and Surgery, 2011, 6, 187-199.	1.7	24
105	Non-Local Sparse and Low-Rank Regularization for Structure-Preserving Image Smoothing. Computer Graphics Forum, 2016, 35, 217-226.	1.8	24
106	A Novel Modeling Framework for Multilayered Soft Tissue Deformation in Virtual Orthopedic Surgery. Journal of Medical Systems, 2010, 34, 261-271.	2.2	23
107	Saliency-Aware Texture Smoothing. IEEE Transactions on Visualization and Computer Graphics, 2020, 26, 2471-2484.	2.9	23
108	Feasibility and Effects of Virtual Reality Motor-Cognitive Training in Community-Dwelling Older People With Cognitive Frailty: Pilot Randomized Controlled Trial. JMIR Serious Games, 2021, 9, e28400.	1.7	23

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109	Structure-guided shape-preserving mesh texture smoothing via joint low-rank matrix recovery. CAD Computer Aided Design, 2019, 115, 122-134.	1.4	22
110	Ĥ-Net: Stacking Densely Convolutional LSTMs for Sub-Cortical Brain Structure Segmentation. IEEE Transactions on Medical Imaging, 2020, 39, 2806-2817.	5.4	22
111	Efficient Computer-Aided Design of Dental Inlay Restoration: A Deep Adversarial Framework. IEEE Transactions on Medical Imaging, 2021, 40, 2415-2427.	5.4	22
112	Quasi-linear viscoelastic modeling of arterial wall for surgical simulation. International Journal of Computer Assisted Radiology and Surgery, 2011, 6, 829-838.	1.7	21
113	Fast feature-preserving speckle reduction for ultrasound images via phase congruency. Signal Processing, 2017, 134, 275-284.	2.1	21
114	Parkinson's Disease Diagnosis via Joint Learning From Multiple Modalities and Relations. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1437-1449.	3.9	21
115	Deep Semantic Segmentation Feature-Based Radiomics for the Classification Tasks in Medical Image Analysis. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 2655-2664.	3.9	20
116	Selective Search and Sequential Detection for Standard Plane Localization in Ultrasound. Lecture Notes in Computer Science, 2013, , 203-211.	1.0	20
117	ECSU-Net: An Embedded Clustering Sliced U-Net Coupled With Fusing Strategy for Efficient Intervertebral Disc Segmentation and Classification. IEEE Transactions on Image Processing, 2022, 31, 880-893.	6.0	20
118	H-ProSeg: Hybrid ultrasound prostate segmentation based on explainability-guided mathematical model. Computer Methods and Programs in Biomedicine, 2022, 219, 106752.	2.6	20
119	A Catheterization-Training Simulator Based on a Fast Multigrid Solver. IEEE Computer Graphics and Applications, 2012, 32, 56-70.	1.0	19
120	Feature-preserving optimization for noisy mesh using joint bilateral filter and constrained Laplacian smoothing. Optics and Lasers in Engineering, 2013, 51, 1223-1234.	2.0	19
121	Discrimination of motor imagery tasks via information flow pattern of brain connectivity. Technology and Health Care, 2016, 24, S795-S801.	0.5	19
122	3D Deeply-Supervised U-Net Based Whole Heart Segmentation. Lecture Notes in Computer Science, 2018, , 224-232.	1.0	19
123	Learning-based 3D surface optimization from medical image reconstruction. Optics and Lasers in Engineering, 2018, 103, 110-118.	2.0	19
124	Improved Wavelet Threshold for Image De-noising. Frontiers in Neuroscience, 2019, 13, 39.	1.4	19
125	Noise-Identified Kalman Filter for Short-Term Traffic Flow Forecasting. , 2019, , .		19
126	Effect of <i>PLK1</i> inhibition on cisplatin-resistant gastric cancer cells. Journal of Cellular Physiology, 2019, 234, 5904-5914.	2.0	19



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127	EVA: Efficient Versatile Auditing Scheme for IoT-Based Datamarket in Jointcloud. IEEE Internet of Things Journal, 2020, 7, 882-892.	5.5	19
128	Geometry and Learning Co-Supported Normal Estimation for Unstructured Point Cloud. , 2020, , .		19
129	Relationship Between Health Status and Physical Fitness of College Students From South China: An Empirical Study by Data Mining Approach. IEEE Access, 2020, 8, 67466-67473.	2.6	19
130	Obesity and COVID-19 in Adult Patients With Diabetes. Diabetes, 2021, 70, 1061-1069.	0.3	19
131	Triple-cooperative Video Shadow Detection. , 2021, , .		19
132	Semi-supervised segmentation of echocardiography videos via noise-resilient spatiotemporal semantic calibration and fusion. Medical Image Analysis, 2022, 78, 102397.	7.0	19
133	Collaborative and Adversarial Learning of Focused and Dispersive Representations for Semi-supervised Polyp Segmentation. , 2021, , .		19
134	Application of L1-norm regularization to epicardial potential reconstruction based on gradient projection. Physics in Medicine and Biology, 2011, 56, 6291-6310.	1.6	18
135	Fast Rendering of Diffusion Curves with Triangles. IEEE Computer Graphics and Applications, 2012, 32, 68-78.	1.0	18
136	Impulse-Based Rendering Methods for Haptic Simulation of Bone-Burring. IEEE Transactions on Haptics, 2012, 5, 344-355.	1.8	18
137	Overlapping radiofrequency ablation planning and robot-assisted needle insertion for large liver tumors. International Journal of Medical Robotics and Computer Assisted Surgery, 2019, 15, e1952.	1.2	17
138	Segmentation of Overlapping Cytoplasm in Cervical Smear Images via Adaptive Shape Priors Extracted From Contour Fragments. IEEE Transactions on Medical Imaging, 2019, 38, 2849-2862.	5.4	17
139	Common Spatial Patterns Based on the Quantized Minimum Error Entropy Criterion. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4557-4568.	5.9	17
140	Trajectory and image-based detection and identification of UAV. Visual Computer, 2021, 37, 1769-1780.	2.5	17
141	Particle-based simulation of blood flow and vessel wall interactions in virtual surgery. , 2010, , .		17
142	Detection and Measurement of Fetal Abdominal Contour in Ultrasound Images via Local Phase Information and Iterative Randomized Hough Transform. Bio-Medical Materials and Engineering, 2014, 24, 1261-1267.	0.4	16
143	MTMR-Net: Multi-task Deep Learning with Margin Ranking Loss for Lung Nodule Analysis. Lecture Notes in Computer Science, 2018, , 74-82.	1.0	16
144	Towards Usable Cloud Storage Auditing. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 2605-2617.	4.0	16

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145	Deep Learning-Based Computed Tomography Perfusion Mapping (DL-CTPM) for Pulmonary CT-to-Perfusion Translation. International Journal of Radiation Oncology Biology Physics, 2021, 110, 1508-1518.	0.4	16
146	CNN in CT Image Segmentation: Beyond Loss Function for Exploiting Ground Truth Images. , 2020, , .		15
147	Improving Vaccine Safety Using Blockchain. ACM Transactions on Internet Technology, 2021, 21, 1-24.	3.0	15
148	<i>PolypSeg</i>+: A Lightweight Context-Aware Network for Real-Time Polyp Segmentation. IEEE Transactions on Cybernetics, 2023, 53, 2610-2621.	6.2	15
149	Fast Gabor texture feature extraction with separable filters using GPU. Journal of Real-Time Image Processing, 2016, 12, 5-13.	2.2	14
150	Bridging Computational Features Toward Multiple Semantic Features with Multi-task Regression: A Study of CT Pulmonary Nodules. Lecture Notes in Computer Science, 2016, , 53-60.	1.0	14
151	The long-term changing dynamics of dengue infectivity in Guangdong, China, from 2008â€“2018: a modelling analysis. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2020, 114, 62-71.	0.7	14
152	Liver Extraction Using Residual Convolution Neural Networks From Low-Dose CT Images. IEEE Transactions on Biomedical Engineering, 2019, 66, 2641-2650.	2.5	14
153	Granger Causality Analysis Based on Quantized Minimum Error Entropy Criterion. IEEE Signal Processing Letters, 2019, 26, 347-351.	2.1	14
154	Transductive Zero-Shot Action Recognition via Visually Connected Graph Convolutional Networks. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3761-3769.	7.2	14
155	Multikernel Correntropy for Robust Learning. IEEE Transactions on Cybernetics, 2022, 52, 13500-13511.	6.2	14
156	AGNet: Attention-Guided Network for Surgical Tool Presence Detection. Lecture Notes in Computer Science, 2017, , 186-194.	1.0	14
157	Learning based automatic head detection and measurement from fetal ultrasound images via prior knowledge and imaging parameters. , 2013, , .		13
158	Exploring Duality in Visual Question-Driven Top-Down Saliency. IEEE Transactions on Neural Networks and Learning Systems, 2019, 31, 1-8.	7.2	13
159	Early neoplasia identification in Barrettâ€™s esophagus via attentive hierarchical aggregation and self-distillation. Medical Image Analysis, 2021, 72, 102092.	7.0	13
160	Centerline Extraction of Vasculature Mesh. IEEE Access, 2018, 6, 10257-10268.	2.6	12
161	Frequent Itemsets Mining With Differential Privacy Over Large-Scale Data. IEEE Access, 2018, 6, 28877-28889.	2.6	12
162	A Few-Shot Learning-Based Siamese Capsule Network for Intrusion Detection with Imbalanced Training Data. Computational Intelligence and Neuroscience, 2021, 2021, 1-17.	1.1	12

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163	Parkinson's Disease Classification and Clinical Score Regression via United Embedding and Sparse Learning From Longitudinal Data. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 3357-3371.	7.2	12
164	A Fast and Flexible Sorting Algorithm with CUDA. Lecture Notes in Computer Science, 2009, , 281-290.	1.0	12
165	A Novel FEM-Based Numerical Solver for Interactive Catheter Simulation in Virtual Catheterization. International Journal of Biomedical Imaging, 2011, 2011, 1-8.	3.0	11
166	Feature-preserving mesh denoising via normal guided quadric error metrics. Optics and Lasers in Engineering, 2014, 62, 57-68.	2.0	11
167	Age estimation via attribute-region association. Neurocomputing, 2019, 367, 346-356.	3.5	11
168	Image-Aligned Dynamic Liver Reconstruction Using Intra-Operative Field of Views for Minimal Invasive Surgery. IEEE Transactions on Biomedical Engineering, 2019, 66, 2163-2173.	2.5	11
169	Chronic Cardiovascular Disease-Associated Gene Network Analysis in Human Umbilical Vein Endothelial Cells Exposed to 2,3,7,8-Tetrachlorodibenzo-p-dioxin. Cardiovascular Toxicology, 2015, 15, 157-171.	1.1	10
170	Illumination-Invariant and Deformation-Tolerant Inner Knuckle Print Recognition Using Portable Devices. Sensors, 2015, 15, 4326-4352.	2.1	10
171	Morphology-preserving smoothing on polygonized isosurfaces of inhomogeneous binary volumes. CAD Computer Aided Design, 2015, 58, 92-98.	1.4	10
172	Multi-modal and multi-layout discriminative learning for placental maturity staging. Pattern Recognition, 2017, 63, 719-730.	5.1	10
173	Secure Hashing-Based Verifiable Pattern Matching. IEEE Transactions on Information Forensics and Security, 2018, 13, 2677-2690.	4.5	10
174	Manganese(II) acetate suppresses the migration, invasion, and epithelial-mesenchymal transition by inhibiting Wnt/catenin and PI3K/AKT signaling pathways in breast cancer cells. Thoracic Cancer, 2018, 9, 353-359.	0.8	10
175	Robust High-Order Manifold Constrained Sparse Principal Component Analysis for Image Representation. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1946-1961.	5.6	10
176	Few-Shot Breast Cancer Metastases Classification via Unsupervised Cell Ranking. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 1914-1923.	1.9	10
177	Investigation of a Novel Deep Learning-Based Computed Tomography Perfusion Mapping Framework for Functional Lung Avoidance Radiotherapy. Frontiers in Oncology, 2021, 11, 644703.	1.3	10
178	SPST-CNN: Spatial pyramid based searching and tagging of liver's intraoperative live views via CNN for minimal invasive surgery. Journal of Biomedical Informatics, 2020, 106, 103430.	2.5	10
179	Using sequential floating forward selection algorithm to detect epileptic seizure in EEG signals. , 2012, , .		9
180	Turbulence Simulation by Adaptive Multi-Relaxation Lattice Boltzmann Modeling. IEEE Transactions on Visualization and Computer Graphics, 2014, 20, 289-302.	2.9	9

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