

Yefeng Zheng

List of Publications by Year in descending order

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182
papers

6,224
citations

101384

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66
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186
docs citations

186
times ranked

4810
citing authors

#	ARTICLE	IF	CITATIONS
1	Four-Chamber Heart Modeling and Automatic Segmentation for 3-D Cardiac CT Volumes Using Marginal Space Learning and Steerable Features. IEEE Transactions on Medical Imaging, 2008, 27, 1668-1681.	5.4	484
2	Robust point matching for nonrigid shapes by preserving local neighborhood structures. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2006, 28, 643-649.	9.7	253
3	The Medical Segmentation Decathlon. Nature Communications, 2022, 13, .	5.8	252
4	Translating and Segmenting Multimodal Medical Volumes with Cycle- and Shape-Consistency Generative Adversarial Network. , 2018, , .		232
5	Combo loss: Handling input and output imbalance in multi-organ segmentation. Computerized Medical Imaging and Graphics, 2019, 75, 24-33.	3.5	212
6	Multi-Scale Deep Reinforcement Learning for Real-Time 3D-Landmark Detection in CT Scans. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 176-189.	9.7	209
7	Morphological diversity of single neurons in molecularly defined cell types. Nature, 2021, 598, 174-181.	13.7	180
8	Script-Independent Text Line Segmentation in Freestyle Handwritten Documents. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 1313-1329.	9.7	159
9	A global benchmark of algorithms for segmenting the left atrium from late gadolinium-enhanced cardiac magnetic resonance imaging. Medical Image Analysis, 2021, 67, 101832.	7.0	150
10	Machine printed text and handwriting identification in noisy document images. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 337-353.	9.7	145
11	Benchmark for Algorithms Segmenting the Left Atrium From 3D CT and MRI Datasets. IEEE Transactions on Medical Imaging, 2015, 34, 1460-1473.	5.4	140
12	Marginal Space Deep Learning: Efficient Architecture for Volumetric Image Parsing. IEEE Transactions on Medical Imaging, 2016, 35, 1217-1228.	5.4	124
13	Fast Automatic Heart Chamber Segmentation from 3D CT Data Using Marginal Space Learning and Steerable Features. , 2007, , .		104
14	Spine detection in CT and MR using iterated marginal space learning. Medical Image Analysis, 2013, 17, 1283-1292.	7.0	100
15	Hierarchical, learning-based automatic liver segmentation. , 2008, , .		99
16	Preoperative identification of microvascular invasion in hepatocellular carcinoma by XGBoost and deep learning. Journal of Cancer Research and Clinical Oncology, 2021, 147, 821-833.	1.2	95
17	X2CT-GAN: Reconstructing CT From Biplanar X-Rays With Generative Adversarial Networks. , 2019, , .		92
18	Deep similarity learning for multimodal medical images. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2018, 6, 248-252.	1.3	90

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19	3D Deep Learning for Efficient and Robust Landmark Detection in Volumetric Data. Lecture Notes in Computer Science, 2015, , 565-572.	1.0	87
20	Rubikâ€™s Cube+: A self-supervised feature learning framework for 3D medical image analysis. Medical Image Analysis, 2020, 64, 101746.	7.0	85
21	Automatic Aorta Segmentation and Valve Landmark Detection in C-Arm CT for Transcatheter Aortic Valve Implantation. IEEE Transactions on Medical Imaging, 2012, 31, 2307-2321.	5.4	83
22	Deep Representation-Based Domain Adaptation for Nonstationary EEG Classification. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 535-545.	7.2	78
23	Self-supervised Feature Learning for 3D Medical Images by Playing a Rubikâ€™s Cube. Lecture Notes in Computer Science, 2019, , 420-428.	1.0	73
24	Towards cross-modal organ translation and segmentation: A cycle- and shape-consistent generative adversarial network. Medical Image Analysis, 2019, 52, 174-184.	7.0	67
25	Inconsistency-Aware Uncertainty Estimation for Semi-Supervised Medical Image Segmentation. IEEE Transactions on Medical Imaging, 2022, 41, 608-620.	5.4	67
26	An evaluation of automatic coronary artery calcium scoring methods with cardiac CT using the orCaScore framework. Medical Physics, 2016, 43, 2361-2373.	1.6	63
27	Learning Calibrated Medical Image Segmentation via Multi-rater Agreement Modeling. , 2021, , .		62
28	Computer-Aided Cervical Cancer Diagnosis Using Time-Lapsed Colposcopic Images. IEEE Transactions on Medical Imaging, 2020, 39, 3403-3415.	5.4	59
29	Efficient and Effective Training of COVID-19 Classification Networks With Self-Supervised Dual-Track Learning to Rank. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 2787-2797.	3.9	56
30	Signature Detection and Matching for Document Image Retrieval. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009, 31, 2015-2031.	9.7	54
31	Prediction Based Collaborative Trackers (PCT): A Robust and Accurate Approach Toward 3D Medical Object Tracking. IEEE Transactions on Medical Imaging, 2011, 30, 1921-1932.	5.4	54
32	Real-time 2D/3D registration via CNN regression. , 2016, , .		52
33	Iterative Multi-domain Regularized Deep Learning for Anatomical Structure Detection and Segmentation from Ultrasound Images. Lecture Notes in Computer Science, 2016, , 487-495.	1.0	52
34	Robust and Accurate Coronary Artery Centerline Extraction in CTA by Combining Model-Driven and Data-Driven Approaches. Lecture Notes in Computer Science, 2013, 16, 74-81.	1.0	49
35	MIL-VT: Multiple Instance Learning Enhanced Vision Transformer for Fundus Image Classification. Lecture Notes in Computer Science, 2021, , 45-54.	1.0	48
36	From Rain Generation to Rain Removal. , 2021, , .		47

#	ARTICLE	IF	CITATIONS
37	Development and validation of an artificial intelligence system for grading colposcopic impressions and guiding biopsies. BMC Medicine, 2020, 18, 406.	2.3	46
38	Anomaly Detection for Medical Images Using Self-Supervised and Translation-Consistent Features. IEEE Transactions on Medical Imaging, 2021, 40, 3641-3651.	5.4	44
39	Comparing to Learn: Surpassing ImageNet Pretraining on Radiographs by Comparing Image Representations. Lecture Notes in Computer Science, 2020, , 398-407.	1.0	43
40	Detection, Grading and Classification of Coronary Stenoses in Computed Tomography Angiography. Lecture Notes in Computer Science, 2011, 14, 25-32.	1.0	42
41	Automatic Aorta Segmentation and Valve Landmark Detection in C-Arm CT: Application to Aortic Valve Implantation. Lecture Notes in Computer Science, 2010, 13, 476-483.	1.0	41
42	Multi-task Neural Networks with Spatial Activation for Retinal Vessel Segmentation and Artery/Vein Classification. Lecture Notes in Computer Science, 2019, , 769-778.	1.0	41
43	Dynamic Joint Domain Adaptation Network for Motor Imagery Classification. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 556-565.	2.7	40
44	Uncertainty-aware domain alignment for anatomical structure segmentation. Medical Image Analysis, 2020, 64, 101732.	7.0	39
45	Self-Loop Uncertainty: A Novel Pseudo-Label for Semi-supervised Medical Image Segmentation. Lecture Notes in Computer Science, 2020, , 614-623.	1.0	39
46	Deep Symmetric Adaptation Network for Cross-Modality Medical Image Segmentation. IEEE Transactions on Medical Imaging, 2022, 41, 121-132.	5.4	36
47	Cross-modal coherent registration of whole mouse brains. Nature Methods, 2022, 19, 111-118.	9.0	36
48	A parallel-line detection algorithm based on HMM decoding. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2005, 27, 777-792.	9.7	35
49	Self supervised deep representation learning for fine-grained body part recognition. , 2017, , .		35
50	LT-Net: Label Transfer by Learning Reversible Voxel-Wise Correspondence for One-Shot Medical Image Segmentation. , 2020, , .		35
51	Marginal Space Learning for Efficient Detection of 2D/3D Anatomical Structures in Medical Images. Lecture Notes in Computer Science, 2009, 21, 411-422.	1.0	35
52	All-Around Real Label Supervision: Cyclic Prototype Consistency Learning for Semi-Supervised Medical Image Segmentation. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 3174-3184.	3.9	33
53	Attentive CT Lesion Detection Using Deep Pyramid Inference with Multi-scale Booster. Lecture Notes in Computer Science, 2019, , 301-309.	1.0	31
54	Multi-scale Structural Saliency for Signature Detection. , 2007, , .		30

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55	Instance-Aware Self-supervised Learning for Nuclei Segmentation. Lecture Notes in Computer Science, 2020, , 341-350.	1.0	30
56	Detection of 3D Spinal Geometry Using Iterated Marginal Space Learning. Lecture Notes in Computer Science, 2011, , 96-105.	1.0	28
57	Multi-Part Modeling and Segmentation of Left Atrium in C-Arm CT for Image-Guided Ablation of Atrial Fibrillation. IEEE Transactions on Medical Imaging, 2014, 33, 318-331.	5.4	28
58	Review of Deep Learning Methods in Mammography, Cardiovascular, and Microscopy Image Analysis. Advances in Computer Vision and Pattern Recognition, 2017, , 11-32.	0.9	28
59	System to Guide Transcatheter Aortic Valve Implantations Based on Interventional C-Arm CT Imaging. Lecture Notes in Computer Science, 2010, 13, 375-382.	1.0	28
60	The Segmentation and Identification of Handwriting in Noisy Document Images. Lecture Notes in Computer Science, 2002, , 95-105.	1.0	26
61	Machine learning based vesselness measurement for coronary artery segmentation in cardiac CT volumes. Proceedings of SPIE, 2011, , .	0.8	25
62	Revisiting Rubik's Cube: Self-supervised Learning with Volume-Wise Transformation for 3D Medical Image Segmentation. Lecture Notes in Computer Science, 2020, , 238-248.	1.0	25
63	Precise Segmentation of Multiple Organs in CT Volumes Using Learning-Based Approach and Information Theory. Lecture Notes in Computer Science, 2012, 15, 462-469.	1.0	25
64	INPREM: An Interpretable and Trustworthy Predictive Model for Healthcare. , 2020, , .		24
65	Constrained marginal space learning for efficient 3D anatomical structure detection in medical images. , 2009, , .		23
66	Coronary Centerline Extraction via Optimal Flow Paths and CNN Path Pruning. Lecture Notes in Computer Science, 2016, , 317-325.	1.0	23
67	A Unified Framework for Generalized Low-Shot Medical Image Segmentation With Scarce Data. IEEE Transactions on Medical Imaging, 2021, 40, 2656-2671.	5.4	23
68	Form frame line detection with directional single-connected chain. , 0, , .		22
69	A fast and accurate tracking algorithm of left ventricles in 3D echocardiography. , 2008, 5, 221-224.		20
70	Deep Reinforcement Learning for Vessel Centerline Tracing in Multi-modality 3D Volumes. Lecture Notes in Computer Science, 2018, , 755-763.	1.0	19
71	OctopusNet: A Deep Learning Segmentation Network for Multi-modal Medical Images. Lecture Notes in Computer Science, 2020, , 17-25.	1.0	19
72	DICDNet: Deep Interpretable Convolutional Dictionary Network for Metal Artifact Reduction in CT Images. IEEE Transactions on Medical Imaging, 2022, 41, 869-880.	5.4	19

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73	Noninvasive hemodynamic assessment, treatment outcome prediction and follow-up of aortic coarctation from MR imaging. <i>Medical Physics</i> , 2015, 42, 2143-2156.	1.6	18
74	Crossover-Net: Leveraging vertical-horizontal crossover relation for robust medical image segmentation. <i>Pattern Recognition</i> , 2021, 113, 107756.	5.1	18
75	A discriminative model-constrained EM approach to 3D MRI brain tissue classification and intensity non-uniformity correction. <i>Physics in Medicine and Biology</i> , 2011, 56, 3269-3300.	1.6	17
76	Adaptive random forest — How many “experts” to ask before making a decision?. , 2011, , .		17
77	Marginal Space Learning for Medical Image Analysis. , 2014, , .		17
78	Noisy Labels are Treasure: Mean-Teacher-Assisted Confident Learning for Hepatic Vessel Segmentation. <i>Lecture Notes in Computer Science</i> , 2021, , 3-13.	1.0	17
79	GREEN: a Graph REsidual rE-ranking Network for Grading Diabetic Retinopathy. <i>Lecture Notes in Computer Science</i> , 2020, , 585-594.	1.0	17
80	Fast Automatic Detection of Calcified Coronary Lesions in 3D Cardiac CT Images. <i>Lecture Notes in Computer Science</i> , 2010, , 1-9.	1.0	17
81	Fast and Automatic Heart Isolation in 3D CT Volumes: Optimal Shape Initialization. <i>Lecture Notes in Computer Science</i> , 2010, , 84-91.	1.0	16
82	<title>Single-character type identification</title>. , 2001, , .		15
83	Text identification in noisy document images using Markov random model. , 0, , .		15
84	A hybrid method for 2-D/3-D registration between 3-D volumes and 2-D angiography for trans-catheter aortic valve implantation (TAVI). , 2011, , .		15
85	Pyramid Network with Online Hard Example Mining for Accurate Left Atrium Segmentation. <i>Lecture Notes in Computer Science</i> , 2019, , 237-245.	1.0	15
86	Generative Adversarial Networks for Video-to-Video Domain Adaptation. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2020, 34, 3462-3469.	3.6	15
87	Domain Adaptation Meets Zero-Shot Learning: An Annotation-Efficient Approach to Multi-Modality Medical Image Segmentation. <i>IEEE Transactions on Medical Imaging</i> , 2022, 41, 1043-1056.	5.4	15
88	Multi-Anchor Active Domain Adaptation for Semantic Segmentation. , 2021, , .		15
89	3D ultrasound tracking of the left ventricle using one-step forward prediction and data fusion of collaborative trackers. , 2008, , .		14
90	Patient-specific modeling of left heart anatomy, dynamics and hemodynamics from high resolution 4D CT. , 2010, , .		14

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91	Automatic and efficient contrast-based 2-D/3-D fusion for trans-catheter aortic valve implantation (TAVI). Computerized Medical Imaging and Graphics, 2013, 37, 150-161.	3.5	14
92	Automatic Segmentation of Spinal Canals in CT Images via Iterative Topology Refinement. IEEE Transactions on Medical Imaging, 2015, 34, 1694-1704.	5.4	14
93	Conquering Data Variations in Resolution: A Slice-Aware Multi-Branch Decoder Network. IEEE Transactions on Medical Imaging, 2020, 39, 4174-4185.	5.4	14
94	TR-GAN: Topology Ranking GAN with Triplet Loss for Retinal Artery/Vein Classification. Lecture Notes in Computer Science, 2020, , 616-625.	1.0	14
95	Beyond Mutual Information: Generative Adversarial Network for Domain Adaptation Using Information Bottleneck Constraint. IEEE Transactions on Medical Imaging, 2022, 41, 595-607.	5.4	14
96	Detecting Text Lines in Handwritten Documents. , 2006, , .		13
97	Evaluation of interpolation methods for surface-based motion compensated tomographic reconstruction for cardiac angiographic C-arm data. Medical Physics, 2013, 40, 031107.	1.6	13
98	Pairwise learning for medical image segmentation. Medical Image Analysis, 2021, 67, 101876.	7.0	13
99	InDuDoNet: An Interpretable Dual Domain Network for CT Metal Artifact Reduction. Lecture Notes in Computer Science, 2021, , 107-118.	1.0	13
100	Select, Attend, and Transfer: Light, Learnable Skip Connections. Lecture Notes in Computer Science, 2019, , 417-425.	1.0	13
101	Seg4Reg Networks for Automated Spinal Curvature Estimation. Lecture Notes in Computer Science, 2020, , 69-74.	1.0	13
102	Handwriting matching and its application to handwriting synthesis. , 2005, , .		12
103	GRAND: A large-scale dataset and benchmark for cervical intraepithelial Neoplasia grading with fine-grained lesion description. Medical Image Analysis, 2021, 70, 102006.	7.0	12
104	Classification-Based Spatial Error Concealment for Visual Communications. Eurasip Journal on Advances in Signal Processing, 2006, 2006, 1.	1.0	11
105	Multi-Modality Generative Adversarial Networks with Tumor Consistency Loss for Brain MR Image Synthesis. , 2020, , .		11
106	Precise Lumen Segmentation in Coronary Computed Tomography Angiography. Lecture Notes in Computer Science, 2014, , 137-147.	1.0	11
107	Fast and Robust 3-D MRI Brain Structure Segmentation. Lecture Notes in Computer Science, 2009, 12, 575-583.	1.0	11
108	Multi-part Left Atrium Modeling and Segmentation in C-Arm CT Volumes for Atrial Fibrillation Ablation. Lecture Notes in Computer Science, 2011, 14, 487-495.	1.0	11

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109	Robust object detection using marginal space learning and ranking-based multi-detector aggregation: Application to left ventricle detection in 2D MRI images. , 2009, , .		10
110	Learning-Based Detection and Tracking in Medical Imaging: A Probabilistic Approach. Lecture Notes in Computational Vision and Biomechanics, 2013, , 209-235.	0.5	10
111	Seg4Reg+: Consistency Learning Between Spine Segmentation and Cobb Angle Regression. Lecture Notes in Computer Science, 2021, , 490-499.	1.0	10
112	Leveraging Undiagnosed Data for Glaucoma Classification with Teacher-Student Learning. Lecture Notes in Computer Science, 2020, , 731-740.	1.0	10
113	Superpixel-Guided Label Softening for Medical Image Segmentation. Lecture Notes in Computer Science, 2020, , 227-237.	1.0	10
114	Signature-Based Document Image Retrieval. Lecture Notes in Computer Science, 2008, , 752-765.	1.0	10
115	Robust point matching for two-dimensional nonrigid shapes. , 2005, , .		9
116	Precise segmentation of the left atrium in C-arm CT volumes with applications to atrial fibrillation ablation. , 2012, , .		9
117	Motion-Compensated Mega-Voltage Cone Beam CT Using the Deformation Derived Directly From 2D Projection Images. IEEE Transactions on Medical Imaging, 2013, 32, 1365-1375.	5.4	9
118	Reliable extraction of the mid-sagittal plane in 3D brain MRI via hierarchical landmark detection. , 2014, , .		9
119	A model-based line detection algorithm in documents. , 0, , .		8
120	CTA Coronary Labeling through Efficient Geodesics between Trees Using Anatomy Priors. Lecture Notes in Computer Science, 2014, 17, 521-528.	1.0	8
121	Face Completion with Semantic Knowledge and Collaborative Adversarial Learning. Lecture Notes in Computer Science, 2019, , 382-397.	1.0	8
122	Difficulty-Aware Glaucoma Classification with Multi-rater Consensus Modeling. Lecture Notes in Computer Science, 2020, , 741-750.	1.0	8
123	Computer Aided Diagnosis Using Multilevel Image Features on Large-Scale Evaluation. Lecture Notes in Computer Science, 2014, , 161-174.	1.0	8
124	Marginal Space Deep Learning: Efficient Architecture for Detection in Volumetric Image Data. Lecture Notes in Computer Science, 2015, , 710-718.	1.0	8
125	Self-Supervised CycleGAN for Object-Preserving Image-to-Image Domain Adaptation. Lecture Notes in Computer Science, 2020, , 498-513.	1.0	8
126	Improving accuracy in coronary lumen segmentation via explicit calcium exclusion, learning-based ray detection and surface optimization. Proceedings of SPIE, 2014, , .	0.8	7

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127	Cross-modality medical image detection and segmentation by transfer learning of shapel priors. , 2015, , .		7
128	A Multi-Task Self-Supervised Learning Framework for Scopy Images. , 2020, , .		7
129	Automatic Extraction of 3D Dynamic Left Ventricle Model from 2D Rotational Angiocardiogram. Lecture Notes in Computer Science, 2011, 14, 471-478.	1.0	7
130	Four-chamber heart modeling and automatic segmentation for 3D cardiac CT volumes. , 2008, , .		6
131	Recist-Net: Lesion Detection Via Grouping Keypoints On Recist-Based Annotation. , 2021, , .		6
132	Efficient Detection of Native and Bypass Coronary Ostia in Cardiac CT Volumes: Anatomical vs. Pathological Structures. Lecture Notes in Computer Science, 2011, 14, 403-410.	1.0	6
133	Catheter Tracking via Online Learning for Dynamic Motion Compensation in Transcatheter Aortic Valve Implantation. Lecture Notes in Computer Science, 2012, 15, 17-24.	1.0	6
134	Model-Based Fusion of Multi-modal Volumetric Images: Application to Transcatheter Valve Procedures. Lecture Notes in Computer Science, 2011, 14, 219-226.	1.0	6
135	Unsupervised Representation Learning for Tissue Segmentation in Histopathological Images: From Global to Local Contrast. IEEE Transactions on Medical Imaging, 2022, 41, 3611-3623.	5.4	6
136	Left ventricle endocardium segmentation for cardiac CT volumes using an optimal smooth surface. Proceedings of SPIE, 2009, , .	0.8	5
137	Personalized learning-based segmentation of thoracic aorta and main branches for diagnosis and treatment planning. , 2012, , .		5
138	Interventional heart wall motion analysis with cardiac C-arm CT systems. Physics in Medicine and Biology, 2014, 59, 2265-2284.	1.6	5
139	Example Based Non-rigid Shape Detection. Lecture Notes in Computer Science, 2006, , 423-436.	1.0	5
140	Computer Aided Diagnosis Using Multilevel Image Features on Large-Scale Evaluation. Lecture Notes in Computer Science, 2014, , 161-174.	1.0	5
141	Model-Driven Centerline Extraction for Severely Occluded Major Coronary Arteries. Lecture Notes in Computer Science, 2012, , 10-18.	1.0	5
142	MI\$\$^2\$\$GAN: Generative Adversarial Network for Medical Image Domain Adaptation Using Mutual Information Constraint. Lecture Notes in Computer Science, 2020, , 516-525.	1.0	5
143	AutoMPR: Automatic detection of standard planes in 3D echocardiography. , 2008, , .		4
144	Automatic left ventricle detection in MRI images using marginal space learning and component-based voting. , 2009, , .		4

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145	Segmentation and removal of pulmonary arteries, veins and left atrial appendage for visualizing coronary and bypass arteries. , 2012, , .		4
146	Marginal Space Learning. , 2014, , 25-65.		4
147	A Macro-Micro Weakly-Supervised Framework for AS-OCT Tissue Segmentation. Lecture Notes in Computer Science, 2020, , 725-734.	1.0	4
148	Background Line Detection with A Stochastic Model. , 2003, , .		3
149	Aortic valve and ascending aortic root modeling from 3D and 3D+t CT. , 2010, , .		3
150	Graph cuts based left atrium segmentation refinement and right middle pulmonary vein extraction in C-arm CT. , 2013, , .		3
151	Structure-Aware Rank-1 Tensor Approximation for Curvilinear Structure Tracking Using Learned Hierarchical Features. Lecture Notes in Computer Science, 2016, , 413-421.	1.0	3
152	Multimodal medical volumes translation and segmentation with generative adversarial network. , 2020, , 183-204.		3
153	Triplet-Branch Network with Prior-Knowledge Embedding for Fatigue Fracture Grading. Lecture Notes in Computer Science, 2021, , 449-458.	1.0	3
154	Generalized Organ Segmentation by Imitating One-Shot Reasoning Using Anatomical Correlation. Lecture Notes in Computer Science, 2021, , 452-464.	1.0	3
155	Learning and Exploiting Interclass Visual Correlations for Medical Image Classification. Lecture Notes in Computer Science, 2020, , 106-115.	1.0	3
156	Distractor-Aware Neuron Intrinsic Learning for Generic 2D Medical Image Classifications. Lecture Notes in Computer Science, 2020, , 591-601.	1.0	3
157	Patient-Specific Modeling of the Heart: Applications to Cardiovascular Disease Management. Lecture Notes in Computer Science, 2010, , 14-24.	1.0	3
158	Automatic Heart Isolation in 3D CT Images. Lecture Notes in Computer Science, 2013, , 165-180.	1.0	3
159	Understanding Patient Query With Weak Supervision From Doctor Response. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 2770-2777.	3.9	3
160	Simultaneous Alignment and Surface Regression Using Hybrid 2D-3D Networks for 3D Coherent Layer Segmentation of Retina OCT Images. Lecture Notes in Computer Science, 2021, , 108-118.	1.0	2
161	Mix-and-Interpolate: A Training Strategy to Deal With Source-Biased Medical Data. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 172-182.	3.9	2
162	3D Lung Tumor Motion Model Extraction from 2D Projection Images of Mega-voltage Cone Beam CT via Optimal Graph Search. Lecture Notes in Computer Science, 2012, 15, 239-246.	1.0	2

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163	Robust Landmark Detection in Volumetric Data with Efficient 3D Deep Learning. Advances in Computer Vision and Pattern Recognition, 2017, , 49-61.	0.9	2
164	Towards Interpretability and Personalization: A Predictive Framework for Clinical Time-series Analysis. , 2021, , .		2
165	Robust pigtail catheter tip detection in fluoroscopy. Proceedings of SPIE, 2012, , .	0.8	1
166	Component-composition based heart isolation for 3D volume visualization of coronary arteries. , 2015, , .		1
167	Learning Shape Priors by Pairwise Comparison for Robust Semantic Segmentation. , 2021, , .		1
168	Automatic 3D Motion Estimation of Left Ventricle from C-arm Rotational Angiocardiology Using a Prior Motion Model and Learning Based Boundary Detector. Lecture Notes in Computer Science, 2013, 16, 90-97.	1.0	1
169	Discriminative Learning for Anatomical Structure Detection and Segmentation. , 2012, , 273-306.		1
170	Constrained marginal space learning for efficient 3D anatomical structure detection in medical images. , 2009, , .		1
171	Robust object detection using marginal space learning and ranking-based multi-detector aggregation: Application to left ventricle detection in 2D MRI images. , 2009, , .		1
172	Enhancement of organ of interest via background subtraction in cone beam rotational angiocardiology. , 2012, , .		0
173	Nonrigid Object Segmentation: Application to Four-Chamber Heart Segmentation. , 2014, , 159-198.		0
174	Comparison of Marginal Space Learning and Full Space Learning in 2D. , 2014, , 67-78.		0
175	Part-Based Object Detection and Segmentation. , 2014, , 103-135.		0
176	Pericardium Based Model Fusion of CT and Non-contrasted C-arm CT for Visual Guidance in Cardiac Interventions. Lecture Notes in Computer Science, 2014, 17, 700-707.	1.0	0
177	Constrained Marginal Space Learning. , 2014, , 79-101.		0
178	Applications of Marginal Space Learning in Medical Imaging. , 2014, , 199-256.		0
179	Sparse Appearance Learning Based Automatic Coronary Sinus Segmentation in CTA. Lecture Notes in Computer Science, 2014, 17, 779-787.	1.0	0
180	Optimal Mean Shape for Nonrigid Object Detection and Segmentation. , 2014, , 137-158.		0

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181	Learning Crisp Edge Detector Using Logical Refinement Network. Lecture Notes in Computer Science, 2020, , 332-341.	1.0	0
182	Deep convolutional neural networks for molecular subtyping of gliomas using magnetic resonance imaging. , 2020, , .		0