

Yefeng Zheng

List of Publications by Year in Descending Order

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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.

171
papers

3,372
citations

28
h-index

52
g-index

186
ext. papers

4,438
ext. citations

4.9
avg, IF

5.69
L-index

#	Paper	IF	Citations
171	All-Around Real Label Supervision: Cyclic Prototype Consistency Learning for Semi-supervised Medical Image Segmentation.. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022 , PP,	7.2	2
170	InDISP: An Interpretable Model for Dynamic Illness Severity Prediction. <i>Lecture Notes in Computer Science</i> , 2022 , 631-638	0.9	
169	From Rain Generation to Rain Removal 2021 ,		8
168	Learning Calibrated Medical Image Segmentation via Multi-rater Agreement Modeling 2021 ,		20
167	DICDNet: Deep Interpretable Convolutional Dictionary Network for Metal Artifact Reduction in CT Images. <i>IEEE Transactions on Medical Imaging</i> , 2021 , PP,	11.7	4
166	Inconsistency-aware Uncertainty Estimation for Semi-supervised Medical Image Segmentation. <i>IEEE Transactions on Medical Imaging</i> , 2021 , PP,	11.7	5
165	Mix-and-Interpolate: A Training Strategy to Deal with Source-biased Medical Data. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , PP,	7.2	1
164	Morphological diversity of single neurons in molecularly defined cell types. <i>Nature</i> , 2021 , 598, 174-181	50.4	21
163	Recist-Net: Lesion Detection Via Grouping Keypoints On Recist-Based Annotation 2021 ,		2
162	GRAND: A large-scale dataset and benchmark for cervical intraepithelial Neoplasia grading with fine-grained lesion description. <i>Medical Image Analysis</i> , 2021 , 70, 102006	15.4	0
161	Pairwise learning for medical image segmentation. <i>Medical Image Analysis</i> , 2021 , 67, 101876	15.4	6
160	A global benchmark of algorithms for segmenting the left atrium from late gadolinium-enhanced cardiac magnetic resonance imaging. <i>Medical Image Analysis</i> , 2021 , 67, 101832	15.4	30
159	Crossover-Net: Leveraging vertical-horizontal crossover relation for robust medical image segmentation. <i>Pattern Recognition</i> , 2021 , 113, 107756	7.7	7
158	Deep Representation-Based Domain Adaptation for Nonstationary EEG Classification. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 535-545	10.3	15
157	Preoperative identification of microvascular invasion in hepatocellular carcinoma by XGBoost and deep learning. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021 , 147, 821-833	4.9	27
156	Deep Symmetric Adaptation Network for Cross-modality Medical Image Segmentation. <i>IEEE Transactions on Medical Imaging</i> , 2021 , PP,	11.7	5
155	Dynamic Joint Domain Adaptation Network for Motor Imagery Classification. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021 , 29, 556-565	4.8	7

154	InDuDoNet: An Interpretable Dual Domain Network for CT Metal Artifact Reduction. <i>Lecture Notes in Computer Science</i> , 2021 , 107-118	0.9	4
153	Simultaneous Alignment and Surface Regression Using Hybrid 2D-3D Networks for 3D Coherent Layer Segmentation of Retina OCT Images. <i>Lecture Notes in Computer Science</i> , 2021 , 108-118	0.9	1
152	Noisy Labels are Treasure: Mean-Teacher-Assisted Confident Learning for Hepatic Vessel Segmentation. <i>Lecture Notes in Computer Science</i> , 2021 , 3-13	0.9	4
151	MIL-VT: Multiple Instance Learning Enhanced Vision Transformer for Fundus Image Classification. <i>Lecture Notes in Computer Science</i> , 2021 , 45-54	0.9	8
150	Seg4Reg+: Consistency Learning Between Spine Segmentation and Cobb Angle Regression. <i>Lecture Notes in Computer Science</i> , 2021 , 490-499	0.9	2
149	A Unified Framework for Generalized Low-Shot Medical Image Segmentation With Scarce Data. <i>IEEE Transactions on Medical Imaging</i> , 2021 , 40, 2656-2671	11.7	9
148	Anomaly Detection for Medical Images Using Self-Supervised and Translation-Consistent Features. <i>IEEE Transactions on Medical Imaging</i> , 2021 , 40, 3641-3651	11.7	6
147	Triplet-Branch Network with Prior-Knowledge Embedding for Fatigue Fracture Grading. <i>Lecture Notes in Computer Science</i> , 2021 , 449-458	0.9	0
146	Generalized Organ Segmentation by Imitating One-Shot Reasoning Using Anatomical Correlation. <i>Lecture Notes in Computer Science</i> , 2021 , 452-464	0.9	0
145	Cross-modal coherent registration of whole mouse brains. <i>Nature Methods</i> , 2021 ,	21.6	2
144	Development and validation of an artificial intelligence system for grading colposcopic impressions and guiding biopsies. <i>BMC Medicine</i> , 2020 , 18, 406	11.4	15
143	Multi-Modality Generative Adversarial Networks with Tumor Consistency Loss for Brain MR Image Synthesis 2020 ,		3
142	A Multi-Task Self-Supervised Learning Framework for Scopy Images 2020 ,		2
141	Rubik's Cube+: A self-supervised feature learning framework for 3D medical image analysis. <i>Medical Image Analysis</i> , 2020 , 64, 101746	15.4	29
140	Uncertainty-aware domain alignment for anatomical structure segmentation. <i>Medical Image Analysis</i> , 2020 , 64, 101732	15.4	10
139	Computer-Aided Cervical Cancer Diagnosis Using Time-Lapsed Colposcopic Images. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 3403-3415	11.7	13
138	INPREM: An Interpretable and Trustworthy Predictive Model for Healthcare 2020 ,		2
137	Generative Adversarial Networks for Video-to-Video Domain Adaptation. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2020 , 34, 3462-3469	5	6

136	Self-Supervised CycleGAN for Object-Preserving Image-to-Image Domain Adaptation. <i>Lecture Notes in Computer Science</i> , 2020 , 498-513	0.9	4
135	A Macro-Micro Weakly-Supervised Framework for AS-OCT Tissue Segmentation. <i>Lecture Notes in Computer Science</i> , 2020 , 725-734	0.9	1
134	MI(^2)GAN: Generative Adversarial Network for Medical Image Domain Adaptation Using Mutual Information Constraint. <i>Lecture Notes in Computer Science</i> , 2020 , 516-525	0.9	2
133	Learning Crisp Edge Detector Using Logical Refinement Network. <i>Lecture Notes in Computer Science</i> , 2020 , 332-341	0.9	
132	OctopusNet: A Deep Learning Segmentation Network for Multi-modal Medical Images. <i>Lecture Notes in Computer Science</i> , 2020 , 17-25	0.9	8
131	Seg4Reg Networks for Automated Spinal Curvature Estimation. <i>Lecture Notes in Computer Science</i> , 2020 , 69-74	0.9	4
130	Learning and Exploiting Interclass Visual Correlations for Medical Image Classification. <i>Lecture Notes in Computer Science</i> , 2020 , 106-115	0.9	2
129	Comparing to Learn: Surpassing ImageNet Pretraining on Radiographs by Comparing Image Representations. <i>Lecture Notes in Computer Science</i> , 2020 , 398-407	0.9	18
128	Self-Loop Uncertainty: A Novel Pseudo-Label for Semi-supervised Medical Image Segmentation. <i>Lecture Notes in Computer Science</i> , 2020 , 614-623	0.9	15
127	Leveraging Undiagnosed Data for Glaucoma Classification with Teacher-Student Learning. <i>Lecture Notes in Computer Science</i> , 2020 , 731-740	0.9	7
126	Difficulty-Aware Glaucoma Classification with Multi-rater Consensus Modeling. <i>Lecture Notes in Computer Science</i> , 2020 , 741-750	0.9	4
125	Distractor-Aware Neuron Intrinsic Learning for Generic 2D Medical Image Classifications. <i>Lecture Notes in Computer Science</i> , 2020 , 591-601	0.9	2
124	Superpixel-Guided Label Softening for Medical Image Segmentation. <i>Lecture Notes in Computer Science</i> , 2020 , 227-237	0.9	3
123	Revisiting Rubik's Cube: Self-supervised Learning with Volume-Wise Transformation for 3D Medical Image Segmentation. <i>Lecture Notes in Computer Science</i> , 2020 , 238-248	0.9	8
122	Instance-Aware Self-supervised Learning for Nuclei Segmentation. <i>Lecture Notes in Computer Science</i> , 2020 , 341-350	0.9	13
121	GREEN: a Graph RESidual rE-ranking Network for Grading Diabetic Retinopathy. <i>Lecture Notes in Computer Science</i> , 2020 , 585-594	0.9	4
120	TR-GAN: Topology Ranking GAN with Triplet Loss for Retinal Artery/Vein Classification. <i>Lecture Notes in Computer Science</i> , 2020 , 616-625	0.9	5
119	Multimodal medical volumes translation and segmentation with generative adversarial network 2020 , 183-204		1

118	Conquering Data Variations in Resolution: A Slice-Aware Multi-Branch Decoder Network. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 4174-4185	11.7	8
117	LT-Net: Label Transfer by Learning Reversible Voxel-Wise Correspondence for One-Shot Medical Image Segmentation 2020 ,		16
116	Efficient and Effective Training of COVID-19 Classification Networks With Self-Supervised Dual-Track Learning to Rank. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020 , 24, 2787-2797	7.2	34
115	Face Completion with Semantic Knowledge and Collaborative Adversarial Learning. <i>Lecture Notes in Computer Science</i> , 2019 , 382-397	0.9	3
114	Combo loss: Handling input and output imbalance in multi-organ segmentation. <i>Computerized Medical Imaging and Graphics</i> , 2019 , 75, 24-33	7.6	74
113	Pairwise Semantic Segmentation via Conjugate Fully Convolutional Network. <i>Lecture Notes in Computer Science</i> , 2019 , 157-165	0.9	2
112	Pyramid Network with Online Hard Example Mining for Accurate Left Atrium Segmentation. <i>Lecture Notes in Computer Science</i> , 2019 , 237-245	0.9	7
111	Attentive CT Lesion Detection Using Deep Pyramid Inference with Multi-scale Booster. <i>Lecture Notes in Computer Science</i> , 2019 , 301-309	0.9	20
110	Multi-task Neural Networks with Spatial Activation for Retinal Vessel Segmentation and Artery/Vein Classification. <i>Lecture Notes in Computer Science</i> , 2019 , 769-778	0.9	20
109	Self-supervised Feature Learning for 3D Medical Images by Playing a Rubik's Cube. <i>Lecture Notes in Computer Science</i> , 2019 , 420-428	0.9	30
108	Select, Attend, and Transfer: Light, Learnable Skip Connections. <i>Lecture Notes in Computer Science</i> , 2019 , 417-425	0.9	5
107	2019 ,		34
106	Towards cross-modal organ translation and segmentation: A cycle- and shape-consistent generative adversarial network. <i>Medical Image Analysis</i> , 2019 , 52, 174-184	15.4	39
105	Multi-Scale Deep Reinforcement Learning for Real-Time 3D-Landmark Detection in CT Scans. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019 , 41, 176-189	13.3	122
104	Deep similarity learning for multimodal medical images. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2018 , 6, 248-252	0.9	53
103	Translating and Segmenting Multimodal Medical Volumes with Cycle- and Shape-Consistency Generative Adversarial Network 2018 ,		142
102	Deep Reinforcement Learning for Vessel Centerline Tracing in Multi-modality 3D Volumes. <i>Lecture Notes in Computer Science</i> , 2018 , 755-763	0.9	11
101	2017 ,		14

100	Deep Learning Based Automatic Segmentation of Pathological Kidney in CT: Local Versus Global Image Context. <i>Advances in Computer Vision and Pattern Recognition</i> , 2017 , 241-255	1.1	6
99	Review of Deep Learning Methods in Mammography, Cardiovascular, and Microscopy Image Analysis. <i>Advances in Computer Vision and Pattern Recognition</i> , 2017 , 11-32	1.1	17
98	Robust Landmark Detection in Volumetric Data with Efficient 3D Deep Learning. <i>Advances in Computer Vision and Pattern Recognition</i> , 2017 , 49-61	1.1	
97	Coronary Centerline Extraction via Optimal Flow Paths and CNN Path Pruning. <i>Lecture Notes in Computer Science</i> , 2016 , 317-325	0.9	18
96	Structure-Aware Rank-1 Tensor Approximation for Curvilinear Structure Tracking Using Learned Hierarchical Features. <i>Lecture Notes in Computer Science</i> , 2016 , 413-421	0.9	3
95	Real-time 2D/3D registration via CNN regression 2016 ,		35
94	Marginal Space Deep Learning: Efficient Architecture for Volumetric Image Parsing. <i>IEEE Transactions on Medical Imaging</i> , 2016 , 35, 1217-1228	11.7	96
93	Iterative Multi-domain Regularized Deep Learning for Anatomical Structure Detection and Segmentation from Ultrasound Images. <i>Lecture Notes in Computer Science</i> , 2016 , 487-495	0.9	39
92	An evaluation of automatic coronary artery calcium scoring methods with cardiac CT using the orCaScore framework. <i>Medical Physics</i> , 2016 , 43, 2361	4.4	40
91	Automatic Segmentation of Spinal Canals in CT Images via Iterative Topology Refinement. <i>IEEE Transactions on Medical Imaging</i> , 2015 , 34, 1694-704	11.7	9
90	3D Deep Learning for Efficient and Robust Landmark Detection in Volumetric Data. <i>Lecture Notes in Computer Science</i> , 2015 , 565-572	0.9	62
89	Noninvasive hemodynamic assessment, treatment outcome prediction and follow-up of aortic coarctation from MR imaging. <i>Medical Physics</i> , 2015 , 42, 2143-56	4.4	11
88	Cross-modality medical image detection and segmentation by transfer learning of shapel priors 2015 ,		4
87	Benchmark for Algorithms Segmenting the Left Atrium From 3D CT and MRI Datasets. <i>IEEE Transactions on Medical Imaging</i> , 2015 , 34, 1460-1473	11.7	96
86	Marginal Space Deep Learning: Efficient Architecture for Detection in Volumetric Image Data. <i>Lecture Notes in Computer Science</i> , 2015 , 710-718	0.9	5
85	Marginal Space Learning for Medical Image Analysis 2014 ,		10
84	Interventional heart wall motion analysis with cardiac C-arm CT systems. <i>Physics in Medicine and Biology</i> , 2014 , 59, 2265-84	3.8	5
83	CTA coronary labeling through efficient geodesics between trees using anatomy priors. <i>Lecture Notes in Computer Science</i> , 2014 , 17, 521-8	0.9	5

82	Multi-part modeling and segmentation of left atrium in C-arm CT for image-guided ablation of atrial fibrillation. <i>IEEE Transactions on Medical Imaging</i> , 2014 , 33, 318-31	11.7	21
81	Nonrigid Object Segmentation: Application to Four-Chamber Heart Segmentation 2014 , 159-198		
80	Improving accuracy in coronary lumen segmentation via explicit calcium exclusion, learning-based ray detection and surface optimization 2014 ,		3
79	Reliable extraction of the mid-sagittal plane in 3D brain MRI via hierarchical landmark detection 2014 ,		6
78	Marginal Space Learning 2014 , 25-65		4
77	Computer Aided Diagnosis Using Multilevel Image Features on Large-Scale Evaluation. <i>Lecture Notes in Computer Science</i> , 2014 , 161-174	0.9	5
76	Precise Lumen Segmentation in Coronary Computed Tomography Angiography. <i>Lecture Notes in Computer Science</i> , 2014 , 137-147	0.9	7
75	Computer Aided Diagnosis Using Multilevel Image Features on Large-Scale Evaluation. <i>Lecture Notes in Computer Science</i> , 2014 , 161-174	0.9	7
74	Comparison of Marginal Space Learning and Full Space Learning in 2D 2014 , 67-78		
73	Part-Based Object Detection and Segmentation 2014 , 103-135		
72	Pericardium based model fusion of CT and non-contrasted C-arm CT for visual guidance in cardiac interventions. <i>Lecture Notes in Computer Science</i> , 2014 , 17, 700-7	0.9	
71	Constrained Marginal Space Learning 2014 , 79-101		
70	Applications of Marginal Space Learning in Medical Imaging 2014 , 199-256		
69	Sparse appearance learning based automatic coronary sinus segmentation in CTA. <i>Lecture Notes in Computer Science</i> , 2014 , 17, 779-87	0.9	
68	Optimal Mean Shape for Nonrigid Object Detection and Segmentation 2014 , 137-158		
67	Spine detection in CT and MR using iterated marginal space learning. <i>Medical Image Analysis</i> , 2013 , 17, 1283-92	15.4	85
66	Evaluation of interpolation methods for surface-based motion compensated tomographic reconstruction for cardiac angiographic C-arm data. <i>Medical Physics</i> , 2013 , 40, 031107	4.4	11
65	Automatic and efficient contrast-based 2-D/3-D fusion for trans-catheter aortic valve implantation (TAVI). <i>Computerized Medical Imaging and Graphics</i> , 2013 , 37, 150-61	7.6	13

64	Motion-compensated mega-voltage cone beam CT using the deformation derived directly from 2D projection images. <i>IEEE Transactions on Medical Imaging</i> , 2013 , 32, 1365-75	11.7	6
63	Learning-Based Detection and Tracking in Medical Imaging: A Probabilistic Approach. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2013 , 209-235	0.3	8
62	Graph cuts based left atrium segmentation refinement and right middle pulmonary vein extraction in C-arm CT 2013 ,		3
61	Automatic Heart Isolation in 3D CT Images. <i>Lecture Notes in Computer Science</i> , 2013 , 165-180	0.9	2
60	Robust and accurate coronary artery centerline extraction in CTA by combining model-driven and data-driven approaches. <i>Lecture Notes in Computer Science</i> , 2013 , 16, 74-81	0.9	39
59	Automatic 3D motion estimation of left ventricle from C-arm rotational angiocardiology using a prior motion model and learning based boundary detector. <i>Lecture Notes in Computer Science</i> , 2013 , 16, 90-7	0.9	1
58	Automatic aorta segmentation and valve landmark detection in C-arm CT for transcatheter aortic valve implantation. <i>IEEE Transactions on Medical Imaging</i> , 2012 , 31, 2307-21	11.7	65
57	Segmentation and removal of pulmonary arteries, veins and left atrial appendage for visualizing coronary and bypass arteries 2012 ,		3
56	Precise segmentation of the left atrium in C-arm CT volumes with applications to atrial fibrillation ablation 2012 ,		8
55	Personalized learning-based segmentation of thoracic aorta and main branches for diagnosis and treatment planning 2012 ,		4
54	Catheter tracking via online learning for dynamic motion compensation in transcatheter aortic valve implantation. <i>Lecture Notes in Computer Science</i> , 2012 , 15, 17-24	0.9	5
53	Precise segmentation of multiple organs in CT volumes using learning-based approach and information theory. <i>Lecture Notes in Computer Science</i> , 2012 , 15, 462-9	0.9	24
52	Model-Driven Centerline Extraction for Severely Occluded Major Coronary Arteries. <i>Lecture Notes in Computer Science</i> , 2012 , 10-18	0.9	4
51	3D lung tumor motion model extraction from 2D projection images of mega-voltage cone beam CT via optimal graph search. <i>Lecture Notes in Computer Science</i> , 2012 , 15, 239-46	0.9	2
50	Discriminative Learning for Anatomical Structure Detection and Segmentation 2012 , 273-306		1
49	Detection of 3D Spinal Geometry Using Iterated Marginal Space Learning. <i>Lecture Notes in Computer Science</i> , 2011 , 96-105	0.9	23
48	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 ,		13
47	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, 3269-300	3.8	16

46	Prediction based collaborative trackers (PCT): a robust and accurate approach toward 3D medical object tracking. <i>IEEE Transactions on Medical Imaging</i> , 2011 , 30, 1921-32	11.7	41
45	Machine learning based vesselness measurement for coronary artery segmentation in cardiac CT volumes 2011 ,		22
44	Adaptive random forest [How many Experts]to ask before making a decision? 2011 ,		11
43	Detection, grading and classification of coronary stenoses in computed tomography angiography. <i>Lecture Notes in Computer Science</i> , 2011 , 14, 25-32	0.9	29
42	Efficient detection of native and bypass coronary ostia in cardiac CT volumes: anatomical vs. pathological structures. <i>Lecture Notes in Computer Science</i> , 2011 , 14, 403-10	0.9	5
41	Automatic extraction of 3D dynamic left ventricle model from 2D rotational angiocardiogram. <i>Lecture Notes in Computer Science</i> , 2011 , 14, 471-8	0.9	6
40	Multi-part left atrium modeling and segmentation in C-arm CT volumes for atrial fibrillation ablation. <i>Lecture Notes in Computer Science</i> , 2011 , 14, 487-95	0.9	9
39	Model-based fusion of multi-modal volumetric images: application to transcatheter valve procedures. <i>Lecture Notes in Computer Science</i> , 2011 , 14, 219-26	0.9	3
38	Automatic aorta segmentation and valve landmark detection in C-arm CT: application to aortic valve implantation. <i>Lecture Notes in Computer Science</i> , 2010 , 13, 476-83	0.9	23
37	Aortic valve and ascending aortic root modeling from 3D and 3D+t CT 2010 ,		3
36	Fast and Automatic Heart Isolation in 3D CT Volumes: Optimal Shape Initialization. <i>Lecture Notes in Computer Science</i> , 2010 , 84-91	0.9	12
35	Patient-specific modeling of left heart anatomy, dynamics and hemodynamics from high resolution 4D CT 2010 ,		12
34	System to guide transcatheter aortic valve implantations based on interventional C-arm CT imaging. <i>Lecture Notes in Computer Science</i> , 2010 , 13, 375-82	0.9	17
33	Patient-Specific Modeling of the Heart: Applications to Cardiovascular Disease Management. <i>Lecture Notes in Computer Science</i> , 2010 , 14-24	0.9	3
32	Fast Automatic Detection of Calcified Coronary Lesions in 3D Cardiac CT Images. <i>Lecture Notes in Computer Science</i> , 2010 , 1-9	0.9	15
31	Left ventricle endocardium segmentation for cardiac CT volumes using an optimal smooth surface 2009 ,		3
30	Automatic left ventricle detection in MRI images using marginal space learning and component-based voting 2009 ,		4
29	Constrained marginal space learning for efficient 3D anatomical structure detection in medical images 2009 ,		16

28	Robust object detection using marginal space learning and ranking-based multi-detector aggregation: Application to left ventricle detection in 2D MRI images 2009 ,		9
27	Signature detection and matching for document image retrieval. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2009 , 31, 2015-31	13.3	34
26	Marginal space learning for efficient detection of 2D/3D anatomical structures in medical images. <i>Lecture Notes in Computer Science</i> , 2009 , 21, 411-22	0.9	28
25	Fast and robust 3-D MRI brain structure segmentation. <i>Lecture Notes in Computer Science</i> , 2009 , 12, 575-83	8.3	10
24	Four-chamber heart modeling and automatic segmentation for 3-D cardiac CT volumes using marginal space learning and steerable features. <i>IEEE Transactions on Medical Imaging</i> , 2008 , 27, 1668-81	11.7	409
23	Hierarchical, learning-based automatic liver segmentation 2008 ,		82
22	Script-independent text line segmentation in freestyle handwritten documents. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2008 , 30, 1313-29	13.3	126
21	AutoMPR: Automatic detection of standard planes in 3D echocardiography 2008 ,		3
20	A FAST AND ACCURATE TRACKING ALGORITHM OF LEFT VENTRICLES IN 3D ECHOCARDIOGRAPHY 2008 , 5, 221-224	1.5	12
19	3D ultrasound tracking of the left ventricle using one-step forward prediction and data fusion of collaborative trackers 2008 ,		3
18	Four-chamber heart modeling and automatic segmentation for 3D cardiac CT volumes 2008 ,		6
17	Signature-Based Document Image Retrieval. <i>Lecture Notes in Computer Science</i> , 2008 , 752-765	0.9	7
16	Multi-scale Structural Saliency for Signature Detection 2007 ,		21
15	Fast Automatic Heart Chamber Segmentation from 3D CT Data Using Marginal Space Learning and Steerable Features 2007 ,		77
14	Robust point matching for nonrigid shapes by preserving local neighborhood structures. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2006 , 28, 643-9	13.3	207
13	Detecting Text Lines in Handwritten Documents 2006 ,		7
12	Classification-Based Spatial Error Concealment for Visual Communications. <i>Eurasip Journal on Advances in Signal Processing</i> , 2006 , 2006, 1	1.9	9
11	Example Based Non-rigid Shape Detection. <i>Lecture Notes in Computer Science</i> , 2006 , 423-436	0.9	4

10	A parallel-line detection algorithm based on HMM decoding. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2005 , 27, 777-92	13.3	26
9	Robust point matching for two-dimensional nonrigid shapes 2005 ,		2
8	Handwriting matching and its application to handwriting synthesis 2005 ,		8
7	Machine printed text and handwriting identification in noisy document images. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2004 , 26, 337-53	13.3	113
6	Background Line Detection with A Stochastic Model 2003 ,		2
5	The Segmentation and Identification of Handwriting in Noisy Document Images. <i>Lecture Notes in Computer Science</i> , 2002 , 95-105	0.9	18
4	Single-character type identification 2001 ,		6
3	Text identification in noisy document images using Markov random model		9
2	A model-based line detection algorithm in documents		6
1	Form frame line detection with directional single-connected chain		11