Yefeng Zheng

List of Publications by Citations

173 papers	3,234 citations	28 h-index	51 g-index
186 ext. papers	4,183 ext. citations	4.9 avg, IF	5.69 L-index

#	Paper	IF	Citations
173	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, 1668-81	11	388
172	Robust point matching for nonrigid shapes by preserving local neighborhood structures. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2006**, 28, 643-9	11.5	187
171	Translating and Segmenting Multimodal Medical Volumes with Cycle- and Shape-Consistency Generative Adversarial Network **2018**,		127
170	Script-independent text line segmentation in freestyle handwritten documents. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2008**, 30, 1313-29	11.5	119
169	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	11.5	109
168	Machine printed text and handwriting identification in noisy document images. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2004**, 26, 337-53	11.5	94
167	Marginal Space Deep Learning: Efficient Architecture for Volumetric Image Parsing. *IEEE Transactions on Medical Imaging*, **2016**, 35, 1217-1228	11	89
166	Benchmark for Algorithms Segmenting the Left Atrium From 3D CT and MRI Datasets. *IEEE Transactions on Medical Imaging*, **2015**, 34, 1460-1473	11	88
165	Spine detection in CT and MR using iterated marginal space learning. *Medical Image Analysis*, **2013**, 17, 1283-92	14.7	84
164	Hierarchical, learning-based automatic liver segmentation **2008**,		73
163	Fast Automatic Heart Chamber Segmentation from 3D CT Data Using Marginal Space Learning and Steerable Features **2007**,		69
162	Combo loss: Handling input and output imbalance in multi-organ segmentation. *Computerized Medical Imaging and Graphics*, **2019**, 75, 24-33	7.2	74
161	Automatic aorta segmentation and valve landmark detection in C-arm CT for transcatheter aortic valve implantation. *IEEE Transactions on Medical Imaging*, **2012**, 31, 2307-21	11	62
160	3D Deep Learning for Efficient and Robust Landmark Detection in Volumetric Data. *Lecture Notes in Computer Science*, **2015**, 565-572	0.8	55
159	Deep similarity learning for multimodal medical images. *Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization*, **2018**, 6, 248-252	0.8	51
158	Prediction based collaborative trackers (PCT): a robust and accurate approach toward 3D medical object tracking. *IEEE Transactions on Medical Imaging*, **2011**, 30, 1921-32	11	39
157	Iterative Multi-domain Regularized Deep Learning for Anatomical Structure Detection and Segmentation from Ultrasound Images. *Lecture Notes in Computer Science*, **2016**, 487-495	0.8	34

156	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	0.8	37
155	Towards cross-modal organ translation and segmentation: A cycle- and shape-consistent generative adversarial network. *Medical Image Analysis*, **2019**, 52, 174-184	14.7	36
154	An evaluation of automatic coronary artery calcium scoring methods with cardiac CT using the orCaScore framework. *Medical Physics*, **2016**, 43, 2361	4.2	36
153	Real-time 2D/3D registration via CNN regression **2016**,		31
152	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	6.7	35
151	Signature detection and matching for document image retrieval. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2009**, 31, 2015-31	11.5	32
150	Detection, grading and classification of coronary stenoses in computed tomography angiography. *Lecture Notes in Computer Science*, **2011**, 14, 25-32	0.8	27
149	**2019**,		29
148	Self-supervised Feature Learning for 3D Medical Images by Playing a Rubik□ Cube. *Lecture Notes in Computer Science*, **2019**, 420-428	0.8	30
147	Marginal space learning for efficient detection of 2D/3D anatomical structures in medical images. *Lecture Notes in Computer Science*, **2009**, 21, 411-22	0.8	25
146	A global benchmark of algorithms for segmenting the left atrium from late gadolinium-enhanced cardiac magnetic resonance imaging. *Medical Image Analysis*, **2021**, 67, 101832	14.7	29
145	Rubik's Cube+: A self-supervised feature learning framework for 3D medical image analysis. *Medical Image Analysis*, **2020**, 64, 101746	14.7	23
144	A parallel-line detection algorithm based on HMM decoding. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2005**, 27, 777-92	11.5	23
143	Detection of 3D Spinal Geometry Using Iterated Marginal Space Learning. *Lecture Notes in Computer Science*, **2011**, 96-105	0.8	21
142	Automatic aorta segmentation and valve landmark detection in C-arm CT: application to aortic valve implantation. *Lecture Notes in Computer Science*, **2010**, 13, 476-83	0.8	22
141	Preoperative identification of microvascular invasion in hepatocellular carcinoma by XGBoost and deep learning. *Journal of Cancer Research and Clinical Oncology*, **2021**, 147, 821-833	4.7	24
140	Precise segmentation of multiple organs in CT volumes using learning-based approach and information theory. *Lecture Notes in Computer Science*, **2012**, 15, 462-9	0.8	23
139	Machine learning based vesselness measurement for coronary artery segmentation in cardiac CT volumes **2011**,		21

138	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, 318-31	11	21
137	Multi-scale Structural Saliency for Signature Detection **2007**,		17
136	Coronary Centerline Extraction via Optimal Flow Paths and CNN Path Pruning. *Lecture Notes in Computer Science*, **2016**, 317-325	0.8	18
135	Multi-task Neural Networks with Spatial Activation for Retinal Vessel Segmentation and Artery/Vein Classification. *Lecture Notes in Computer Science*, **2019**, 769-778	0.8	17
134	Morphological diversity of single neurons in molecularly defined cell types. *Nature*, **2021**, 598, 174-181	47.5	17
133	Attentive CT Lesion Detection Using Deep Pyramid Inference with Multi-scale Booster. *Lecture Notes in Computer Science*, **2019**, 301-309	0.8	17
132	System to guide transcatheter aortic valve implantations based on interventional C-arm CT imaging. *Lecture Notes in Computer Science*, **2010**, 13, 375-82	0.8	16
131	A discriminative model-constrained EM approach to 3D MRI brain tissue classification and intensity non-uniformity correction. *Physics in Medicine and Biology*, **2011**, 56, 3269-300	3.6	16
130	The Segmentation and Identification of Handwriting in Noisy Document Images. *Lecture Notes in Computer Science*, **2002**, 95-105	0.8	16
129	Review of Deep Learning Methods in Mammography, Cardiovascular, and Microscopy Image Analysis. *Advances in Computer Vision and Pattern Recognition*, **2017**, 11-32	1	14
128	Constrained marginal space learning for efficient 3D anatomical structure detection in medical images **2009**,		15
127	Fast Automatic Detection of Calcified Coronary Lesions in 3D Cardiac CT Images. *Lecture Notes in Computer Science*, **2010**, 1-9	0.8	13
126	LT-Net: Label Transfer by Learning Reversible Voxel-Wise Correspondence for One-Shot Medical Image Segmentation **2020**,		13
125	Development and validation of an artificial intelligence system for grading colposcopic impressions and guiding biopsies. *BMC Medicine*, **2020**, 18, 406	11.1	14
124	**2017**,		13
123	Automatic and efficient contrast-based 2-D/3-D fusion for trans-catheter aortic valve implantation (TAVI). *Computerized Medical Imaging and Graphics*, **2013**, 37, 150-61	7.2	12
122	Comparing to Learn: Surpassing ImageNet Pretraining on Radiographs by Comparing Image Representations. *Lecture Notes in Computer Science*, **2020**, 398-407	0.8	15
121	Patient-specific modeling of left heart anatomy, dynamics and hemodynamics from high resolution 4D CT **2010**,		12

120	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**,		11
119	Fast and Automatic Heart Isolation in 3D CT Volumes: Optimal Shape Initialization. *Lecture Notes in Computer Science*, **2010**, 84-91	0.8	11
118	A FAST AND ACCURATE TRACKING ALGORITHM OF LEFT VENTRICLES IN 3D ECHOCARDIOGRAPHY **2008**, 5, 221-224	1.4	12
117	Self-Loop Uncertainty: A Novel Pseudo-Label for Semi-supervised Medical Image Segmentation. *Lecture Notes in Computer Science*, **2020**, 614-623	0.8	12
116	Evaluation of interpolation methods for surface-based motion compensated tomographic reconstruction for cardiac angiographic C-arm data. *Medical Physics*, **2013**, 40, 031107	4.2	11
115	Adaptive random forest How many xperts to ask before making a decision? **2011**,		11
114	Form frame line detection with directional single-connected chain		8
113	Instance-Aware Self-supervised Learning for Nuclei Segmentation. *Lecture Notes in Computer Science*, **2020**, 341-350	0.8	12
112	Learning Calibrated Medical Image Segmentation via Multi-rater Agreement Modeling **2021**,		11
111	Marginal Space Learning for Medical Image Analysis **2014**,		9
110	Noninvasive hemodynamic assessment, treatment outcome prediction and follow-up of aortic coarctation from MR imaging. *Medical Physics*, **2015**, 42, 2143-56	4.2	10
109	Uncertainty-aware domain alignment for anatomical structure segmentation. *Medical Image Analysis*, **2020**, 64, 101732	14.7	10
108	Fast and robust 3-D MRI brain structure segmentation. *Lecture Notes in Computer Science*, **2009**, 12, 575-83	0.8	9
107	Automatic Segmentation of Spinal Canals in CT Images via Iterative Topology Refinement. *IEEE Transactions on Medical Imaging*, **2015**, 34, 1694-704	11	8
106	Robust object detection using marginal space learning and ranking-based multi-detector aggregation: Application to left ventricle detection in 2D MRI images **2009**,		9
105	Computer-Aided Cervical Cancer Diagnosis Using Time-Lapsed Colposcopic Images. *IEEE Transactions on Medical Imaging*, **2020**, 39, 3403-3415	11	11
104	Classification-Based Spatial Error Concealment for Visual Communications. *Eurasip Journal on Advances in Signal Processing*, **2006**, 2006, 1	1.8	9
103	Multi-part left atrium modeling and segmentation in C-arm CT volumes for atrial fibrillation ablation. *Lecture Notes in Computer Science*, **2011**, 14, 487-95	0.8	9

102	Deep Reinforcement Learning for Vessel Centerline Tracing in Multi-modality 3D Volumes. *Lecture Notes in Computer Science*, **2018**, 755-763	0.8	8
101	Learning-Based Detection and Tracking in Medical Imaging: A Probabilistic Approach. *Lecture Notes in Computational Vision and Biomechanics*, **2013**, 209-235	0.3	7
100	Precise segmentation of the left atrium in C-arm CT volumes with applications to atrial fibrillation ablation **2012**,		6
99	Deep Representation-Based Domain Adaptation for Nonstationary EEG Classification. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 535-545	8.5	8
98	A Unified Framework for Generalized Low-Shot Medical Image Segmentation With Scarce Data. *IEEE Transactions on Medical Imaging*, **2021**, 40, 2656-2671	11	7
97	Conquering Data Variations in Resolution: A Slice-Aware Multi-Branch Decoder Network. *IEEE Transactions on Medical Imaging*, **2020**, 39, 4174-4185	11	7
96	Handwriting matching and its application to handwriting synthesis **2005**,		6
95	Text identification in noisy document images using Markov random model		6
94	Pyramid Network with Online Hard Example Mining for Accurate Left Atrium Segmentation. *Lecture Notes in Computer Science*, **2019**, 237-245	0.8	7
93	OctopusNet: A Deep Learning Segmentation Network for Multi-modal Medical Images. *Lecture Notes in Computer Science*, **2020**, 17-25	0.8	6
92	Leveraging Undiagnosed Data for Glaucoma Classification with Teacher-Student Learning. *Lecture Notes in Computer Science*, **2020**, 731-740	0.8	6
91	Revisiting Rubik□ Cube: Self-supervised Learning with Volume-Wise Transformation for 3D Medical Image Segmentation. *Lecture Notes in Computer Science*, **2020**, 238-248	0.8	8
90	Precise Lumen Segmentation in Coronary Computed Tomography Angiography. *Lecture Notes in Computer Science*, **2014**, 137-147	0.8	7
89	Computer Aided Diagnosis Using Multilevel Image Features on Large-Scale Evaluation. *Lecture Notes in Computer Science*, **2014**, 161-174	0.8	7
88	Signature-Based Document Image Retrieval. *Lecture Notes in Computer Science*, **2008**, 752-765	0.8	6
87	From Rain Generation to Rain Removal **2021**,		5
86	Reliable extraction of the mid-sagittal plane in 3D brain MRI via hierarchical landmark detection **2014**,		5
85	Motion-compensated mega-voltage cone beam CT using the deformation derived directly from 2D projection images. *IEEE Transactions on Medical Imaging*, **2013**, 32, 1365-75	11	5

84	MIL-VT: Multiple Instance Learning Enhanced Vision Transformer for Fundus Image Classification. *Lecture Notes in Computer Science*, **2021**, 45-54	0.8	9
83	Four-chamber heart modeling and automatic segmentation for 3D cardiac CT volumes **2008**,		5
82	Generative Adversarial Networks for Video-to-Video Domain Adaptation. *Proceedings of the AAAI Conference on Artificial Intelligence*, **2020**, 34, 3462-3469	3.4	5
81	Detecting Text Lines in Handwritten Documents **2006**,		6
80	A model-based line detection algorithm in documents		5
79	Single-character type identification **2001**,		5
78	Automatic extraction of 3D dynamic left ventricle model from 2D rotational angiocardiogram. *Lecture Notes in Computer Science*, **2011**, 14, 471-8	0.8	6
77	Interventional heart wall motion analysis with cardiac C-arm CT systems. *Physics in Medicine and Biology*, **2014**, 59, 2265-84	3.6	5
76	CTA coronary labeling through efficient geodesics between trees using anatomy priors. *Lecture Notes in Computer Science*, **2014**, 17, 521-8	0.8	5
75	Pairwise learning for medical image segmentation. *Medical Image Analysis*, **2021**, 67, 101876	14.7	5
74	Crossover-Net: Leveraging vertical-horizontal crossover relation for robust medical image segmentation. *Pattern Recognition*, **2021**, 113, 107756	7.2	4
73	Marginal Space Deep Learning: Efficient Architecture for Detection in Volumetric Image Data. *Lecture Notes in Computer Science*, **2015**, 710-718	0.8	5
72	Efficient detection of native and bypass coronary ostia in cardiac CT volumes: anatomical vs. pathological structures. *Lecture Notes in Computer Science*, **2011**, 14, 403-10	0.8	5
71	Catheter tracking via online learning for dynamic motion compensation in transcatheter aortic valve implantation. *Lecture Notes in Computer Science*, **2012**, 15, 17-24	0.8	5
70	Cross-modality medical image detection and segmentation by transfer learning of shapel priors **2015**,		2
69	Personalized learning-based segmentation of thoracic aorta and main branches for diagnosis and treatment planning **2012**,		3
68	InDuDoNet: An Interpretable Dual Domain Network for CT Metal Artifact Reduction. *Lecture Notes in Computer Science*, **2021**, 107-118	0.8	2
67	Noisy Labels are Treasure: Mean-Teacher-Assisted Confident Learning for Hepatic Vessel Segmentation. *Lecture Notes in Computer Science*, **2021**, 3-13	0.8	3

66	Automatic left ventricle detection in MRI images using marginal space learning and component-based voting **2009**,		4
65	Anomaly Detection for Medical Images Using Self-Supervised and Translation-Consistent Features. *IEEE Transactions on Medical Imaging*, **2021**, 40, 3641-3651	11	5
64	Example Based Non-rigid Shape Detection. *Lecture Notes in Computer Science*, **2006**, 423-436	0.8	3
63	Marginal Space Learning **2014**, 25-65		2
62	Select, Attend, and Transfer: Light, Learnable Skip Connections. *Lecture Notes in Computer Science*, **2019**, 417-425	0.8	4
61	TR-GAN: Topology Ranking GAN with Triplet Loss for Retinal Artery/Vein Classification. *Lecture Notes in Computer Science*, **2020**, 616-625	0.8	4
60	Computer Aided Diagnosis Using Multilevel Image Features on Large-Scale Evaluation. *Lecture Notes in Computer Science*, **2014**, 161-174	0.8	4
59	Deep Learning Based Automatic Segmentation of Pathological Kidney in CT: Local Versus Global Image Context. *Advances in Computer Vision and Pattern Recognition*, **2017**, 241-255	1	3
58	Model-Driven Centerline Extraction for Severely Occluded Major Coronary Arteries. *Lecture Notes in Computer Science*, **2012**, 10-18	0.8	4
57	Self-Supervised CycleGAN for Object-Preserving Image-to-Image Domain Adaptation. *Lecture Notes in Computer Science*, **2020**, 498-513	0.8	3
56	Structure-Aware Rank-1 Tensor Approximation for Curvilinear Structure Tracking Using Learned Hierarchical Features. *Lecture Notes in Computer Science*, **2016**, 413-421	0.8	3
55	Face Completion with Semantic Knowledge and Collaborative Adversarial Learning. *Lecture Notes in Computer Science*, **2019**, 382-397	0.8	4
54	Improving accuracy in coronary lumen segmentation via explicit calcium exclusion, learning-based ray detection and surface optimization **2014**,		3
53	Segmentation and removal of pulmonary arteries, veins and left atrial appendage for visualizing coronary and bypass arteries **2012**,		3
52	Graph cuts based left atrium segmentation refinement and right middle pulmonary vein extraction in C-arm CT **2013**,		3
51	Aortic valve and ascending aortic root modeling from 3D and 3D+t CT **2010**,		3
50	AutoMPR: Automatic detection of standard planes in 3D echocardiography **2008**,		3
49	Multi-Modality Generative Adversarial Networks with Tumor Consistency Loss for Brain MR Image Synthesis **2020**,		3

48	Dynamic Joint Domain Adaptation Network for Motor Imagery Classification. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, **2021**, 29, 556-565	4.3	3
47	3D ultrasound tracking of the left ventricle using one-step forward prediction and data fusion of collaborative trackers **2008**,		3
46	Left ventricle endocardium segmentation for cardiac CT volumes using an optimal smooth surface **2009**,		3
45	Seg4Reg Networks for Automated Spinal Curvature Estimation. *Lecture Notes in Computer Science*, **2020**, 69-74	0.8	2
44	Learning and Exploiting Interclass Visual Correlations for Medical Image Classification. *Lecture Notes in Computer Science*, **2020**, 106-115	0.8	3
43	Difficulty-Aware Glaucoma Classification with Multi-rater Consensus Modeling. *Lecture Notes in Computer Science*, **2020**, 741-750	0.8	3
42	Superpixel-Guided Label Softening for Medical Image Segmentation. *Lecture Notes in Computer Science*, **2020**, 227-237	0.8	3
41	GREEN: a Graph REsidual rE-ranking Network for Grading Diabetic Retinopathy. *Lecture Notes in Computer Science*, **2020**, 585-594	0.8	3
40	Patient-Specific Modeling of the Heart: Applications to Cardiovascular Disease Management. *Lecture Notes in Computer Science*, **2010**, 14-24	0.8	3
39	Model-based fusion of multi-modal volumetric images: application to transcatheter valve procedures. *Lecture Notes in Computer Science*, **2011**, 14, 219-26	0.8	3
38	Deep Symmetric Adaptation Network for Cross-modality Medical Image Segmentation. *IEEE Transactions on Medical Imaging*, **2021**, PP,	11	2
37	Recist-Net: Lesion Detection Via Grouping Keypoints On Recist-Based Annotation **2021**,		2
36	Robust point matching for two-dimensional nonrigid shapes **2005**,		2
35	Background Line Detection with A Stochastic Model **2003**,		2
34	Cross-modal coherent registration of whole mouse brains. *Nature Methods*, **2021**,	21	2
33	DICDNet: Deep Interpretable Convolutional Dictionary Network for Metal Artifact Reduction in CT Images. *IEEE Transactions on Medical Imaging*, **2021**, PP,	11	1
32	Distractor-Aware Neuron Intrinsic Learning for Generic 2D Medical Image Classifications. *Lecture Notes in Computer Science*, **2020**, 591-601	0.8	2
31	Automatic Heart Isolation in 3D CT Images. *Lecture Notes in Computer Science*, **2013**, 165-180	0.8	2

30	MI(^2)GAN: Generative Adversarial Network for Medical Image Domain Adaptation Using Mutual Information Constraint. *Lecture Notes in Computer Science*, **2020**, 516-525	0.8	2
29	Inconsistency-aware Uncertainty Estimation for Semi-supervised Medical Image Segmentation. *IEEE Transactions on Medical Imaging*, **2021**, PP,	11	2
28	Pairwise Semantic Segmentation via Conjugate Fully Convolutional Network. *Lecture Notes in Computer Science*, **2019**, 157-165	0.8	2
27	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, 239-46	0.8	2
26	Robust pigtail catheter tip detection in fluoroscopy **2012**,		1
25	Multimodal medical volumes translation and segmentation with generative adversarial network **2020**, 183-204		1
24	A Multi-Task Self-Supervised Learning Framework for Scopy Images **2020**,		1
23	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	0.8	1
22	Seg4Reg+: Consistency Learning Between Spine Segmentation and Cobb Angle Regression. *Lecture Notes in Computer Science*, **2021**, 490-499	0.8	0
21	INPREM: An Interpretable and Trustworthy Predictive Model for Healthcare **2020**,		3
20	All-Around Real Label Supervision: Cyclic Prototype Consistency Learning for Semi-supervised Medical Image Segmentation.. *IEEE Journal of Biomedical and Health Informatics*, **2022**, PP,	6.7	1
19	Constrained marginal space learning for efficient 3D anatomical structure detection in medical images **2009**,		1
18	Automatic 3D motion estimation of left ventricle from C-arm rotational angiocardiography using a prior motion model and learning based boundary detector. *Lecture Notes in Computer Science*, **2013**, 16, 90-7	0.8	1
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16	Mix-and-Interpolate: A Training Strategy to Deal with Source-biased Medical Data. *IEEE Journal of Biomedical and Health Informatics*, **2021**, PP,	6.7	1
15	Discriminative Learning for Anatomical Structure Detection and Segmentation **2012**, 273-306		1
14	GRAND: A large-scale dataset and benchmark for cervical intraepithelial Neoplasia grading with fine-grained lesion description. *Medical Image Analysis*, **2021**, 70, 102006	14.7	1
13	Triplet-Branch Network with Prior-Knowledge Embedding for Fatigue Fracture Grading. *Lecture Notes in Computer Science*, **2021**, 449-458	0.8	0

12	Generalized Organ Segmentation by Imitating One-Shot Reasoning Using Anatomical Correlation. *Lecture Notes in Computer Science*, **2021**, 452-464	0.8	0
11	Nonrigid Object Segmentation: Application to Four-Chamber Heart Segmentation **2014**, 159-198		
10	Learning Crisp Edge Detector Using Logical Refinement Network. *Lecture Notes in Computer Science* , **2020**, 332-341	0.8	
9	Robust Landmark Detection in Volumetric Data with Efficient 3D Deep Learning. *Advances in Computer Vision and Pattern Recognition*, **2017**, 49-61	1	
8	Comparison of Marginal Space Learning and Full Space Learning in 2D **2014**, 67-78		
7	Part-Based Object Detection and Segmentation **2014**, 103-135		
6	InDISP: An Interpretable Model for Dynamic Illness Severity Prediction. *Lecture Notes in Computer Science*, **2022**, 631-638	0.8	
5	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, 700-7	0.8	
4	Constrained Marginal Space Learning **2014**, 79-101		
3	Applications of Marginal Space Learning in Medical Imaging **2014**, 199-256		
2	Sparse appearance learning based automatic coronary sinus segmentation in CTA. *Lecture Notes in Computer Science*, **2014**, 17, 779-87	0.8	
1	Optimal Mean Shape for Nonrigid Object Detection and Segmentation **2014**, 137-158		