

# S Kevin Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,427  
citations

567144

15  
h-index

610775

24  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1141  
citing authors

#	ARTICLE	IF	CITATIONS
1	GAN-based disentanglement learning for chest X-ray rib suppression. Medical Image Analysis, 2022, 77, 102369.	7.0	10
2	One-Shot Medical Landmark Detection. Lecture Notes in Computer Science, 2021, , 177-188.	1.0	12
3	Deep learning to segment pelvic bones: large-scale CT datasets and baseline models. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 749-756.	1.7	36
4	Marginal loss and exclusion loss for partially supervised multi-organ segmentation. Medical Image Analysis, 2021, 70, 101979.	7.0	54
5	A Review of Deep Learning in Medical Imaging: Imaging Traits, Technology Trends, Case Studies With Progress Highlights, and Future Promises. Proceedings of the IEEE, 2021, 109, 820-838.	16.4	339
6	Label-Free Segmentation of COVID-19 Lesions in Lung CT. IEEE Transactions on Medical Imaging, 2021, 40, 2808-2819.	5.4	84
7	A Hierarchical Feature Constraint to Camouflage Medical Adversarial Attacks. Lecture Notes in Computer Science, 2021, , 36-47.	1.0	3
8	Landmark detection and multiorgan segmentation: Representations and supervised approaches. , 2020, , 205-229.		2
9	High-Resolution Chest X-Ray Bone Suppression Using Unpaired CT Structural Priors. IEEE Transactions on Medical Imaging, 2020, 39, 3053-3063.	5.4	28
10	Bounding Maps for Universal Lesion Detection. Lecture Notes in Computer Science, 2020, , 417-428.	1.0	10
11	Miss the Point: Targeted Adversarial Attack on Multiple Landmark Detection. Lecture Notes in Computer Science, 2020, , 692-702.	1.0	12
12	Combo loss: Handling input and output imbalance in multi-organ segmentation. Computerized Medical Imaging and Graphics, 2019, 75, 24-33.	3.5	212
13	Encoding CT Anatomy Knowledge for Unpaired Chest X-ray Image Decomposition. Lecture Notes in Computer Science, 2019, , 275-283.	1.0	12
14	A Probabilistic Framework for Multiple Organ Segmentation Using Learning Methods and Level Sets. , 2016, , 157-178.		2
15	Automatic Detection and Measurement of Structures in Fetal Head Ultrasound Volumes Using Sequential Estimation and Integrated Detection Network (IDN). IEEE Transactions on Medical Imaging, 2014, 33, 1054-1070.	5.4	27
16	Discriminative anatomy detection: Classification vs regression. Pattern Recognition Letters, 2014, 43, 25-38.	2.6	22
17	Spine detection in CT and MR using iterated marginal space learning. Medical Image Analysis, 2013, 17, 1283-1292.	7.0	100
18	Anatomical landmark detection using multiple instance boosting with spatial regularization. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
19	Lymph node detection and segmentation in chest CT data using discriminative learning and a spatial prior. <i>Medical Image Analysis</i> , 2013, 17, 254-270.	7.0	58
20	Automatic Detection and Segmentation of Lymph Nodes From CT Data. <i>IEEE Transactions on Medical Imaging</i> , 2012, 31, 240-250.	5.4	74
21	Detection of 3D Spinal Geometry Using Iterated Marginal Space Learning. <i>Lecture Notes in Computer Science</i> , 2011, , 96-105.	1.0	28
22	Vascular landmark detection in 3D CT data. <i>Proceedings of SPIE</i> , 2011, , .	0.8	3
23	Segmentation Based Features for Lymph Node Detection from 3-D Chest CT. <i>Lecture Notes in Computer Science</i> , 2011, , 91-99.	1.0	2
24	Lymph node detection in 3-D chest CT using a spatial prior probability. , 2010, , .		20
25	Automatic Detection and Segmentation of Axillary Lymph Nodes. <i>Lecture Notes in Computer Science</i> , 2010, 13, 28-36.	1.0	25
26	Hierarchical parsing and semantic navigation of full body CT data. <i>Proceedings of SPIE</i> , 2009, , .	0.8	95
27	Constrained marginal space learning for efficient 3D anatomical structure detection in medical images. , 2009, , .		23
28	Fast Automatic Segmentation of the Esophagus from 3D CT Data Using a Probabilistic Model. <i>Lecture Notes in Computer Science</i> , 2009, 12, 255-262.	1.0	17
29	Hierarchical, learning-based automatic liver segmentation. , 2008, , .		99
30	A probabilistic, hierarchical, and discriminant framework for rapid and accurate detection of deformable anatomic structure. , 2007, , .		13