

S Kevin Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,483
citations

586496

16
h-index

536525

29
g-index

31
all docs

31
docs citations

31
times ranked

1106
citing authors

#	ARTICLE	IF	CITATIONS
1	DuDoDR-Net: Dual-domain data consistent recurrent network for simultaneous sparse view and metal artifact reduction in computed tomography. <i>Medical Image Analysis</i> , 2022, 75, 102289.	7.0	37
2	GAN-based disentanglement learning for chest X-ray rib suppression. <i>Medical Image Analysis</i> , 2022, 77, 102369.	7.0	10
3	Knowledge matters: Chest radiology report generation with general and specific knowledge. <i>Medical Image Analysis</i> , 2022, 80, 102510.	7.0	32
4	DuDoUFNet: Dual-Domain Under-to-Fully-Complete Progressive Restoration Network for Simultaneous Metal Artifact Reduction and Low-Dose CT Reconstruction. <i>IEEE Transactions on Medical Imaging</i> , 2022, 41, 3587-3599.	5.4	15
5	Semi-Supervised Natural Face De-Occlusion. <i>IEEE Transactions on Information Forensics and Security</i> , 2021, 16, 1044-1057.	4.5	23
6	Deep Collocative Learning for Immunofixation Electrophoresis Image Analysis. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 1898-1910.	5.4	11
7	DA-VSR: Domain Adaptable Volumetric Super-Resolution for Medical Images. <i>Lecture Notes in Computer Science</i> , 2021, , 75-85.	1.0	9
8	A ³ SegNet: Anatomy-Aware Artifact Disentanglement and Segmentation Network for Unpaired Segmentation, Artifact Reduction, and Modality Translation. <i>Lecture Notes in Computer Science</i> , 2021, , 360-372.	1.0	2
9	Limited View Tomographic Reconstruction Using a Cascaded Residual Dense Spatial-Channel Attention Network With Projection Data Fidelity Layer. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 1792-1804.	5.4	35
10	One-Shot Medical Landmark Detection. <i>Lecture Notes in Computer Science</i> , 2021, , 177-188.	1.0	12
11	You only Learn Once: Universal Anatomical Landmark Detection. <i>Lecture Notes in Computer Science</i> , 2021, , 85-95.	1.0	14
12	Deep learning to segment pelvic bones: large-scale CT datasets and baseline models. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2021, 16, 749-756.	1.7	36
13	Marginal loss and exclusion loss for partially supervised multi-organ segmentation. <i>Medical Image Analysis</i> , 2021, 70, 101979.	7.0	54
14	A Review of Deep Learning in Medical Imaging: Imaging Traits, Technology Trends, Case Studies With Progress Highlights, and Future Promises. <i>Proceedings of the IEEE</i> , 2021, 109, 820-838.	16.4	339
15	Anatomy-guided multimodal registration by learning segmentation without ground truth: Application to intraprocedural CBCT/MR liver segmentation and registration. <i>Medical Image Analysis</i> , 2021, 71, 102041.	7.0	36
16	Deep reinforcement learning in medical imaging: A literature review. <i>Medical Image Analysis</i> , 2021, 73, 102193.	7.0	88
17	Label-Free Segmentation of COVID-19 Lesions in Lung CT. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 2808-2819.	5.4	84
18	Shallow Attention Network for Polyp Segmentation. <i>Lecture Notes in Computer Science</i> , 2021, , 699-708.	1.0	71

#	ARTICLE	IF	CITATIONS
19	A Hierarchical Feature Constraint to Camouflage Medical Adversarial Attacks. Lecture Notes in Computer Science, 2021, , 36-47.	1.0	3
20	Improving Generalizability in Limited-Angle CT Reconstruction with Sinogram Extrapolation. Lecture Notes in Computer Science, 2021, , 86-96.	1.0	9
21	Dual-GAN: Joint BVP and Noise Modeling for Remote Physiological Measurement. , 2021, , .		44
22	ADN: Artifact Disentanglement Network for Unsupervised Metal Artifact Reduction. IEEE Transactions on Medical Imaging, 2020, 39, 634-643.	5.4	112
23	DuDoRNet: Learning a Dual-Domain Recurrent Network for Fast MRI Reconstruction With Deep T1 Prior. , 2020, , .		65
24	Rubik's Cube+: A self-supervised feature learning framework for 3D medical image analysis. Medical Image Analysis, 2020, 64, 101746.	7.0	85
25	High-Resolution Chest X-Ray Bone Suppression Using Unpaired CT Structural Priors. IEEE Transactions on Medical Imaging, 2020, 39, 3053-3063.	5.4	28
26	Bounding Maps for Universal Lesion Detection. Lecture Notes in Computer Science, 2020, , 417-428.	1.0	10
27	Miss the Point: Targeted Adversarial Attack on Multiple Landmark Detection. Lecture Notes in Computer Science, 2020, , 692-702.	1.0	12
28	Encoding CT Anatomy Knowledge for Unpaired Chest X-ray Image Decomposition. Lecture Notes in Computer Science, 2019, , 275-283.	1.0	12
29	3D Anisotropic Hybrid Network: Transferring Convolutional Features from 2D Images to 3D Anisotropic Volumes. Lecture Notes in Computer Science, 2018, , 851-858.	1.0	77
30	Automatic Liver Segmentation Using an Adversarial Image-to-Image Network. Lecture Notes in Computer Science, 2017, , 507-515.	1.0	114