Hannah Deng

List of Publications by Year
in descending order

22 papers	219 citations	1040056 9 h-index	1058476 14 g-index
22 all docs	22 docs citations	22 times ranked	168 citing authors

#	Article	IF	Citations
1	Diverse data augmentation for learning image segmentation with cross-modality annotations. Medical Image Analysis, 2021, 71, 102060.	11.6	32
2	Fast and Accurate Craniomaxillofacial Landmark Detection via 3D Faster R-CNN. IEEE Transactions on Medical Imaging, 2021, 40, 3867-3878.	8.9	23
3	Anatomy-Regularized Representation Learning for Cross-Modality Medical Image Segmentation. IEEE Transactions on Medical Imaging, 2021, 40, 274-285.	8.9	17
4	Estimating Reference Bony Shape Models for Orthognathic Surgical Planning Using 3D Point-Cloud Deep Learning. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 2958-2966.	6.3	17
5	An automatic approach to establish clinically desired final dental occlusion for one-piece maxillary orthognathic surgery. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 1763-1773.	2.8	14
6	SkullEngine: A Multi-stage CNN Framework for Collaborative CBCT Image Segmentation and Landmark Detection. Lecture Notes in Computer Science, 2021, 12966, 606-614.	1.3	14
7	A New Approach of Predicting Facial Changes Following Orthognathic Surgery Using Realistic Lip Sliding Effect. Lecture Notes in Computer Science, 2019, 11768, 336-344.	1.3	13
8	Automatic Localization of Landmarks in Craniomaxillofacial CBCT Images Using a Local Attention-Based Graph Convolution Network. Lecture Notes in Computer Science, 2020, 12264, 817-826.	1.3	13
9	Estimating Reference Shape Model for Personalized Surgical Reconstruction of Craniomaxillofacial Defects. IEEE Transactions on Biomedical Engineering, 2021, 68, 362-373.	4.2	10
10	Dual Adversarial Attention Mechanism for Unsupervised Domain Adaptive Medical Image Segmentation. IEEE Transactions on Medical Imaging, 2022, 41, 3445-3453.	8.9	10
11	Online Routing and Scheduling With Capacity Redundancy for Timely Delivery Guarantees in Multihop Networks. IEEE/ACM Transactions on Networking, 2019, 27, 1258-1271.	3.8	8
12	Simulation of Postoperative Facial Appearances via Geometric Deep Learning for Efficient Orthognathic Surgical Planning. IEEE Transactions on Medical Imaging, 2023, 42, 336-345.	8.9	8
13	Energy Efficient Algorithms for Real-Time Traffic Over Fading Wireless Channels. IEEE Transactions on Wireless Communications, 2017, 16, 1881-1892.	9.2	7
14	Clinical Evaluation of Digital Dental Articulation for One-Piece Maxillary Surgery. Journal of Oral and Maxillofacial Surgery, 2020, 78, 799-805.	1.2	6
15	Unsupervised Learning of Reference Bony Shapes for Orthognathic Surgical Planning with a Surface Deformation Network. Medical Physics, 2021, 48, 7735.	3.0	6
16	An Automatic Approach to Reestablish Final Dental Occlusion for 1-Piece Maxillary Orthognathic Surgery. Lecture Notes in Computer Science, 2019, 11768, 345-353.	1.3	6
17	On the Capacity-Performance Trade-Off of Online Policy in Delayed Mobile Offloading. IEEE Transactions on Wireless Communications, 2017, 16, 526-537.	9.2	5
18	Estimating Reference Bony Shape Model for Personalized Surgical Reconstruction of Posttraumatic Facial Defects. Lecture Notes in Computer Science, 2019, 11768, 327-335.	1.3	5

#	Article	IF	Citations
19	Optimal Capacity Provisioning for Online Job Allocation With Hard Allocation Ratio Requirement. IEEE/ACM Transactions on Networking, 2018, 26, 724-736.	3.8	2
20	A Self-supervised Deep Framework forÂReference Bony Shape Estimation inÂOrthognathic Surgical Planning. Lecture Notes in Computer Science, 2021, 12904, 469-477.	1.3	2
21	Skull Segmentation from CBCT Images via Voxel-Based Rendering. Lecture Notes in Computer Science, 2021, 12966, 615-623.	1.3	1
22	Sparse Dictionary Learning for 3D Craniomaxillofacial Skeleton Estimation Based on 2D Face Photographs. , 2021, , 41-53.		0