

# Hannah Deng

## List of Publications by Year in descending order

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papers

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1039880

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docs citations

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times ranked

168  
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#	ARTICLE	IF	CITATIONS
1	Simulation of Postoperative Facial Appearances via Geometric Deep Learning for Efficient Orthognathic Surgical Planning. IEEE Transactions on Medical Imaging, 2023, 42, 336-345.	5.4	8
2	Dual Adversarial Attention Mechanism for Unsupervised Domain Adaptive Medical Image Segmentation. IEEE Transactions on Medical Imaging, 2022, 41, 3445-3453.	5.4	10
3	Estimating Reference Shape Model for Personalized Surgical Reconstruction of Craniomaxillofacial Defects. IEEE Transactions on Biomedical Engineering, 2021, 68, 362-373.	2.5	10
4	Anatomy-Regularized Representation Learning for Cross-Modality Medical Image Segmentation. IEEE Transactions on Medical Imaging, 2021, 40, 274-285.	5.4	17
5	Sparse Dictionary Learning for 3D Craniomaxillofacial Skeleton Estimation Based on 2D Face Photographs. , 2021, , 41-53.		0
6	Fast and Accurate Craniomaxillofacial Landmark Detection via 3D Faster R-CNN. IEEE Transactions on Medical Imaging, 2021, 40, 3867-3878.	5.4	23
7	Skull Segmentation from CBCT Images via Voxel-Based Rendering. Lecture Notes in Computer Science, 2021, 12966, 615-623.	1.0	1
8	A Self-supervised Deep Framework for Reference Bony Shape Estimation in Orthognathic Surgical Planning. Lecture Notes in Computer Science, 2021, 12904, 469-477.	1.0	2
9	Diverse data augmentation for learning image segmentation with cross-modality annotations. Medical Image Analysis, 2021, 71, 102060.	7.0	32
10	Unsupervised Learning of Reference Bony Shapes for Orthognathic Surgical Planning with a Surface Deformation Network. Medical Physics, 2021, 48, 7735.	1.6	6
11	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.	3.9	17
12	SkullEngine: A Multi-stage CNN Framework for Collaborative CBCT Image Segmentation and Landmark Detection. Lecture Notes in Computer Science, 2021, 12966, 606-614.	1.0	14
13	Clinical Evaluation of Digital Dental Articulation for One-Piece Maxillary Surgery. Journal of Oral and Maxillofacial Surgery, 2020, 78, 799-805.	0.5	6
14	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.	1.7	14
15	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.	1.0	13
16	Online Routing and Scheduling With Capacity Redundancy for Timely Delivery Guarantees in Multihop Networks. IEEE/ACM Transactions on Networking, 2019, 27, 1258-1271.	2.6	8
17	A New Approach of Predicting Facial Changes Following Orthognathic Surgery Using Realistic Lip Sliding Effect. Lecture Notes in Computer Science, 2019, 11768, 336-344.	1.0	13
18	An Automatic Approach to Reestablish Final Dental Occlusion for 1-Piece Maxillary Orthognathic Surgery. Lecture Notes in Computer Science, 2019, 11768, 345-353.	1.0	6

#	ARTICLE	IF	CITATIONS
19	Estimating Reference Bony Shape Model for Personalized Surgical Reconstruction of Posttraumatic Facial Defects. Lecture Notes in Computer Science, 2019, 11768, 327-335.	1.0	5
20	Optimal Capacity Provisioning for Online Job Allocation With Hard Allocation Ratio Requirement. IEEE/ACM Transactions on Networking, 2018, 26, 724-736.	2.6	2
21	Energy Efficient Algorithms for Real-Time Traffic Over Fading Wireless Channels. IEEE Transactions on Wireless Communications, 2017, 16, 1881-1892.	6.1	7
22	On the Capacity-Performance Trade-Off of Online Policy in Delayed Mobile Offloading. IEEE Transactions on Wireless Communications, 2017, 16, 526-537.	6.1	5