

Daeseung Kim

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

202
citations

1163117

8
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation of Postoperative Facial Appearances via Geometric Deep Learning for Efficient Orthognathic Surgical Planning. <i>IEEE Transactions on Medical Imaging</i> , 2023, 42, 336-345.	8.9	8
2	Midsagittal Plane First: Building a Strong Facial Reference Frame for Computer-Aided Surgical Simulation. <i>Journal of Oral and Maxillofacial Surgery</i> , 2022, 80, 641-650.	1.2	4
3	Deep learning for biomechanical modeling of facial tissue deformation in orthognathic surgical planning. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2022, 17, 945-952.	2.8	11
4	Deep Simulation of Facial Appearance Changes Following Craniomaxillofacial Bony Movements in Orthognathic Surgical Planning. <i>Lecture Notes in Computer Science</i> , 2021, 12904, 459-468.	1.3	4
5	A Self-supervised Deep Framework for Reference Bony Shape Estimation in Orthognathic Surgical Planning. <i>Lecture Notes in Computer Science</i> , 2021, 12904, 469-477.	1.3	2
6	Unsupervised Learning of Reference Bony Shapes for Orthognathic Surgical Planning with a Surface Deformation Network. <i>Medical Physics</i> , 2021, 48, 7735.	3.0	6
7	A novel incremental simulation of facial changes following orthognathic surgery using FEM with realistic lip sliding effect. <i>Medical Image Analysis</i> , 2021, 72, 102095.	11.6	7
8	Estimating Reference Bony Shape Models for Orthognathic Surgical Planning Using 3D Point-Cloud Deep Learning. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 2958-2966.	6.3	17
9	Clinical Evaluation of Digital Dental Articulation for One-Piece Maxillary Surgery. <i>Journal of Oral and Maxillofacial Surgery</i> , 2020, 78, 799-805.	1.2	6
10	An automatic approach to establish clinically desired final dental occlusion for one-piece maxillary orthognathic surgery. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020, 15, 1763-1773.	2.8	14
11	A New Approach of Predicting Facial Changes Following Orthognathic Surgery Using Realistic Lip Sliding Effect. <i>Lecture Notes in Computer Science</i> , 2019, 11768, 336-344.	1.3	13
12	An Automatic Approach to Reestablish Final Dental Occlusion for 1-Piece Maxillary Orthognathic Surgery. <i>Lecture Notes in Computer Science</i> , 2019, 11768, 345-353.	1.3	6
13	Estimating Reference Bony Shape Model for Personalized Surgical Reconstruction of Posttraumatic Facial Defects. <i>Lecture Notes in Computer Science</i> , 2019, 11768, 327-335.	1.3	5
14	An eFTD-VP framework for efficiently generating patient-specific anatomically detailed facial soft tissue FE mesh for craniomaxillofacial surgery simulation. <i>Biomechanics and Modeling in Mechanobiology</i> , 2018, 17, 387-402.	2.8	3
15	Design, development and clinical validation of computer-aided surgical simulation system for streamlined orthognathic surgical planning. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 2129-2143.	2.8	46
16	A clinically validated prediction method for facial soft tissue changes following double jaw surgery. <i>Medical Physics</i> , 2017, 44, 4252-4261.	3.0	26
17	Improved Rubin-Bodner model for the prediction of soft tissue deformations. <i>Medical Engineering and Physics</i> , 2016, 38, 1369-1375.	1.7	6
18	An eFace-Template Method for Efficiently Generating Patient-Specific Anatomically-Detailed Facial Soft Tissue FE Models for Craniomaxillofacial Surgery Simulation. <i>Annals of Biomedical Engineering</i> , 2016, 44, 1656-1671.	2.5	18