

Jaime Gateno

List of Publications by Year in descending order

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18
papers

387
citations

1163117

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304
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Clinical Feasibility of Computer-Aided Surgical Simulation (CASS) in the Treatment of Complex Cranio-Maxillofacial Deformities. <i>Journal of Oral and Maxillofacial Surgery</i> , 2007, 65, 728-734. | 1.2 | 239 |
| 2 | New Methods to Evaluate Craniofacial Deformity and to Plan Surgical Correction. <i>Seminars in Orthodontics</i> , 2011, 17, 225-234. | 1.4 | 19 |
| 3 | Multi-task Dynamic Transformer Network for Concurrent Bone Segmentation and Large-Scale Landmark Localization with Dental CBCT. <i>Lecture Notes in Computer Science</i> , 2020, 12264, 807-816. | 1.3 | 19 |
| 4 | A Geometric Classification of Jaw Deformities. <i>Journal of Oral and Maxillofacial Surgery</i> , 2015, 73, S26-S31. | 1.2 | 14 |
| 5 | SkullEngine: A Multi-stage CNN Framework for Collaborative CBCT Image Segmentation and Landmark Detection. <i>Lecture Notes in Computer Science</i> , 2021, 12966, 606-614. | 1.3 | 14 |
| 6 | Automatic Localization of Landmarks in Craniomaxillofacial CBCT Images Using a Local Attention-Based Graph Convolution Network. <i>Lecture Notes in Computer Science</i> , 2020, 12264, 817-826. | 1.3 | 13 |
| 7 | Biomechanical Evaluation of a New MatrixMandible Plating System on Cadaver Mandibles. <i>Journal of Oral and Maxillofacial Surgery</i> , 2013, 71, 1900-1914. | 1.2 | 11 |
| 8 | A Better Understanding of Unilateral Condylar Hyperplasia of the Mandible. <i>Journal of Oral and Maxillofacial Surgery</i> , 2021, 79, 1122-1132. | 1.2 | 11 |
| 9 | 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 |
| 10 | 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 |
| 11 | DLLNet: An Attention-Based Deep Learning Method for Dental Landmark Localization on High-Resolution 3D Digital Dental Models. <i>Lecture Notes in Computer Science</i> , 2021, 12904, 478-487. | 1.3 | 6 |
| 12 | 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 |
| 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 | Validity of Medical Insurance Guidelines for Orthognathic Surgery. <i>Journal of Oral and Maxillofacial Surgery</i> , 2021, 79, 672-684. | 1.2 | 4 |
| 15 | 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 |
| 16 | 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 |
| 17 | Both the Observer's Expertise and the Subject's Facial Symmetry Can Affect Anatomical Position of the Head. <i>Journal of Oral and Maxillofacial Surgery</i> , 2019, 77, 406.e1-406.e9. | 1.2 | 2 |
| 18 | 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 |