

# Jaime Gateno

## List of Publications by Year in descending order

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18  
papers

387  
citations

1163117

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839539

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times ranked

304  
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	Validity of Medical Insurance Guidelines for Orthognathic Surgery. <i>Journal of Oral and Maxillofacial Surgery</i> , 2021, 79, 672-684.	1.2	4
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
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	A Geometric Classification of Jaw Deformities. <i>Journal of Oral and Maxillofacial Surgery</i> , 2015, 73, S26-S31.	1.2	14
16	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
17	New Methods to Evaluate Craniofacial Deformity and to Plan Surgical Correction. <i>Seminars in Orthodontics</i> , 2011, 17, 225-234.	1.4	19
18	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