Jonas Bianchi

List of Publications by Year
in descending order

26 papers	351 citations	1039880 9 h-index	839398 18 g-index
26 all docs	26 docs citations	26 times ranked	352 citing authors

#	Article	IF	Citations
1	Osteoarthritis of the Temporomandibular Joint can be diagnosed earlier using biomarkers and machine learning. Scientific Reports, 2020, 10, 8012.	1.6	71
2	Cone-beam computed tomography airway measurements: Can we trust them?. American Journal of Orthodontics and Dentofacial Orthopedics, 2019, 156, 53-60.	0.8	38
3	Osteoblast differentiation is enhanced by a nano-to-micro hybrid titanium surface created by Yb:YAG laser irradiation. Clinical Oral Investigations, 2016, 20, 503-511.	1.4	37
4	Software comparison to analyze bone radiomics from high resolution CBCT scans of mandibular condyles. Dentomaxillofacial Radiology, 2019, 48, 20190049.	1.3	23
5	Mandible and skull segmentation in cone beam computed tomography using super-voxels and graph clustering. Visual Computer, 2019, 35, 1461-1474.	2.5	19
6	Quantitative bone imaging biomarkers to diagnose temporomandibular joint osteoarthritis. International Journal of Oral and Maxillofacial Surgery, 2021, 50, 227-235.	0.7	17
7	Clinical decision support systems in orthodontics: A narrative review of data science approaches. Orthodontics and Craniofacial Research, 2021, 24, 26-36.	1.2	16
8	Decision Support Systems in Temporomandibular Joint Osteoarthritis: A review of Data Science and Artificial Intelligence Applications. Seminars in Orthodontics, 2021, 27, 78-86.	0.8	16
9	Orthodontic Traction of Impacted Canine Using Cantilever. Case Reports in Dentistry, 2016, 2016, 1-6.	0.2	15
10	Prevalence of mandibular asymmetry in different skeletal sagittal patterns:. Angle Orthodontist, 2022, 92, 118-126.	1.1	10
11	Radiographic interpretation using high-resolution Cbct to diagnose degenerative temporomandibular joint disease. PLoS ONE, 2021, 16, e0255937.	1.1	9
12	Patient Specific Classification of Dental Root Canal and Crown Shape. Lecture Notes in Computer Science, 2020, 12474, 145-153.	1.0	9
13	Shape variation analyzer: a classifier for temporomandibular joint damaged by osteoarthritis. , 2019, 10950, .		9
14	3D Auto-Segmentation of Mandibular Condyles. , 2020, 2020, 1270-1273.		8
15	Dental long axes using digital dental models compared to coneâ€beam computed tomography. Orthodontics and Craniofacial Research, 2022, 25, 64-72.	1.2	8
16	3D Slicer Craniomaxillofacial Modules Support Patient-Specific Decision-Making for Personalized Healthcare in Dental Research. Lecture Notes in Computer Science, 2020, 12445, 44-53.	1.0	8
17	Three-dimensional craniofacial characteristics associated with obstructive sleep apnea severity and treatment outcomes. Clinical Oral Investigations, 2022, 26, 875-887.	1.4	7
18	Web infrastructure for data management, storage and computation. , 2021, 11600, .		5

#	Article	IF	Citations
19	Automatic Segmentation of Mandibular Ramus and Condyles. , 2021, 2021, 2952-2955.		5
20	Temporomandibular Joint Osteoarthritis Diagnosis Using Privileged Learning of Protein Markers. , 2021, 2021, 1810-1813.		5
21	Effect of temporomandibular joint articular disc repositioning on anterior open-bite malocclusion: An orthodontic-surgical approach. American Journal of Orthodontics and Dentofacial Orthopedics, 2017, 152, 848-858.	0.8	4
22	Three-dimensional stability analysis of maxillomandibular advancement surgery with and without articular disc repositioning. Journal of Cranio-Maxillo-Facial Surgery, 2018, 46, 1348-1354.	0.7	4
23	Craniofacial and airway morphology of individuals with oculoauriculovertebral spectrum. Orthodontics and Craniofacial Research, 2021, 24, 575-584.	1.2	3
24	A web-based system for statistical shape analysis in temporomandibular joint osteoarthritis. , 2019, 10953, .		3
25	Can palatal splint improve stability of segmental Le Fort I osteotomies?. Orthodontics and Craniofacial Research, 2020, 23, 486-492.	1.2	2
26	Feature Selection for Privileged Modalities in Disease Classification. Lecture Notes in Computer Science, 2021, , 69-80.	1.0	0