

Benedikt Sagl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5620919/publications.pdf>

Version: 2024-02-01

9
papers

106
citations

1684188
5
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

84
citing authors

#	ARTICLE	IF	CITATIONS
1	A Dynamic Jaw Model With a Finite-Element Temporomandibular Joint. <i>Frontiers in Physiology</i> , 2019, 10, 1156.	2.8	43
2	Effect of facet inclination and location on TMJ loading during bruxism: An in-silico study. <i>Journal of Advanced Research</i> , 2022, 35, 25-32.	9.5	15
3	An in silico investigation of the effect of bolus properties on TMJ loading during mastication. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 124, 104836.	3.1	15
4	<i>In vivo</i> prediction of temporomandibular joint disc thickness and position changes for different jaw positions. <i>Journal of Anatomy</i> , 2019, 234, 718-727.	1.5	13
5	Fast Forward-Dynamics Tracking Simulation: Application to Upper Limb and Shoulder Modeling. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 335-342.	4.2	12
6	Characterizing Motor Control of Mastication With Soft Actor-Critic. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 188.	2.0	3
7	Bone healing around titanium implants in a preclinical model of bile duct ligation-induced liver injury. <i>Clinical Oral Implants Research</i> , 2021, 32, 980-988.	4.5	2
8	Experimental validation of a micro-CT finite element model of a human cadaveric mandible rehabilitated with short-implant-supported partial dentures. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 126, 105033.	3.1	2
9	A Novel Quantitative Method for Tooth Grinding Surface Assessment Using 3D Scanning. <i>Diagnostics</i> , 2021, 11, 1483.	2.6	1