

Vera Colombo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	In Vitro and In Vivo Assessment of a New Workflow for the Acquisition of Mandibular Kinematics Based on Portable Tracking System with Passive Optical Reflective Markers. Applied Sciences (Switzerland), 2021, 11, 3947.	2.5	2
2	In-vivo kinematic assessment of alloplastic temporomandibular joint replacements by means of helical axis: A cohort study with historical control. Journal of Biomechanics, 2021, 122, 110494.	2.1	4
3	Short-term effects of NTSs and Michigan splint on nocturnal jaw muscle activity: A pilot study. Clinical and Experimental Dental Research, 2021, 7, 323-330.	1.9	11
4	Influence of bolus size and chewing side on temporomandibular joint intra-articular space during mastication. Medical Engineering and Physics, 2020, 86, 41-46.	1.7	7
5	Ultrasound Imaging of Injections in Masseter Muscle without Contrast Agent Using Strain Elastography and a Novel B-Mode Spatiotemporal Filter. Ultrasound in Medicine and Biology, 2020, 46, 2717-2735.	1.5	1
6	Tensile Strength and Failure Types of Direct and Indirect Resin Composite Copings for Periodontally Overdentures Luted Using Different Adhesive Cementation Modalities. Materials, 2020, 13, 3517.	2.9	4
7	Effect of Sustained Joint Loading on TMJ Disc Nutrient Environment. Journal of Dental Research, 2019, 98, 888-895.	5.2	11
8	Temporomandibular joint magnetic resonance imaging findings in adolescents with anterior disk displacement compared to those with juvenile idiopathic arthritis. Journal of Oral Rehabilitation, 2019, 46, 14-22.	3.0	32
9	Articular cartilage response to a sliding load using two different-sized spherical indenters 1. Biorheology, 2018, 54, 109-126.	0.4	4
10	Displacement of teeth without and with bonded fixed orthodontic retainers: 3D analysis using triangular target frames and optoelectronic motion tracking device. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 85, 175-180.	3.1	5
11	Alloplastic total temporomandibular joint replacements: do they perform like natural joints? Prospective cohort study with a historical control. International Journal of Oral and Maxillofacial Surgery, 2016, 45, 1213-1221.	1.5	31
12	Properties and Mechanobiological Behavior of Bovine Nasal Septum Cartilage. Annals of Biomedical Engineering, 2016, 44, 1821-1831.	2.5	7
13	Mechanical behavior of bovine nasal cartilage under static and dynamic loading. Journal of Biomechanics, 2013, 46, 2137-2144.	2.1	14
14	Coupling plowing of cartilage explants with gene expression in models for synovial joints. Journal of Biomechanics, 2011, 44, 2472-2476.	2.1	9
15	Design, construction and validation of a computer controlled system for functional loading of soft tissue. Medical Engineering and Physics, 2011, 33, 677-683.	1.7	9
16	Temporomandibular Joint Loading Patterns Related to Joint Morphology: A Theoretical Study. Cells Tissues Organs, 2008, 187, 295-306.	2.3	19