

# Vera Colombo

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

170  
citations

1163117

8  
h-index

1125743

13  
g-index

16  
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16  
docs citations

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times ranked

223  
citing authors

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