

Guido La La Rosa

List of Publications by Year in descending order

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13
papers

474
citations

1307594

7
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

543
citing authors

#	ARTICLE	IF	CITATIONS
1	Torsional and Cyclic Fatigue Resistance of a New Nickel-Titanium Instrument Manufactured by Electrical Discharge Machining. <i>Journal of Endodontics</i> , 2016, 42, 156-159.	3.1	152
2	A low-cost lightweight climbing robot for the inspection of vertical surfaces. <i>Mechatronics</i> , 2002, 12, 71-96.	3.3	137
3	A transversely isotropic, transversely homogeneous microstructural-statistical model of articular cartilage. <i>Journal of Biomechanics</i> , 2005, 38, 2008-2018.	2.1	87
4	Effect of Fluid Boundary Conditions on Joint Contact Mechanics and Applications to the Modeling of Osteoarthritic Joints. <i>Journal of Biomechanical Engineering</i> , 2004, 126, 220-225.	1.3	37
5	Cyclic fatigue resistance, torsional resistance, and metallurgical characteristics of M3 Rotary and M3 Pro Gold NiTi files. <i>Restorative Dentistry & Endodontics</i> , 2018, 43, e25.	1.5	15
6	A method to estimate the elastic properties of the extracellular matrix of articular cartilage. <i>Journal of Biomechanics</i> , 2004, 37, 401-404.	2.1	13
7	The choice of thermal analysis to evaluate the monoaxial fatigue strength on materials and mechanical components. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2015, 229, 1315-1326.	2.1	13
8	Cutting efficiency of heat-treated nickel-titanium single-file systems at different incidence angles. <i>Australian Endodontic Journal</i> , 2021, 47, 20-26.	1.5	7
9	Effect of cyclic torsional preloading on cyclic fatigue resistance of ProTaper Next and Mtwo nickel-titanium instruments. <i>Giornale Italiano Di Endodonzia</i> , 2015, 29, 3-8.	0.3	5
10	Evaluation and improvement of the efficiency of the Seidel humeral nail by numerical-experimental analysis of the bone-implant contact. <i>Medical Engineering and Physics</i> , 2006, 28, 682-693.	1.7	4
11	Cyclic fatigue and torsional resistance evaluation of Reciproc R25 instruments after simulated clinical use. <i>Minerva Dental and Oral Science</i> , 2021, , .	1.0	3
12	A laser optical torque meter for measuring the mechanical power furnished by a chirale turbine. , 2005, , .		1
13	A First Approach to the Experimental Study of Fracture Parameters in Opening and Mixed Mode by Caustics. <i>Procedia Engineering</i> , 2015, 109, 418-426.	1.2	0