

Chiara Pirani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2512138/publications.pdf>

Version: 2024-02-01

29
papers

633
citations

687363

13
h-index

580821

25
g-index

31
all docs

31
docs citations

31
times ranked

634
citing authors

#	ARTICLE	IF	CITATIONS
1	HyFlex <scp>EDM</scp>: superficial features, metallurgical analysis and fatigue resistance of innovative electro discharge machined NiTi rotary instruments. International Endodontic Journal, 2016, 49, 483-493.	5.0	118
2	Effectiveness of Three Different Retreatment Techniques in Canals Filled With Compacted Gutta-Percha or Thermafil: A Scanning Electron Microscope Study. Journal of Endodontics, 2009, 35, 1433-1440.	3.1	74
3	Structural analysis of HyFlex <scp>EDM</scp> instruments. International Endodontic Journal, 2017, 50, 303-313.	5.0	67
4	Cyclic Fatigue Testing and Metallographic Analysis of Nickel-Titanium Rotary Instruments. Journal of Endodontics, 2011, 37, 1013-1016.	3.1	49
5	Wear and metallographic analysis of WaveOne and reciproc NiTi instruments before and after three uses in root canals. Scanning, 2014, 36, 517-525.	1.5	47
6	Metallurgical analysis and fatigue resistance of WaveOne and ProTaper Nickel-Titanium instruments. Odontology / the Society of the Nippon Dental University, 2014, 102, 211-216.	1.9	37
7	Long-term outcome of non-surgical root canal treatment: a retrospective analysis. Odontology / the Society of the Nippon Dental University, 2015, 103, 185-193.	1.9	34
8	A 20-year historical prospective cohort study of root canal treatments. A Multilevel analysis. International Endodontic Journal, 2018, 51, 955-968.	5.0	33
9	Survival and periapical health after root canal treatment with carrier-based root fillings: five-year retrospective assessment. International Endodontic Journal, 2018, 51, e178-e188.	5.0	26
10	Outcome of secondary root canal treatment filled with Thermafil: a 5-year follow-up of retrospective cohort study. Clinical Oral Investigations, 2018, 22, 1363-1373.	3.0	19
11	Effectiveness of root canal filling materials and techniques for treatment of apical periodontitis: A systematic review. International Endodontic Journal, 2023, 56, 436-454.	5.0	17
12	Wear analysis and cyclic fatigue resistance of electro discharge machined NiTi rotary instruments. Giornale Italiano Di Endodonzia, 2016, 30, 64-68.	0.3	16
13	Double dye technique and fluid filtration test to evaluate early sealing ability of an endodontic sealer. Clinical Oral Investigations, 2017, 21, 1267-1276.	3.0	16
14	Impact of a modified motion on the fatigue life of NiTi reciprocating instruments: a Weibull analysis. Clinical Oral Investigations, 2019, 23, 3095-3102.	3.0	15
15	The fate of root canals obturated with Thermafil: 10-year data for patients treated in a master's program. Clinical Oral Investigations, 2019, 23, 3367-3377.	3.0	13
16	Recovery of Enterococcus faecalis in root canal lumen of patients with primary and secondary endodontic lesions. New Microbiologica, 2008, 31, 235-40.	0.1	13
17	Secondary Root Canal Treatment with Reciproc Blue and K-File: Radiographic and ESEM-EDX Analysis of Dentin and Root Canal Filling Remnants. Journal of Clinical Medicine, 2020, 9, 1902.	2.4	9
18	In-depth metallurgical and microstructural analysis of OneShape and heat treated OneCurve instruments. European Endodontic Journal, 2021, 6, 90-97.	0.6	5

#	ARTICLE	IF	CITATIONS
19	Combining apical torsional load and cyclic fatigue resistance of NiTi instruments: New approach to determine the effective lifespan of rotary instruments. Australian Endodontic Journal, 2021, 47, 429-434.	1.5	4
20	Rehabilitation of anterior maxilla with a novel hyperbolic profile transmucosal implant in elderly patients. Minerva Stomatologica: A Journal on Dentistry and Maxillofacial Surgery, 2019, 68, 249-258.	1.3	4
21	Evaluation of the root filling quality with experimental carrier-based obturators: a CLSM and FESEM analysis. Australian Endodontic Journal, 2021, , .	1.5	4
22	SEM evaluation of root canal dentin morphology after Ni-Ti instrumentation. Journal of Applied Biomaterials and Biomechanics, 2009, 7, 116-22.	0.4	3
23	Cyclic fatigue resistance of Nickel-Titanium reciprocating instruments tested with an innovative kinematics. Giornale Italiano Di Endodonzia, 2018, 32, 42-46.	0.3	2
24	Maryland-bridge application as a suitable technique to preserve marginal bone level of not-submerged supracrestal implants. Minerva Stomatologica: A Journal on Dentistry and Maxillofacial Surgery, 2021, 69, 335-342.	1.3	2
25	Retreatment of Experimental Carrier-Based Obturators with the Remover NiTi Instrument: Evaluation of Apical Extrusion and Effects of New Kinematics. International Journal of Dentistry, 2021, 2021, 1-7.	1.5	2
26	Calcium Hydroxide Removal Using Four Different Irrigation Systems: A Quantitative Evaluation by Scanning Electron Microscopy. Applied Sciences (Switzerland), 2022, 12, 271.	2.5	2
27	The Effect of the NRT Files Instrumentation on the Quality of the Surface of the Root Canal Wall. Journal of Applied Biomaterials and Functional Materials, 2012, 10, 136-140.	1.6	1
28	Efficacy of four local anaesthesia protocols for mandibular first molars with symptomatic irreversible pulpitis: A randomized clinical trial. International Endodontic Journal, 2022, 55, 219-230.	5.0	1
29	Prognosis of root canal treatments filled with Thermafil system: a 5-year retrospective study. Giornale Italiano Di Endodonzia, 2016, 30, 46-51.	0.3	0