

Sang won Kwak

List of Publications by Year in descending order

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papers

568
citations

687363

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all docs

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docs citations

35
times ranked

552
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of the effects from coronal pre-flaring and glide-path preparation on torque generation during root canal shaping procedure. <i>Australian Endodontic Journal</i> , 2022, 48, 131-137.	1.5	2
2	Characterisation of deformed or separated nickel-titanium retreatment instruments after clinical use - A multicentre experience. <i>Journal of Dentistry</i> , 2022, 117, 103939.	4.1	5
3	Torque Generation of the Endodontic Instruments: A Narrative Review. <i>Materials</i> , 2022, 15, 664.	2.9	15
4	Torsional Resistance of WaveOne Gold and Reciproc Blue according to the Loading Methods. <i>Journal of Endodontics</i> , 2021, 47, 88-93.	3.1	5
5	Numeric Evaluation of Innovate Spring Machined Nickel-Titanium Rotary Instruments: A 3-dimensional Finite Element Study. <i>Journal of Endodontics</i> , 2021, 47, 303-308.	3.1	2
6	Torsional Resistance of Heat-Treated Nickel-Titanium Instruments under Different Temperature Conditions. <i>Materials</i> , 2021, 14, 5295.	2.9	7
7	Effects of Root Canal Curvature and Mechanical Properties of Nickel-Titanium Files on Torque Generation. <i>Journal of Endodontics</i> , 2021, 47, 1501-1506.	3.1	10
8	Heat Treatment and Surface Treatment of Nickel-Titanium Endodontic Instruments. <i>Frontiers in Dental Medicine</i> , 2021, 2, .	1.4	7
9	Effect of Shaft Length on the Torsional Resistance of Rotary Nickel-Titanium Instruments. <i>Journal of Endodontics</i> , 2020, 46, 295-300.	3.1	5
10	Advancement of Mechanical Properties of Nickel-Titanium Rotary Endodontic Instruments by Spring Machining on the File Shaft. <i>Materials</i> , 2020, 13, 5246.	2.9	3
11	Buckling Resistance of Various Nickel-Titanium Glide Path Preparation Instruments in Dynamic or Static Mode. <i>Journal of Endodontics</i> , 2020, 46, 1125-1129.	3.1	3
12	Ex-Vivo Comparison of Torsional Stress on Nickel-Titanium Instruments Activated by Continuous Rotation or Adaptive Motion. <i>Materials</i> , 2020, 13, 1900.	2.9	13
13	Mechanical Properties of Various Glide Path Preparation Nickel-titanium Rotary Instruments. <i>Journal of Endodontics</i> , 2019, 45, 199-204.	3.1	13
14	Comparison of Screw-In Forces during Movement of Endodontic Files with Different Geometries, Alloys, and Kinetics. <i>Materials</i> , 2019, 12, 1506.	2.9	19
15	Comparison of In-Vitro Torque Generation during Instrumentation with Adaptive Versus Continuous Movement. <i>Journal of Endodontics</i> , 2019, 45, 803-807.	3.1	18
16	Effective Establishment of Glide-Path to Reduce Torsional Stress during Nickel-Titanium Rotary Instrumentation. <i>Materials</i> , 2019, 12, 493.	2.9	8
17	Efficacy and retrievability of root canal filling using calcium silicate-based and epoxy resin-based root canal sealers with matched obturation techniques. <i>Australian Endodontic Journal</i> , 2019, 45, 337-345.	1.5	23
18	Mechanical Properties of Glide Path Preparation Instruments with Different Pitch Lengths. <i>Journal of Endodontics</i> , 2018, 44, 864-868.	3.1	7

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19	Effect of the Glide Path Establishment on the Torque Generation to the Files during Instrumentation: An In-Vitro Measurement. <i>Journal of Endodontics</i> , 2018, 44, 496-500.	3.1	23
20	Mechanical Properties of Orifice Preflaring Nickel-titanium Rotary Instrument Heat Treated Using T-Wire Technology. <i>Journal of Endodontics</i> , 2018, 44, 1867-1871.	3.1	16
21	Microscopic Features of Fractured Fragment of Nickel-Titanium Endodontic Instruments by Two Different Modes of Torsional Loading. <i>Scanning</i> , 2018, 2018, 1-5.	1.5	4
22	Torsional Behavior of WaveOne Gold Endodontic File with the Dedicated Motor of the Original WaveOne File. <i>Materials</i> , 2018, 11, 1150.	2.9	5
23	Evaluation of dynamic and static torsional resistances of nickel-titanium rotary instruments. <i>Journal of Dental Sciences</i> , 2018, 13, 207-212.	2.5	8
24	Effect from Rotational Speed on Torsional Resistance of the Nickel-titanium Instruments. <i>Journal of Endodontics</i> , 2017, 43, 443-446.	3.1	20
25	Vibrations Generated by Several Nickel-titanium Endodontic File Systems during Canal Shaping in an Ex-Vivo Model. <i>Journal of Endodontics</i> , 2017, 43, 1197-1200.	3.1	12
26	The geometric effect of an off-centered cross-section on nickel-titanium rotary instruments: A finite element analysis study. <i>Journal of Dental Sciences</i> , 2017, 12, 173-178.	2.5	13
27	The Effects of Torsional Preloading on the Torsional Resistance of Nickel-titanium Instruments. <i>Journal of Endodontics</i> , 2017, 43, 157-162.	3.1	7
28	Mechanical Properties of Various Heat-treated Nickel-titanium Rotary Instruments. <i>Journal of Endodontics</i> , 2017, 43, 1872-1877.	3.1	79
29	Stress Generation during Pecking Motion of Rotary Nickel-titanium Instruments with Different Pecking Depth. <i>Journal of Endodontics</i> , 2017, 43, 1688-1691.	3.1	22
30	Physicochemical Properties of Epoxy Resin-Based and Bioceramic-Based Root Canal Sealers. <i>Bioinorganic Chemistry and Applications</i> , 2017, 2017, 1-8.	4.1	108
31	Effect of surface treatment on the mechanical properties of nickel-titanium files with a similar cross-section. <i>Restorative Dentistry & Endodontics</i> , 2017, 42, 216.	1.5	3
32	Screw-in forces during instrumentation by various file systems. <i>Restorative Dentistry & Endodontics</i> , 2016, 41, 304.	1.5	23
33	Preference of undergraduate students after first experience on nickel-titanium endodontic instruments. <i>Restorative Dentistry & Endodontics</i> , 2016, 41, 176.	1.5	17
34	Debris extrusion by glide-path establishing endodontic instruments with different geometries. <i>Journal of Dental Sciences</i> , 2016, 11, 136-140.	2.5	23
35	Effects of Pitch Length and Heat Treatment on the Mechanical Properties of the Glide Path Preparation Instruments. <i>Journal of Endodontics</i> , 2016, 42, 788-792.	3.1	20