

Nicola M Grande

List of Publications by Year in descending order

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97
papers

6,244
citations

70961

41
h-index

71532

76
g-index

100
all docs

100
docs citations

100
times ranked

3066
citing authors

#	ARTICLE	IF	CITATIONS
1	Fatigue Resistance of Engine-driven Rotary Nickel-Titanium Instruments Produced by New Manufacturing Methods. <i>Journal of Endodontics</i> , 2008, 34, 1003-1005.	1.4	301
2	Ultrasonics in Endodontics: A Review of the Literature. <i>Journal of Endodontics</i> , 2007, 33, 81-95.	1.4	300
3	A Review of Cyclic Fatigue Testing of Nickel-Titanium Rotary Instruments. <i>Journal of Endodontics</i> , 2009, 35, 1469-1476.	1.4	275
4	Nonvital Tooth Bleaching: A Review of the Literature and Clinical Procedures. <i>Journal of Endodontics</i> , 2008, 34, 394-407.	1.4	266
5	Influence of Continuous or Reciprocating Motion on Cyclic Fatigue Resistance of 4 Different Nickel-Titanium Rotary Instruments. <i>Journal of Endodontics</i> , 2013, 39, 258-261.	1.4	220
6	Cyclic fatigue of Reciproc and WaveOne reciprocating instruments. <i>International Endodontic Journal</i> , 2012, 45, 614-618.	2.3	216
7	Cyclic fatigue resistance and three-dimensional analysis of instruments from two nickel?titanium rotary systems. <i>International Endodontic Journal</i> , 2006, 39, 755-763.	2.3	209
8	Blue Thermomechanical Treatment Optimizes Fatigue Resistance and Flexibility of the Reciproc Files. <i>Journal of Endodontics</i> , 2017, 43, 462-466.	1.4	203
9	Flexural properties of endodontic posts and human root dentin. <i>Dental Materials</i> , 2007, 23, 1129-1135.	1.6	202
10	Fracture Strength of Endodontically Treated Teeth with Different Access Cavity Designs. <i>Journal of Endodontics</i> , 2017, 43, 995-1000.	1.4	187
11	The Effectiveness of Manual and Mechanical Instrumentation for the Retreatment of Three Different Root Canal Filling Materials. <i>Journal of Endodontics</i> , 2008, 34, 466-469.	1.4	158
12	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.	1.4	152
13	Blue Treatment Enhances Cyclic Fatigue Resistance of Vortex Nickel-Titanium Rotary Files. <i>Journal of Endodontics</i> , 2014, 40, 1451-1453.	1.4	127
14	Ex vivo accuracy of three electronic apex locators: Root ZX, Elements Diagnostic Unit and Apex Locator and ProPex. <i>International Endodontic Journal</i> , 2006, 39, 408-414.	2.3	125
15	Three-dimensional imaging using microcomputed tomography for studying tooth macromorphology. <i>Journal of the American Dental Association</i> , 2006, 137, 1555-1561.	0.7	121
16	Symmetry of Root and Root Canal Morphology of Maxillary and Mandibular Molars in a White Population: A Cone-beam Computed Tomography Study In Vivo. <i>Journal of Endodontics</i> , 2013, 39, 1545-1548.	1.4	117
17	Photodynamic therapy in endodontics. <i>International Endodontic Journal</i> , 2019, 52, 760-774.	2.3	117
18	Influence of Temperature on Cyclic Fatigue Resistance of ProTaper Gold and ProTaper Universal Rotary Files. <i>Journal of Endodontics</i> , 2017, 43, 200-202.	1.4	116

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19	Bending Properties of a New Nickel-Titanium Alloy with a Lower Percent by Weight of Nickel. Journal of Endodontics, 2011, 37, 1293-1295.	1.4	115
20	Current Assessment of Reciprocation in Endodontic Preparation: A Comprehensive Reviewâ€”Part II: Properties and Effectiveness. Journal of Endodontics, 2015, 41, 1939-1950.	1.4	103
21	Root canal morphology of the mesiobuccal root of maxillary first molars: a microâ€”computed tomographic analysis. International Endodontic Journal, 2009, 42, 165-174.	2.3	102
22	A comparison of cyclic fatigue between used and new Mtwo Niâ€”Ti rotary instruments. International Endodontic Journal, 2006, 39, 716-723.	2.3	97
23	Mechanical properties of nickelâ€”titanium rotary instruments produced with a new manufacturing technique. International Endodontic Journal, 2011, 44, 337-341.	2.3	95
24	New Technologies to Improve Root Canal Disinfection. Brazilian Dental Journal, 2016, 27, 3-8.	0.5	93
25	Experimental Evaluation on the Influence of Autoclave Sterilization on the Cyclic Fatigue of New Nickel-Titanium Rotary Instruments. Journal of Endodontics, 2012, 38, 222-225.	1.4	86
26	Deformation and fracture incidence of <scp>R</scp>eciproc instruments: a clinical evaluation. International Endodontic Journal, 2015, 48, 199-205.	2.3	85
27	Cyclic Fatigue of Nickel-Titanium Rotary Instruments in a Double (S-shaped) Simulated Curvature. Journal of Endodontics, 2012, 38, 987-989.	1.4	80
28	Cyclic fatigue of NiTi rotary instruments in a simulated apical abrupt curvature. International Endodontic Journal, 2010, 43, 226-230.	2.3	79
29	Cutting Efficiency of Reciproc and WaveOne Reciprocating Instruments. Journal of Endodontics, 2014, 40, 1228-1230.	1.4	76
30	Fracture resistance of endodontically treated molars restored with extensive composite resin restorations. Journal of Prosthetic Dentistry, 2008, 99, 225-232.	1.1	74
31	Fatigue resistance of rotary instruments manufactured using different nickelâ€”titanium alloys: a comparative study. Odontology / the Society of the Nippon Dental University, 2014, 102, 31-35.	0.9	71
32	Current Assessment of Reciprocation in Endodontic Preparation: A Comprehensive Reviewâ€”Part I: Historic Perspectives and Current Applications. Journal of Endodontics, 2015, 41, 1778-1783.	1.4	66
33	Environmental Temperature Drastically Affects Flexural Fatigue Resistance of Nickel-titanium Rotary Files. Journal of Endodontics, 2017, 43, 1157-1160.	1.4	62
34	Influence of cyclic torsional preloading on cyclic fatigue resistance of nickel â€” titanium instruments. International Endodontic Journal, 2015, 48, 1043-1050.	2.3	59
35	Cyclic fatigue resistance of two reciprocating nickelâ€”titanium instruments after immersion in sodium hypochlorite. International Endodontic Journal, 2013, 46, 155-159.	2.3	56
36	Influence of size and taper of basic root canal preparation on root canal cleanliness: a scanning electron microscopy study. International Endodontic Journal, 2019, 52, 343-351.	2.3	53

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37	Cyclic Fatigue Resistance of Three Different Nickel-Titanium Instruments after Immersion in Sodium Hypochlorite. <i>Journal of Endodontics</i> , 2011, 37, 1139-1142.	1.4	51
38	The influence of three different instrumentation techniques on the incidence of postoperative pain after endodontic treatment. <i>Annali Di Stomatologia</i> , 2013, 4, 152-5.	0.6	51
39	Influence of a brushing working motion on the fatigue life of NiTi rotary instruments. <i>International Endodontic Journal</i> , 2007, 40, 45-51.	2.3	47
40	Interaction between EDTA and Sodium Hypochlorite: A Nuclear Magnetic Resonance Analysis. <i>Journal of Endodontics</i> , 2006, 32, 460-464.	1.4	45
41	Influence of size and taper of artificial canals on the trajectory of NiTi rotary instruments in cyclic fatigue studies. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 109, e60-e66.	1.6	45
42	Effects of 6 Single-File Systems on Dentinal Crack Formation. <i>Journal of Endodontics</i> , 2017, 43, 456-461.	1.4	45
43	Influence of Negotiation, Glide Path, and Preflaring Procedures on Root Canal Shaping—Terminology, Basic Concepts, and a Systematic Review. <i>Journal of Endodontics</i> , 2020, 46, 707-729.	1.4	44
44	Regenerative Endodontic Procedures Using Contemporary Endodontic Materials. <i>Materials</i> , 2019, 12, 908.	1.3	42
45	Cyclic Fatigue of Reciproc and Reciproc Blue Nickel-titanium Reciprocating Files at Different Environmental Temperatures. <i>Journal of Endodontics</i> , 2018, 44, 1549-1552.	1.4	41
46	Present and future in the use of micro-CT scanner 3D analysis for the study of dental and root canal morphology. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2012, 48, 26-34.	0.2	41
47	Influence of Different Root Canal Filling Materials on the Mechanical Properties of Root Canal Dentin. <i>Journal of Endodontics</i> , 2007, 33, 859-863.	1.4	40
48	Cyclic Fatigue Resistance of Heat-treated Nickel-titanium Instruments after Immersion in Sodium Hypochlorite and/or Sterilization. <i>Journal of Endodontics</i> , 2018, 44, 648-653.	1.4	40
49	Micro-computerized tomographic analysis of radicular and canal morphology of premolars with long oval canals. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008, 106, e70-e76.	1.6	39
50	Cross-sectional analysis of root canals prepared with NiTi rotary instruments and stainless steel reciprocating files. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2007, 103, 120-126.	1.6	38
51	Influence of environmental temperature, heat-treatment and design on the cyclic fatigue resistance of three generations of a single-file nickel-titanium rotary instrument. <i>Odontology / the Society of the Nippon Dental University</i> , 2019, 107, 301-307.	0.9	35
52	Differential diagnosis of endodontic-related inferior alveolar nerve paraesthesia with cone beam computed tomography: a case report. <i>International Endodontic Journal</i> , 2011, 44, 176-181.	2.3	34
53	Efficacy of sonic and ultrasonic irrigation devices in the removal of debris from canal irregularities in artificial root canals. <i>Journal of Applied Oral Science</i> , 2019, 27, e20180045.	0.7	34
54	A new device to test cutting efficiency of mechanical endodontic instruments. <i>Medical Science Monitor</i> , 2014, 20, 374-378.	0.5	32

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55	Shaping ability of two nickel-titanium instruments activated by continuous rotation or adaptive motion: a micro-computed tomography study. <i>Clinical Oral Investigations</i> , 2016, 20, 2227-2233.	1.4	32
56	Cyclic fatigue resistances of several nickel-titanium glide path rotary and reciprocating instruments at body temperature. <i>International Endodontic Journal</i> , 2018, 51, 924-930.	2.3	32
57	Clinical procedures and outcome of surgical extrusion, intentional replantation and tooth autotransplantation – a narrative review. <i>International Endodontic Journal</i> , 2020, 53, 1636-1652.	2.3	32
58	Dentine removal in the coronal portion of root canals following two preparation techniques. <i>International Endodontic Journal</i> , 2007, 40, 852-858.	2.3	31
59	Measurement of the trajectory of different NiTi rotary instruments in an artificial canal specifically designed for cyclic fatigue tests. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009, 108, e152-e156.	1.6	30
60	Influence of rotational speed on the cyclic fatigue of two instruments. <i>International Endodontic Journal</i> , 2014, 47, 514-519.	2.3	29
61	Cyclic fatigue of instruments for endodontic glide path. <i>Odontology / the Society of the Nippon Dental University</i> , 2015, 103, 56-60.	0.9	29
62	European Society of Endodontology position statement: Surgical extrusion, intentional replantation and tooth autotransplantation. <i>International Endodontic Journal</i> , 2021, 54, 655-659.	2.3	28
63	Influence of the shape of artificial canals on the fatigue resistance of NiTi rotary instruments. <i>International Endodontic Journal</i> , 2010, 43, 69-75.	2.3	27
64	Cyclic fatigue resistance of two nickel-titanium rotary instruments in interrupted rotation. <i>International Endodontic Journal</i> , 2017, 50, 194-201.	2.3	26
65	Comparison of cyclic fatigue resistance and bending properties of two reciprocating nickel-titanium glide path files. <i>International Endodontic Journal</i> , 2018, 51, 1047-1052.	2.3	26
66	Histologic Response of Human Pulp and Periapical Tissues to Tricalcium Silicate-based Materials: A Series of Successfully Treated Cases. <i>Journal of Endodontics</i> , 2020, 46, 307-317.	1.4	26
67	Present status and future directions: Surgical extrusion, intentional replantation and tooth autotransplantation. <i>International Endodontic Journal</i> , 2022, 55, 827-842.	2.3	22
68	Cyclic Fatigue of Different Nickel-Titanium Rotary Instruments: A Comparative Study. <i>Open Dentistry Journal</i> , 2009, 3, 55-58.	0.2	21
69	Relationships between facial features in the perception of profile attractiveness. <i>Progress in Orthodontics</i> , 2010, 11, 92-97.	1.3	19
70	In vitro evaluation of the cytotoxicity of FotoSan, light-activated disinfection on human fibroblasts. <i>Medical Science Monitor</i> , 2011, 17, MT21-MT25.	0.5	19
71	Evaluation of smear layer and debris removal by stepwise intraoperative activation (SIA) of sodium hypochlorite. <i>Clinical Oral Investigations</i> , 2021, 25, 237-245.	1.4	19
72	Influence of Different Apical Preparations on Root Canal Cleanliness in Human Molars: a SEM Study. <i>Journal of Oral & Maxillofacial Research</i> , 2014, 5, e4.	0.3	17

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73	Antibiofilm Activity of Three Different Irrigation Techniques: An in Vitro Study. <i>Antibiotics</i> , 2019, 8, 112.	1.5	17
74	Influence of surface remodelling using burs on the macro and micro surface morphology of anatomically formed fibre posts. <i>International Endodontic Journal</i> , 2008, 41, 345-355.	2.3	15
75	The effect of custom adaptation and span-diameter ratio on the flexural properties of fiber-reinforced composite posts. <i>Journal of Dentistry</i> , 2009, 37, 383-389.	1.7	15
76	Cyclic fatigue resistance of newly manufactured rotary nickel titanium instruments used in different rotational directions. <i>Australian Endodontic Journal</i> , 2013, 39, 151-154.	0.6	15
77	Standardization of Endodontic Access Cavities Based on 3-dimensional Quantitative Analysis of Dentin and Enamel Removed. <i>Journal of Endodontics</i> , 2020, 46, 1495-1500.	1.4	13
78	Fracture resistance of endodontically treated teeth restored with a bulkfill flowable material and a resin composite. <i>Annali Di Stomatologia</i> , 2016, 7, 4-10.	0.6	11
79	Influence of activation mode and preheating on intracanal irrigant temperature. <i>Australian Endodontic Journal</i> , 2019, 45, 373-377.	0.6	11
80	Endodontic management of an autotransplanted mandibular third molar. <i>Journal of the American Dental Association</i> , 2020, 151, 197-202.	0.7	10
81	Cyclic fatigue resistance of four nickel-titanium rotary instruments: a comparative study. <i>Annali Di Stomatologia</i> , 2012, 3, 59-63.	0.6	9
82	Analisi della morfologia radicolare e canalare di molari superiori ed inferiori in una popolazione Caucasic: studio in vivo alla CBCT. <i>Giornale Italiano Di Endodonzia</i> , 2013, 27, 13-20.	0.3	8
83	The Outcome of Primary Root Canal Treatment in Postirradiated Patients: A Case Series. <i>Journal of Endodontics</i> , 2020, 46, 551-556.	1.4	7
84	Orthodontic Extrusion vs. Surgical Extrusion to Rehabilitate Severely Damaged Teeth: A Literature Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9530.	1.2	6
85	Cyclic fatigue comparison among endodontic instruments with similar cross section and different surface coating. <i>Minerva Stomatologica: A Journal on Dentistry and Maxillofacial Surgery</i> , 2019, 68, 67-73.	1.3	6
86	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
87	Cyclic fatigue resistance of Mtwo NiTi rotary instruments used by experienced and novice operators: an in vivo and in vitro study. <i>Medical Science Monitor</i> , 2012, 18, MT41-MT45.	0.5	5
88	In vitro Evaluation of the Cytotoxicity of Different Root Canal Filling. <i>Open Dentistry Journal</i> , 2011, 5, 29-32.	0.2	5
89	Analisi alla Cone Beam Computed Tomography della simmetria anatomica in molari superiori ed inferiori. <i>Giornale Italiano Di Endodonzia</i> , 2013, 27, 68-73.	0.3	3
90	The impact of endodontic anatomy on clinical practice: a micro-CT study and tribute to Prof. Francesco Riitano. <i>Giornale Italiano Di Endodonzia</i> , 2015, 29, 30-36.	0.3	2

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91	Comparison of shaping ability of ProTaper Next and 2Shape nickel-titanium files in simulated severe curved canals. <i>Giornale Italiano Di Endodonzia</i> , 2018, 32, 52-56.	0.3	2
92	Clinical and histological findings of post-treatment infection in presence of vertical root fracture and apical periodontitis: a case report. <i>European Endodontic Journal</i> , 2018, 4, 45-48.	0.4	2
93	Comparison of shaping ability of the Reciproc Blue and One Curve with or without glide path in simulated S-shaped root canals. <i>Restorative Dentistry & Endodontics</i> , 2022, 47, .	0.6	2
94	Influence of reduced air pressure methods on dye penetration in standardized voids. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2007, 103, 289-294.	1.6	1
95	Complications due to Root Canal Filling Procedures. , 2018, , 101-146.		1
96	The Outcome of Primary Root Canal Treatment in Post-Irradiated Patients: A Case Series. <i>Proceedings (mdpi)</i> , 2019, 35, 72.	0.2	0
97	Cleidocranial dysplasia. A molecular and clinical review.. <i>International Dental Research</i> , 2018, 8, 35-38.	0.1	0