

# Ronald Ordinola-Zapata

## List of Publications by Year in descending order

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95  
papers

3,544  
citations

94433

37  
h-index

155660

55  
g-index

95  
all docs

95  
docs citations

95  
times ranked

2587  
citing authors

#	ARTICLE	IF	CITATIONS
1	PRILE 2021 guidelines for reporting laboratory studies in Endodontology: A consensus-based development. International Endodontic Journal, 2021, 54, 1482-1490.	5.0	153
2	Depth and percentage of penetration of endodontic sealers into dentinal tubules after root canal obturation using a lateral compaction technique: A confocal laser scanning microscopy study. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2009, 108, 450-457.	1.4	111
3	Comparative accuracy of the Clearing Technique, <scp>CBCT</scp> and Microâ€œ<scp>CT</scp> methods in studying the mesial root canal configuration of mandibular first molars. International Endodontic Journal, 2017, 50, 90-96.	5.0	106
4	Influence of powderâ€œtoâ€œwater ratio on radiopacity, setting time, <scp>pH</scp>, calcium ion release and a microâ€œ<scp>CT</scp> volumetric solubility of white mineral trioxide aggregate. International Endodontic Journal, 2014, 47, 120-126.	5.0	99
5	Middle mesial canals in mandibular first molars: A micro-CT study in different populations. Archives of Oral Biology, 2016, 61, 130-137.	1.8	98
6	Evaluation of the physical and chemical properties of two commercial and three experimental root-end filling materials. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 110, 250-256.	1.4	97
7	Microâ€œComputed Tomography Study of the Internal Anatomy of Mesial Root Canals of Mandibular Molars. Journal of Endodontics, 2011, 37, 1682-1686.	3.1	97
8	Biofilm Dissolution and Cleaning Ability of Different Irrigant Solutions on Intraorally Infected Dentin. Journal of Endodontics, 2011, 37, 1134-1138.	3.1	94
9	Confocal Laser Scanning Microscopy Is Appropriate to Detect Viability of Enterococcus faecalis in Infected Dentin. Journal of Endodontics, 2008, 34, 1198-1201.	3.1	93
10	Biofilm removal by 6% sodium hypochlorite activated by different irrigation techniques. International Endodontic Journal, 2014, 47, 659-666.	5.0	93
11	Physical Properties and Interfacial Adaptation of Three Epoxy Resinâ€œbased Sealers. Journal of Endodontics, 2011, 37, 1417-1421.	3.1	85
12	Efficacy of Reciprocating Instruments for Removing Filling Material in Curved Canals Obturated with a Single-cone Technique: A Microâ€œcomputed Tomographic Analysis. Journal of Endodontics, 2014, 40, 1000-1004.	3.1	84
13	Antimicrobial effect of endodontic solutions used as final irrigants on a dentine biofilm model. International Endodontic Journal, 2012, 45, 162-168.	5.0	81
14	Microâ€œcomputed Tomographic Analysis of the Root Canal Morphology of the Distal Root of Mandibular First Molar. Journal of Endodontics, 2015, 41, 231-236.	3.1	79
15	Effect of Different Radiopacifying Agents on the Physicochemical Properties of White Portland Cement and White Mineral Trioxide Aggregate. Journal of Endodontics, 2012, 38, 394-397.	3.1	77
16	Influence of Preflaring on the Accuracy of Length Determination With Four Electronic Apex Locators. Journal of Endodontics, 2009, 35, 1300-1302.	3.1	71
17	Efficacy of xylene and passive ultrasonic irrigation on remaining root filling material during retreatment of anatomically complex teeth. International Endodontic Journal, 2014, 47, 1078-1083.	5.0	68
18	Evaluation of the propylene glycol association on some physical and chemical properties of mineral trioxide aggregate. International Endodontic Journal, 2012, 45, 565-570.	5.0	66

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19	Antimicrobial Activity of a Sodium Hypochlorite/Etidronic Acid Irrigant Solution. Journal of Endodontics, 2014, 40, 1999-2002.	3.1	66
20	Influence of Calcium Hydroxide Association on the Physical Properties of AH Plus. Journal of Endodontics, 2010, 36, 1048-1051.	3.1	65
21	Antimicrobial activity of Chlorhexidine, Peracetic acid and Sodium hypochlorite/etidronate irrigant solutions against <i>Enterococcus faecalis</i> biofilms. International Endodontic Journal, 2015, 48, 1188-1193.	5.0	64
22	Antimicrobial Activity of Triantibiotic Paste, 2% Chlorhexidine Gel, and Calcium Hydroxide on an Intraoral-infected Dentin Biofilm Model. Journal of Endodontics, 2013, 39, 115-118.	3.1	59
23	Comparative Analysis of Enterococcus faecalis Biofilm Formation on Different Substrates. Journal of Endodontics, 2013, 39, 346-350.	3.1	59
24	Comparative study of cone beam computed tomography and intraoral periapical radiographs in diagnosis of lingual simulated external root resorptions. Dental Traumatology, 2012, 28, 268-272.	2.0	57
25	Evaluation of the radiopacity of some commercial and experimental root-end filling materials. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2009, 108, e35-e38.	1.4	56
26	Analysis of four gutta-percha techniques used to fill mesial root canals of mandibular molars. International Endodontic Journal, 2011, 44, 321-329.	5.0	56
27	Shaping ability of Reciproc and TF Adaptive systems in severely curved canals of rapid microCT-based prototyping molar replicas. Journal of Applied Oral Science, 2014, 22, 509-515.	1.8	55
28	Micro-Computed Tomography Analysis of the Root Canal Anatomy and Prevalence of Oval Canals in Mandibular Incisors. Journal of Endodontics, 2013, 39, 1529-1533.	3.1	54
29	Differences in root canal system configuration in human permanent teeth within different age groups. International Endodontic Journal, 2018, 51, 931-941.	5.0	52
30	Influence of Smear Layer on the Antimicrobial Activity of a Sodium Hypochlorite/Etidronic Acid Irrigating Solution in Infected Dentin. Journal of Endodontics, 2016, 42, 1647-1650.	3.1	51
31	Detection of Various Anatomic Patterns of Root Canals in Mandibular Incisors Using Digital Periapical Radiography, Cone-beam Computed Tomographic Scanners, and Micro-Computed Tomographic Imaging. Journal of Endodontics, 2014, 40, 42-45.	3.1	50
32	Morphologic Micro-Computed Tomography Analysis of Mandibular Premolars with Three Root Canals. Journal of Endodontics, 2013, 39, 1130-1135.	3.1	48
33	Microscopic analysis of the quality of obturation and physical properties of MTA-Fillapex. Microscopy Research and Technique, 2014, 77, 1031-1036.	2.2	47
34	PRILE 2021 guidelines for reporting laboratory studies in Endodontology: explanation and elaboration. International Endodontic Journal, 2021, 54, 1491-1515.	5.0	46
35	Morphological evaluation of maxillary second molars with fused roots: a micro-CT study. International Endodontic Journal, 2017, 50, 1192-1200.	5.0	43
36	Effects of Dentin Debris on the Antimicrobial Properties of Sodium Hypochlorite and Etidronic Acid. Journal of Endodontics, 2016, 42, 771-775.	3.1	41

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37	The antimicrobial effect of new and conventional endodontic irrigants on intra-orally infected dentin. <i>Acta Odontologica Scandinavica</i> , 2013, 71, 424-431.	1.6	39
38	A preliminary study of the percentage of sealer penetration in roots obturated with the Thermafil and RealSeal-1 obturation techniques in mesial root canals of mandibular molars. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009, 108, 961-968.	1.4	36
39	The Effect of Larger Apical Preparations in the Danger Zone of Lower Molars Prepared Using the Mtwo and Reciproc Systems. <i>Journal of Endodontics</i> , 2014, 40, 1855-1859.	3.1	36
40	Variability of physicochemical properties of an epoxy resin sealer taken from different parts of the same tube. <i>International Endodontic Journal</i> , 2012, 45, 915-920.	5.0	35
41	Prevalence of apical periodontitis detected in cone beam CT images of a Brazilian subpopulation. <i>Dentomaxillofacial Radiology</i> , 2013, 42, 80179163-80179163.	2.7	34
42	The effect of benzalkonium chloride additions to AH Plus sealer. Antimicrobial, physical and chemical properties. <i>Journal of Dentistry</i> , 2015, 43, 846-854.	4.1	34
43	Combined Endodontic Therapy and Intentional Replantation for the Treatment of Palatogingival Groove. <i>Journal of Endodontics</i> , 2016, 42, 324-328.	3.1	34
44	What is of interest in Endodontology? A bibliometric review of research published in the <i>International Endodontic Journal</i> and the <i>Journal of Endodontics</i> from 1980 to 2019. <i>International Endodontic Journal</i> , 2020, 53, 36-52.	5.0	34
45	The influence of cone-beam computed tomography and periapical radiographic evaluation on the assessment of periapical bone destruction in dog's teeth. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011, 112, 272-279.	1.4	31
46	Micro-CT evaluation of C-shaped mandibular first premolars in a Brazilian subpopulation. <i>International Endodontic Journal</i> , 2015, 48, 807-813.	5.0	31
47	Prevalence of C-shaped Configurations in the Mandibular First and Second Premolars: A Cone-beam Computed Tomographic In Vivo Study. <i>Journal of Endodontics</i> , 2017, 43, 890-895.	3.1	31
48	Micro-CT analysis of danger zone thickness in the mesiobuccal roots of maxillary first molars. <i>International Endodontic Journal</i> , 2019, 52, 524-529.	5.0	31
49	Interfacial adaptation of an epoxy-resin sealer and a self-etch sealer to root canal dentin using the System B or the single cone technique. <i>Brazilian Dental Journal</i> , 2012, 23, 205-211.	1.1	29
50	Bacterial leakage in obturated root canals – part 2: a comparative histologic and microbiologic analyses. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 109, 788-794.	1.4	26
51	Prevalence and morphometric analysis of three-rooted mandibular first molars in a Brazilian subpopulation. <i>Journal of Applied Oral Science</i> , 2016, 24, 535-542.	1.8	26
52	Effect of finishing instrumentation using NiTi hand files on volume, surface area and uninstrumented surfaces in C-shaped root canal systems. <i>International Endodontic Journal</i> , 2017, 50, 604-611.	5.0	26
53	Analysis of the gutta-percha filled area in C-shaped mandibular molars obturated with a modified MicroSeal technique. <i>International Endodontic Journal</i> , 2009, 42, 186-197.	5.0	24
54	Micro-computed Tomographic Analysis of Mandibular Second Molars with C-shaped Root Canals. <i>Journal of Endodontics</i> , 2015, 41, 890-895.	3.1	23

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55	Present status and future directions of intracanal medicaments. <i>International Endodontic Journal</i> , 2022, 55, 613-636.	5.0	21
56	Evaluation of single root canals filled using the lateral compaction, tagger's hybrid, microseal and guttaflow techniques. <i>Brazilian Dental Journal</i> , 2010, 21, 411-415.	1.1	20
57	Effect of Ultrasonic Activation on pH and Calcium Released by Calcium Hydroxide Pastes in Simulated External Root Resorption. <i>Journal of Endodontics</i> , 2012, 38, 834-837.	3.1	19
58	Experimental Calcium Silicate-Based Cement with and without Zirconium Oxide Modulates Fibroblasts Viability. <i>Brazilian Dental Journal</i> , 2015, 26, 587-591.	1.1	19
59	Removal efficiency of propolis paste dressing from the root canal. <i>Journal of Applied Oral Science</i> , 2010, 18, 621-624.	1.8	17
60	Apical root canal anatomy in the mesiobuccal root of maxillary first molars: influence of root apical shape and prevalence of apical foramina – a micro-CT study. <i>International Endodontic Journal</i> , 2019, 52, 1218-1227.	5.0	16
61	Biocompatibility and setting time of CPM-MTA and white Portland cement clinker with or without calcium sulfate. <i>Journal of Applied Oral Science</i> , 2013, 21, 32-36.	1.8	15
62	Preferred Reporting Items for study Designs in Endodontology (PRIDE): guiding authors to identify and correct reporting deficiencies in their manuscripts prior to peer review. <i>International Endodontic Journal</i> , 2020, 53, 589-590.	5.0	14
63	Research that matters: debunking the myth of the “fracture resistance” of root filled teeth. <i>International Endodontic Journal</i> , 2021, 54, 297-300.	5.0	14
64	A critical analysis of research methods and experimental models to study the load capacity and clinical behaviour of the root filled teeth. <i>International Endodontic Journal</i> , 2022, 55, 471-494.	5.0	14
65	A protocol for developing reporting guidelines for laboratory studies in Endodontology. <i>International Endodontic Journal</i> , 2019, 52, 1090-1095.	5.0	13
66	Analysis of the color alteration and radiopacity promoted by bismuth oxide in calcium silicate cement. <i>Brazilian Oral Research</i> , 2013, 27, 318-323.	1.4	12
67	Rat subcutaneous tissue response to calcium silicate containing different arsenic concentrations. <i>Journal of Applied Oral Science</i> , 2015, 23, 42-48.	1.8	12
68	The effect of radiopacifiers agents on p<sc>H</sc>, calcium release, radiopacity, and antimicrobial properties of different calcium hydroxide dressings. <i>Microscopy Research and Technique</i> , 2015, 78, 620-625.	2.2	12
69	Present status and future directions: Management of curved and calcified root canals. <i>International Endodontic Journal</i> , 2022, 55, 656-684.	5.0	12
70	Root Canal Anatomy: Implications in Biofilm Disinfection. <i>Springer Series on Biofilms</i> , 2015, , 155-187.	0.1	11
71	Influence of the Method in Root Canal Filling Using Active Lateral Compaction Techniques. <i>Brazilian Dental Journal</i> , 2014, 25, 295-301.	1.1	10
72	Effect of Using Different Vehicles on the Physicochemical, Antimicrobial, and Biological Properties of White Mineral Trioxide Aggregate. <i>Journal of Endodontics</i> , 2017, 43, 779-786.	3.1	9

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73	The MB3 canal in maxillary molars: a micro-CT study. <i>Clinical Oral Investigations</i> , 2020, 24, 4109-4121.	3.0	9
74	Postoperative Pain after Treatment Using the GentleWave System: A Randomized Controlled Trial. <i>Journal of Endodontics</i> , 2020, 46, 1017-1022.	3.1	9
75	<i>In vitro</i> efficacy of a non-instrumentation technique to remove intracanal multispecies biofilm. <i>International Endodontic Journal</i> , 2022, 55, 495-504.	5.0	9
76	Influence of bismuth oxide concentration on the pH level and biocompatibility of white Portland cement. <i>Journal of Applied Oral Science</i> , 2014, 22, 268-273.	1.8	7
77	Analysis of the reaction of subcutaneous tissues in rats and the antimicrobial activity of calcium hydroxide paste used in association with different substances. <i>Journal of Applied Oral Science</i> , 2015, 23, 508-514.	1.8	7
78	Fatigue analysis of restored teeth longitudinally cracked under cyclic loading. <i>Dental Materials</i> , 2022, 38, 204-213.	3.5	7
79	Influence of minimally invasive endodontic access cavities and bonding status of resin composites on the mechanical property of endodontically-treated teeth: A finite element study. <i>Dental Materials</i> , 2022, 38, 242-250.	3.5	6
80	Micro-CT study of the root canal anatomy of maxillary canines. <i>Journal of Clinical and Experimental Dentistry</i> , 2017, 9, e1230-e1236.	1.2	5
81	Improving the design, execution, reporting and clinical translation of laboratory-based studies in Endodontology. <i>International Endodontic Journal</i> , 2019, 52, 1089-1089.	5.0	5
82	<i>In vitro</i> apical pressure created by 2 irrigation needles and a multisonic system in mandibular molars. <i>Restorative Dentistry &amp; Endodontics</i> , 2021, 46, e14.	1.5	5
83	The effect of rotary instrumentation on dentin thickness in the danger zone of the MB2 canal of maxillary first molars. <i>Australian Endodontic Journal</i> , 2022, 48, 239-244.	1.5	5
84	Preoperative Factors Associated with Anesthesia Failure for Patients Undergoing Nonsurgical Root Canal Therapy: A National Dental Practice-Based Research Network Study. <i>Journal of Endodontics</i> , 2021, 47, 1875-1882.	3.1	5
85	<i>In Vitro</i> Comparison of Porcelain Fused to Metal Crown Retention after Endodontic Access and Subsequent Restoration: Composite, Amalgam, Amalgam with Composite Veneer, and Fiber Post with Composite. <i>Journal of Endodontics</i> , 2020, 46, 1766-1770.	3.1	4
86	Prevalence of periapical lesions, root canal treatments and restorations in teeth adjacent to implant- or tooth-supported crowns: A multi-centre cross-sectional study. <i>International Endodontic Journal</i> , 2022, 55, 30-37.	5.0	4
87	Laboratory simulation of longitudinally cracked teeth using the step-stress cyclic loading method. <i>International Endodontic Journal</i> , 2021, 54, 1638-1646.	5.0	3
88	Accuracy of radiographic pixel linear analysis in detecting bone loss in periodontal disease: Study in diabetic rats. <i>Saudi Dental Journal</i> , 2021, 33, 987-996.	1.6	3
89	Root Canal Debridement and Disinfection in Minimally Invasive Preparation. , 2021, , 93-107.		3
90	Application of laser scanning microscopy for the analysis of oral biofilm dissolution by different endodontic irrigants. <i>Dental Research Journal</i> , 2014, 11, 442-7.	0.6	3

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91	Root Canal Components. , 2019, , 31-46.		1
92	Osteosarcoma of the anterior maxilla mimicking a periapical pathology: A case report. Australian Endodontic Journal, 2021, , .	1.5	1
93	Intra- and Interobserver Agreement during the Assessment of the Different Stages of Root Development Using 4 Radiographic Classifications. Journal of Endodontics, 2021, 47, 906-913.	3.1	1
94	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
95	Optimizing endodontic irrigation: advantages of negative apical pressure technology. Dentistry Today, 2013, 32, 88, 90-3.	0.1	0