

Rodrigo Ricci Vivan

List of Publications by Year in descending order

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101
papers

2,112
citations

279798

23
h-index

289244

40
g-index

105
all docs

105
docs citations

105
times ranked

1889
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiopacity of Portland Cement Associated With Different Radiopacifying Agents. <i>Journal of Endodontics</i> , 2009, 35, 737-740.	3.1	157
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. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009, 108, 450-457.	1.4	111
3	Comparison of three retreatment techniques with ultrasonic activation in flattened canals using micro-computed tomography and scanning electron microscopy. <i>International Endodontic Journal</i> , 2016, 49, 890-897.	5.0	98
4	Evaluation of the physical and chemical properties of two commercial and three experimental root-end filling materials. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 110, 250-256.	1.4	97
5	Effect of Different Radiopacifying Agents on the Physicochemical Properties of White Portland Cement and White Mineral Trioxide Aggregate. <i>Journal of Endodontics</i> , 2012, 38, 394-397.	3.1	77
6	Comparative Effectiveness of New Mechanical Irrigant Agitating Devices for Debris Removal from the Canal and Isthmus of Mesial Roots of Mandibular Molars. <i>Journal of Endodontics</i> , 2017, 43, 326-331.	3.1	67
7	Evaluation of the propylene glycol association on some physical and chemical properties of mineral trioxide aggregate. <i>International Endodontic Journal</i> , 2012, 45, 565-570.	5.0	66
8	Evaluation of the radiopacity of some commercial and experimental root-end filling materials. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009, 108, e35-e38.	1.4	56
9	Cyclic fatigue and torsional strength of three different thermally treated reciprocating nickel-titanium instruments. <i>Clinical Oral Investigations</i> , 2018, 22, 1865-1871.	3.0	54
10	Cyclic and Torsional Fatigue Resistance of Reciprocating Single Files Manufactured by Different Nickel-titanium Alloys. <i>Journal of Endodontics</i> , 2017, 43, 1186-1191.	3.1	52
11	Evaluation of apical transportation and centring ability of five thermally treated NiTi rotary systems. <i>International Endodontic Journal</i> , 2018, 51, 705-713.	5.0	52
12	Antimicrobial Activity and Physicochemical Properties of Calcium Hydroxide Pastes Used as Intracanal Medication. <i>Journal of Endodontics</i> , 2016, 42, 1822-1828.	3.1	48
13	Evaluation of Physicochemical Properties of New Calcium Silicate-Based Sealer. <i>Brazilian Dental Journal</i> , 2018, 29, 536-540.	1.1	48
14	Tricalcium silicate-based cements: properties and modifications. <i>Brazilian Oral Research</i> , 2018, 32, e70.	1.4	48
15	Color Stability, Radiopacity, and Chemical Characteristics of White Mineral Trioxide Aggregate Associated with 2 Different Vehicles in Contact with Blood. <i>Journal of Endodontics</i> , 2015, 41, 947-952.	3.1	47
16	Effect of temperature on the cyclic fatigue resistance of thermally treated reciprocating instruments. <i>Clinical Oral Investigations</i> , 2019, 23, 3047-3052.	3.0	39
17	Evaluation of pH and Calcium Ion Release of Calcium Hydroxide Pastes Containing Different Substances. <i>Journal of Endodontics</i> , 2009, 35, 1274-1277.	3.1	38
18	Analysis of the effects of several decalcifying agents alone and in combination with sodium hypochlorite on the chemical composition of dentine. <i>International Endodontic Journal</i> , 2018, 51, e42-e54.	5.0	36

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19	Influence of NiTi alloy on the root canal shaping capabilities of the ProTaper Universal and ProTaper Gold rotary instrument systems. <i>Journal of Applied Oral Science</i> , 2017, 25, 27-33.	1.8	32
20	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
21	Evaluation of Physicochemical Properties of a New Root Canal Sealer. <i>Journal of Endodontics</i> , 2018, 44, 501-505.	3.1	30
22	Effectiveness of five instruments when removing calcium hydroxide paste from simulated internal root resorption cavities in extracted maxillary central incisors. <i>International Endodontic Journal</i> , 2020, 53, 366-375.	5.0	29
23	Effect of the Association of Nonsteroidal Anti-inflammatory and Antibiotic Drugs on Antibiofilm Activity and pH of Calcium Hydroxide Pastes. <i>Journal of Endodontics</i> , 2017, 43, 131-134.	3.1	28
24	Antimicrobial activity of intracanal medications against both <i>Enterococcus faecalis</i> and <i>Candida albicans</i> biofilm. <i>Microscopy Research and Technique</i> , 2019, 82, 494-500.	2.2	27
25	In Vitro Alkaline pH Resistance of <i>Enterococcus faecalis</i> . <i>Brazilian Dental Journal</i> , 2013, 24, 474-476.	1.1	26
26	Penetrability of a new endodontic sealer: A confocal laser scanning microscopy evaluation. <i>Microscopy Research and Technique</i> , 2018, 81, 1246-1249.	2.2	25
27	Changes in Root Canal Length Determined during Mechanical Preparation Stages and Their Relationship with the Accuracy of Root ZX II. <i>Journal of Endodontics</i> , 2016, 42, 1683-1686.	3.1	24
28	Chemical-physical Properties and Apatite-forming Ability of Mineral Trioxide Aggregate Flow. <i>Journal of Endodontics</i> , 2017, 43, 1692-1696.	3.1	24
29	Volumetric Analysis of Irrigant Extrusion in Immature Teeth after Different Final Agitation Techniques. <i>Journal of Endodontics</i> , 2020, 46, 682-687.	3.1	24
30	Root Canal Area Increase Promoted by the EndoSequence and ProTaper Systems: Comparison by Computed Tomography. <i>Journal of Endodontics</i> , 2010, 36, 1179-1182.	3.1	22
31	Influence of ultrasonic agitation on bond strength, marginal adaptation, and tooth discoloration provided by three coronary barrier endodontic materials. <i>Clinical Oral Investigations</i> , 2019, 23, 4113-4122.	3.0	21
32	Determination of the Accuracy of 5 Electronic Apex Locators in the Function of Different Employment Protocols. <i>Journal of Endodontics</i> , 2017, 43, 1663-1667.	3.1	20
33	Comparison of two methods of irrigant agitation in the removal of residual filling material in retreatment. <i>Brazilian Oral Research</i> , 2017, 31, e113.	1.4	20
34	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
35	Ex Vivo Evaluation of the Accuracy of Electronic Foramen Locators in Root Canals with an Obstructed Apical Foramen. <i>Journal of Endodontics</i> , 2015, 41, 1551-1554.	3.1	19
36	Comparison of efficiency of the retreatment procedure between Wave One Gold and Wave One systems by Micro-CT and confocal microscopy: an in vitro study. <i>Clinical Oral Investigations</i> , 2019, 23, 337-343.	3.0	19

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37	Use of a 660-nm Laser to Aid in the Healing of Necrotic Alveolar Mucosa Caused by Extruded Sodium Hypochlorite: A Case Report. <i>Journal of Endodontics</i> , 2015, 41, 1899-1902.	3.1	18
38	Evaluation of Different Passive Ultrasonic Irrigation Protocols on the Removal of Dentinal Debris from Artificial Grooves. <i>Brazilian Dental Journal</i> , 2016, 27, 568-572.	1.1	18
39	Torsional fatigue resistance of pathfinding instruments manufactured from several nickel-titanium alloys. <i>International Endodontic Journal</i> , 2018, 51, 697-704.	5.0	18
40	Debris extrusion and foraminal deformation produced by reciprocating instruments made of thermally treated NiTi wires. <i>Journal of Applied Oral Science</i> , 2018, 26, e20170215.	1.8	18
41	Scanning electron microscopy analysis of RinsEndo system and conventional irrigation for debris removal. <i>Brazilian Dental Journal</i> , 2010, 21, 305-309.	1.1	17
42	Intradentinal antimicrobial action and filling quality promoted by ultrasonic agitation of epoxy resin-based sealer in endodontic obturation. <i>Journal of Applied Oral Science</i> , 2017, 25, 641-649.	1.8	17
43	Canal Transportation, Centering Ability, and Cyclic Fatigue Promoted by Twisted File Adaptive and Navigator EVO Instruments at Different Motions. <i>Journal of Endodontics</i> , 2018, 44, 1425-1429.	3.1	16
44	Efficacy of reciprocating systems for removing root filling material plus complementary cleaning methods in flattened canals: Microtomography and scanning electron microscopy study. <i>Microscopy Research and Technique</i> , 2019, 82, 1057-1064.	2.2	16
45	Effectiveness of photodynamic therapy associated with irrigants over two biofilm models. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 20, 169-174.	2.6	15
46	Computed microtomography evaluation of calcium hydroxide-based root canal dressing removal from oval root canals by different methods of irrigation. <i>Microscopy Research and Technique</i> , 2019, 82, 232-237.	2.2	15
47	Cyclic Fatigue Resistance of Nickel-Titanium Reciprocating Instruments after Simulated Clinical Use. <i>Journal of Endodontics</i> , 2020, 46, 1771-1775.	3.1	15
48	Experimental maxillary sinus augmentation using a highly bioactive glass ceramic. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 41.	3.6	14
49	Effect of larger apical size on the quality of preparation in curved canals using reciprocating instruments with different heat thermal treatments. <i>International Endodontic Journal</i> , 2019, 52, 1652-1659.	5.0	14
50	The ability of three nickel-titanium mechanized systems to negotiate and shape MB2 canals in extracted maxillary first molars: a micro-computed tomographic study. <i>International Endodontic Journal</i> , 2019, 52, 847-856.	5.0	14
51	Effect of association of non-steroidal anti-inflammatory and antibiotic agents with calcium hydroxide pastes on their cytotoxicity and biocompatibility. <i>Clinical Oral Investigations</i> , 2020, 24, 757-763.	3.0	13
52	Influence of cervical preflaring and root canal preparation on the fracture resistance of endodontically treated teeth. <i>BMC Oral Health</i> , 2020, 20, 111.	2.3	13
53	Influence of radiopacifying agents on the solubility, pH and antimicrobial activity of portland cement. <i>Brazilian Dental Journal</i> , 2012, 23, 515-520.	1.1	12
54	A novel ultrasonic tip for removal of filling material in flattened/oval-shaped root canals: a microCT study. <i>Brazilian Oral Research</i> , 2018, 32, e88.	1.4	12

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55	Comparisons by microcomputed tomography of the efficiency of different irrigation techniques for removing dentinal debris from artificial grooves. <i>Journal of Conservative Dentistry</i> , 2018, 21, 383.	0.9	12
56	Push-out Bond Strength of Root-end Filling Materials. <i>Brazilian Dental Journal</i> , 2016, 27, 332-335.	1.1	10
57	Effect of ultrasonic tip and root-end filling material on bond strength. <i>Clinical Oral Investigations</i> , 2016, 20, 2007-2011.	3.0	10
58	Influence of the Preparation Order in Four-Canal Maxillary Molars with WaveOne Gold System. <i>Journal of Endodontics</i> , 2020, 46, 1291-1296.	3.1	10
59	Ultrasonic tips as an auxiliary method for the instrumentation of oval-shaped root canals. <i>Brazilian Oral Research</i> , 2019, 33, e011.	1.4	9
60	Torsional fatigue strength of reciprocating and rotary pathfinding instruments manufactured from different NiTi alloys. <i>Brazilian Oral Research</i> , 2019, 33, e097.	1.4	9
61	Effect of ultrasonic agitation on push-out bond strength and adaptation of root-end filling materials. <i>Restorative Dentistry & Endodontics</i> , 2018, 43, e23.	1.5	8
62	Do different strains of <i>E. faecalis</i> have the same behavior towards intracanal medications in in vitro research?. <i>Brazilian Oral Research</i> , 2018, 32, e46.	1.4	8
63	Effects of heat in the properties of NaOCl alone and mixed with etidronate and alkaline tetrasodium EDTA. <i>International Endodontic Journal</i> , 2021, 54, 616-627.	5.0	8
64	Evaluation of Influence of Widening Apical Preparation of Root Canals on Efficiency of Ethylenediaminetetraacetic Acid Agitation Protocols: Study by Scanning Electron Microscopy. <i>Journal of Contemporary Dental Practice</i> , 2018, 19, 1087-1094.	0.5	8
65	Mechanical properties of ProTaper Gold, EdgeTaper Platinum, Flex Gold and Pro-T rotary systems. <i>European Endodontic Journal</i> , 2020, 5, 205-211.	0.6	8
66	Evaluation of the mechanical properties of different nickel-titanium retreatment instruments. <i>Australian Endodontic Journal</i> , 2021, 47, 265-272.	1.5	7
67	Intraoral Somatosensory Alterations Impact Pulp Sensibility Testing in Patients with Symptomatic Irreversible Pulpitis. <i>Journal of Endodontics</i> , 2020, 46, 786-793.	3.1	7
68	In vitro susceptibility of oral <i>Candida albicans</i> strains to different pH levels and calcium hydroxide saturated aqueous solution. <i>Brazilian Dental Journal</i> , 2012, 23, 192-198.	1.1	6
69	Effects of the association of antifungal drugs on the antimicrobial action of endodontic sealers. <i>Brazilian Oral Research</i> , 2015, 29, 1-7.	1.4	6
70	Efficacy of Electronic Foramen Locators in Controlling Root Canal Working Length during Rotary Instrumentation. <i>Brazilian Dental Journal</i> , 2015, 26, 547-551.	1.1	6
71	Comparison of Canal Transportation and Centering Ability of ProGlider and WaveOne Gold Glider in Curved Canals. <i>European Journal of Dentistry</i> , 2020, 14, 639-643.	1.7	6
72	Influence of Different Coronal Preflaring Protocols on Electronic Foramen Locators Precision. <i>Brazilian Dental Journal</i> , 2020, 31, 404-408.	1.1	6

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73	Bacterial Pathogens Related to Chronic Suppurative Otitis Media in Individuals with Cleft Palate: Bacteriological Culture and Polymerase Chain Reaction. <i>Cleft Palate-Craniofacial Journal</i> , 2014, 51, 145-153.	0.9	5
74	Comparative study of Vertucci and Ahmed classifications to evaluate the main root canal configuration of mandibular incisors in a Brazilian population. <i>Australian Endodontic Journal</i> , 2022, 48, 409-414.	1.5	5
75	Comparison of the Self-Adjusting File and Hedström File Used as Supplementary Instruments for the Remaining Filling Material Removal During Retreatment of C-Shaped Canals: A Micro-CT Study. <i>European Endodontic Journal</i> , 2020, 5, 112-117.	0.6	5
76	Scanning electronic microscopy analysis of the apical surface after of root-end resection with different methods. <i>Scanning</i> , 2015, 37, 126-130.	1.5	4
77	Can kinematics, file diameter, and PUI influence the intracanal decontamination and apical bacterial extrusion?. <i>Brazilian Oral Research</i> , 2020, 35, e003.	1.4	4
78	Evaluation of foramen locating accuracy of an endodontic motor integrated with electronic foramen employing optimal glide path kinematics. <i>Clinical Oral Investigations</i> , 2022, 26, 1293-1298.	3.0	4
79	A laboratory study of the scouting ability of two reciprocating glide path instruments in mesial root canals of extracted mandibular molars. <i>International Endodontic Journal</i> , 2021, 54, 1166-1174.	5.0	3
80	Optimum glide path motion is safer than continuous rotation of files in glide path preparation. <i>Australian Endodontic Journal</i> , 2021, , .	1.5	3
81	Effect of Irrigating Agitation after Root End Preparation on the Wall Cleaning and Bond Strength of Calcium Silicate Material in Retrograde Obturation. <i>European Journal of Dentistry</i> , 2021, 15, 707-713.	1.7	3
82	Safety of large preparation with different instruments in the buccal canals of maxillary molars. <i>Australian Endodontic Journal</i> , 2021, 47, 81-89.	1.5	3
83	Knowledge about Coronavirus disease 19 (COVID-19) and its professional repercussions among Brazilian endodontists. <i>Brazilian Oral Research</i> , 2020, 34, e117.	1.4	3
84	Evaluation of Influence of Widening Apical Preparation of Root Canals on Efficiency of Ethylenediaminetetraacetic Acid Agitation Protocols: Study by Scanning Electron Microscopy. <i>Journal of Contemporary Dental Practice</i> , 2018, 19, 1087-1094.	0.5	3
85	Efficacy of reciprocating instruments and final irrigant activation protocols on retreatment of mesiobuccal roots of maxillary molars: a micro-CT analysis. <i>Restorative Dentistry & Endodontics</i> , 2022, 47, e13.	1.5	3
86	Evaluation of type of kinematics on glide path procedures and torsional fatigue resistance after preparation of moderately curved canals. <i>Brazilian Oral Research</i> , 2021, 35, e064.	1.4	2
87	Influence of conservative endodontic access cavities on instrumentation of oval shape straight root canals. <i>International Endodontic Journal</i> , 2022, 55, 103-112.	5.0	2
88	The Influence of Humidity on Intra-tubular Penetration and Bond Strength of AH Plus and MTA Fillapex: An in Vitro Study. <i>European Endodontic Journal</i> , 2018, 3, 48-54.	0.6	2
89	Effect of the irrigation protocols on the elimination of dentin debris from simulated lateral canals. <i>Brazilian Dental Science</i> , 2018, 21, 437-444.	0.4	2
90	Effect of nickel-titanium alloys on root canal preparation and on mechanical properties of rotary instruments. <i>Brazilian Oral Research</i> , 0, 36, .	1.4	2

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91	NiTi loss on the dentinal walls and instrument deformation during root canal preparation. <i>Microscopy Research and Technique</i> , 2018, 81, 897-901.	2.2	1
92	Análise do pH e da atividade antimicrobiana de um novo medicamento intracanal biocerâmico Bio-C Temp. <i>Research, Society and Development</i> , 2021, 10, e33310716550.	0.1	1
93	Analysis of Instrumentation Protocols Regarding the Quality of Mesial Canal Preparation in Mandibular Molars: A Micro-computed Tomographic Study. <i>Journal of Endodontics</i> , 2021, 47, 1481-1486.	3.1	1
94	Influência do instrumento empregado no preparo cervical na determinação do diâmetro anatômico apical. <i>Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial</i> , 2015, 56, 58-62.	0.0	0
95	Several factors can affect the root canal transportation of MB2 canals in extracted maxillary first molars. <i>International Endodontic Journal</i> , 2019, 52, 551-552.	5.0	0
96	Atividade antimicrobiana de novos cimentos endodânticos biocerâmicos. <i>Research, Society and Development</i> , 2021, 10, e52910817593.	0.1	0
97	Physicochemical properties and antimicrobial activity of calcium hydroxide pastes in association with other compounds. <i>Brazilian Journal of Oral Sciences</i> , 0, 20, e212098.	0.1	0
98	USO DO QMIX COMO SOLUÇÃO IRRIGADORA NO TRATAMENTO ENDODÂNTICO: REVISÃO DE LITERATURA. <i>Unifunec Ciências Da Saúde E Biológicas</i> , 2019, 2, .	0.0	0
99	Efeito do contato do sangue e soro fisiológico na alteração de volume e solubilidade dos cimentos de silicato de cálcio MTA HP Repair®, Bio-C Repair®, MTA Flow® e Bio-C Repair ÁON+®. <i>Research, Society and Development</i> , 2021, 10, e295101522143.	0.1	0
100	Classificação Internacional de Dor Orofacial, Primeira Edição (ICOP) - versão Português Brasileiro. <i>Headache Medicine</i> , 2022, 13, 3-97.	0.2	0
101	Root canal length changes during mechanical preparation due to different cervical enlargement patterns. <i>Brazilian Oral Research</i> , 0, 36, .	1.4	0