Milton Carlos Kuga

List of Publications by Year in descending order

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125 papers 1,776 citations

20 h-index 36 g-index

125 all docs

125 docs citations

125 times ranked 1598 citing authors

#	Article	IF	CITATIONS
1	pH and calcium ion release of 2 root-end filling materials. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2003, 95, 345-347.	1.4	206
2	Arsenic release provided by MTA and Portland cement. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2005, 99, 648-650.	1.4	103
3	Antibacterial properties of silver nanoparticles as a root canal irrigant against <i>Enterococcus faecalis</i> biofilm and infected dentinal tubules. International Endodontic Journal, 2018, 51, 901-911.	5.0	98
4	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
5	Effect of the root canal final rinse protocols on the debris and smear layer removal and on the pushâ€out strength of an epoxyâ€based sealer. Microscopy Research and Technique, 2013, 76, 533-537.	2.2	63
6	Calcium hydroxide intracanal dressing removal with different rotary instruments and irrigating solutions: a scanning electron microscopy study. Brazilian Dental Journal, 2010, 21, 310-314.	1.1	50
7	Effect of final irrigation protocols on microhardness and erosion of root canal dentin. Microscopy Research and Technique, 2013, 76, 1079-1083.	2.2	49
8	The effect of final irrigation on the penetrability of an epoxy resin-based sealer into dentinal tubules: a confocal microscopy study. Clinical Oral Investigations, 2016, 20, 117-123.	3.0	48
9	Effectiveness of several solutions to prevent the formation of precipitate due to the interaction between sodium hypochlorite and chlorhexidine and its effect on bond strength of an epoxyâ€based sealer. International Endodontic Journal, 2015, 48, 478-483.	5.0	46
10	Antibacterial efficacy of endodontic irrigating solutions and their combinations in root canals contaminated with Enterococcus faecalis. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2011, 112, 396-400.	1.4	44
11	Effect of calcium hydroxide dressing on push-out bond strength of endodontic sealers to root canal dentin. Brazilian Oral Research, 2014, 28, 1-6.	1.4	41
12	Effects of Photodynamic Therapy on the Adhesive Interface of Fiber Posts Cementation Protocols. Journal of Endodontics, 2018, 44, 173-178.	3.1	39
13	Persistence of Epoxyâ€Based Sealer Residues in Dentin Treated With Different Chemical Removal Protocols. Scanning, 2013, 35, 17-21.	1.5	32
14	Push-out bond strength of fiber posts to root dentin using glass ionomer and resin modified glass ionomer cements. Journal of Applied Oral Science, 2014, 22, 390-396.	1.8	28
15	Calcium and hydroxide release from different pulp-capping materials. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2007, 104, e66-e69.	1.4	27
16	Penetration into dentin of sodium hypochlorite associated with acid solutions. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2011, 112, e155-e159.	1.4	26
17	Persistence of resinous cement residues in dentin treated with different chemical removal protocols. Microscopy Research and Technique, 2012, 75, 982-985.	2.2	25
18	Effects of photodynamic therapy on the adhesive interface using two fiber posts cementation systems. Photodiagnosis and Photodynamic Therapy, 2018, 24, 136-141.	2.6	25

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19	The effectiveness of glass ionomer cement as a fiber post cementation system in endodontically treated teeth. Microscopy Research and Technique, 2019, 82, 1191-1197.	2.2	24
20	The effects of chlorhexidine and ethanol on push-out bond strength of fiber posts. Journal of Conservative Dentistry, 2016, 19, 96.	0.9	24
21	Cellular and Molecular Tissue Response to Triple Antibiotic Intracanal Dressing. Journal of Endodontics, 2014, 40, 499-504.	3.1	22
22	Effectiveness of rotary or manual techniques for removing a 6-year-old filling material. Brazilian Dental Journal, 2010, 21, 148-152.	1.1	21
23	Can a bleaching toothpaste containing Blue Covarine demonstrate the same bleaching as conventional techniques? An in vitro, randomized and blinded study. Journal of Applied Oral Science, 2015, 23, 609-613.	1.8	20
24	Percentage of guttaâ€percha in mesial canals of mandibular molars obturated by lateral compaction or single cone techniques. Microscopy Research and Technique, 2012, 75, 1229-1232.	2.2	19
25	Effect of fiber post space irrigation with different peracetic acid formulations on the bond strength and penetration into the dentinal tubules of self-etching resin cement. Journal of Prosthetic Dentistry, 2019, 122, 46.e1-46.e7.	2.8	18
26	Evaluation of apical surface roughness after root resection: a scanning electron microscopic study. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2007, 104, e74-e76.	1.4	17
27	Efficacy of NiTi rotary instruments in removing calcium hydroxide dressing residues from root canal walls. Brazilian Oral Research, 2012, 26, 19-23.	1.4	17
28	Fracture strength of incisor crowns after intracoronal bleaching with sodium percarbonate. Dental Traumatology, 2012, 28, 238-242.	2.0	17
29	Effect of rotary instrument associated with different irrigation techniques on removing calcium hydroxide dressing. Microscopy Research and Technique, 2014, 77, 642-646.	2.2	17
30	Surface Characteristics of Reciprocating Instruments Before and After Use - A SEM Analysis. Brazilian Dental Journal, 2015, 26, 121-127.	1.1	17
31	Effects of different peracetic acid formulations on post space radicular dentin. Journal of Prosthetic Dentistry, 2018, 120, 92-98.	2.8	17
32	Status of Endodontic Treatment and the Correlations to the Quality of Root Canal Filling and Coronal Restoration. Journal of Contemporary Dental Practice, 2016, 17, 830-836.	0.5	17
33	Evaluation of dentin desensitization protocols on the dentinal surface and their effects on the dentin bond interface. Journal of Dentistry, 2018, 75, 98-104.	4.1	16
34	Evaluation of the interaction between sodium hypochlorite and several formulations containing chlorhexidine and its effect on the radicular dentinâ€"SEM and pushâ€out bond strength analysis. Microscopy Research and Technique, 2014, 77, 17-22.	2.2	15
35	The impact of the addition of iodoform on the physicochemical properties of an epoxy-based endodontic sealer. Journal of Applied Oral Science, 2014, 22, 125-130.	1.8	15
36	Effect of the calcium silicateâ€based sealer removal protocols and timeâ€point of acid etching on the dentin adhesive interface. Microscopy Research and Technique, 2018, 81, 914-920.	2,2	15

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37	Residues of calcium hydroxideâ€based intracanal medication associated with different vehicles: A scanning electron microscopy evaluation. Microscopy Research and Technique, 2012, 75, 898-902.	2.2	14
38	Adhesion of real seal to human root dentin treated with different solutions. Brazilian Dental Journal, 2012, 23, 521-526.	1.1	13
39	Effect of sodium hypochlorite under several formulations on root canal dentin microhardness. Journal of Investigative and Clinical Dentistry, 2013, 4, 229-232.	1.8	13
40	Effect of the time-point of acid etching on the persistence of sealer residues after using different dental cleaning protocols. Brazilian Oral Research, 2016, 30, e133.	1.4	13
41	Effect of cleaning protocols on bond strength of etch-and-rinse adhesive system to dentin. Journal of Conservative Dentistry, 2018, 21, 602.	0.9	13
42	Influence of radiopacifying agents on the solubility, pH and antimicrobial activity of portland cement. Brazilian Dental Journal, 2012, 23, 515-520.	1.1	12
43	The efficacy of the self-adjusting file and ProTaper for removal of calcium hydroxide from root canals. Journal of Applied Oral Science, 2013, 21, 346-350.	1.8	12
44	Effects of calcium hydroxide addition on the physical and chemical properties of a calcium silicate-based sealer. Journal of Applied Oral Science, 2014, 22, 180-184.	1.8	12
45	Enamel evaluation by scanning electron microscopy after debonding brackets and removal of adhesive remnants. Journal of Clinical and Experimental Dentistry, 2018, 10, 0-0.	1.2	12
46	Evaluation of the Physicochemical Properties and Push- Out Bond Strength of Mta-based Root Canal Cement. Journal of Contemporary Dental Practice, 2013, 14, 1094-1099.	0.5	12
47	Association of matrix metalloproteinase inducer (EMMPRIN) with the expression of matrix metalloproteinases-1, -2 and -9 during periapical lesion development. Archives of Oral Biology, 2014, 59, 944-953.	1.8	11
48	Comparison of Antimicrobial Activity between Chemical Disinfectants on Contaminated Orthodontic Pliers. Journal of Contemporary Dental Practice, 2015, 16, 619-623.	0.5	11
49	Response of mice connective tissue to intracanal dressings containing chlorhexidine. Microscopy Research and Technique, 2012, 75, 1653-1658.	2.2	10
50	Wizard CD Plus and ProTaper Universal: analysis of apical transportation using new software. Journal of Applied Oral Science, 2013, 21, 468-474.	1.8	10
51	Cytocompatibility, physical properties, and antibiofilm activity of endodontic sealers with amoxicillin. Microscopy Research and Technique, 2017, 80, 1036-1048.	2.2	10
52	Effect of ethanol on the antimicrobial properties of chlorhexidine over oral biofilm. Microscopy Research and Technique, 2018, 81, 408-412.	2.2	10
53	Effect of peracetic acid used as single irrigant on the smear layer, adhesion, and penetrability of AH Plus. Brazilian Oral Research, 2019, 33, e057.	1.4	10
54	Fracture Resistance of Teeth Submitted to Several Internal Bleaching Protocols. Journal of Contemporary Dental Practice, 2014, 15, 186-189.	0.5	10

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55	Effects of the Residues from the Endodontic Sealers on the Longevity of Esthetic Restorations. Journal of Contemporary Dental Practice, 2016, 17, 615-617.	0.5	10
56	Persistence of endodontic methacrylateâ€based cement residues on dentin adhesive surface treated with different chemical removal protocols. Microscopy Research and Technique, 2012, 75, 1432-1436.	2.2	9
57	Peracetic acid as a single endodontic irrigant: effects on microhardness, roughness and erosion of root canal dentin. Microscopy Research and Technique, 2020, 83, 375-380.	2.2	9
58	Cuspal Movement related to Different Polymerization Protocols. Journal of Contemporary Dental Practice, 2014, 15, 26-28.	0.5	9
59	Effects of tooth bleaching protocols with violet LED and hydrogen peroxide on enamel properties. Photodiagnosis and Photodynamic Therapy, 2022, 38, 102733.	2.6	9
60	Clinical microscopic analysis of protaper retreatment system efficacy considering root canal thirds using three endodontic sealers. Microscopy Research and Technique, 2012, 75, 1233-1236.	2.2	8
61	Residues of different gel formulations on dentinal walls: A SEM/EDS analysis. Microscopy Research and Technique, 2015, 78, 495-499.	2.2	8
62	Effects of alpha-tocopherol on fracture resistance after endodontic treatment, bleaching and restoration. Brazilian Oral Research, 2016, 30, .	1.4	8
63	Does a toothpaste containing blue covarine have any effect on bleached teeth? An in vitro, randomized and blinded study. Brazilian Oral Research, 2016, 30, .	1.4	8
64	Influence of operating microscope in the sealing of cervical perforations. Journal of Conservative Dentistry, 2016, 19, 152.	0.9	8
65	Pulp tissue dissolution when the use of sodium hypochlorite and EDTA alone or associated. Revista Odonto Ciencia, 2011, 26, 156-160.	0.0	7
66	Bleaching and microstructural effects of low concentration hydrogen peroxide photoactivated with LED/laser system on bovine enamel. Photodiagnosis and Photodynamic Therapy, 2021, 35, 102352.	2.6	7
67	LED/laser photoactivation enhances the whitening efficacy of low concentration hydrogen peroxide without microstructural enamel changes. Photodiagnosis and Photodynamic Therapy, 2021, 36, 102511.	2.6	7
68	In vitro susceptibility of oral Candida albicans strains to different pH levels and calcium hydroxide saturated aqueous solution. Brazilian Dental Journal, 2012, 23, 192-198.	1.1	6
69	Shear Bond Strength of Orthodontic Brackets Fixed with Remineralizing Adhesive Systems after Simulating One Year of Orthodontic Treatment. Scientific World Journal, The, 2015, 2015, 1-7.	2.1	6
70	Effect of calcium hydroxide on the bond strength of two bioactive cements and SEM evaluation of failure patterns. Scanning, 2016, 38, 240-244.	1.5	6
71	Temporary cement residues affect the bond strength and dentin penetration of selfâ€adhesive resin cement in fiberglass post cementation. Microscopy Research and Technique, 2021, 84, 2351-2360.	2.2	6
72	Endodontic Management of Open Apex Teeth Using Lyophilized Collagen Sponge and MTA Cement: Report of Two Cases. Iranian Endodontic Journal, 2017, 12, 248-252.	0.8	6

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73	Comparison of a resin-based sealant with a nano-filled flowable resin composite on sealing performance of marginal defects in resin composites restorations: a 36-months clinical evaluation. Clinical Oral Investigations, 2022, 26, 6087-6095.	3.0	6
74	Antibacterial activity of chlorhexidine after final irrigation with ethanol: <scp>CLSM</scp> and cultureâ€based method analysis. Microscopy Research and Technique, 2015, 78, 682-687.	2.2	5
75	Differential Diagnosis and Treatment Proposal for Acute Endodontic Infection. Journal of Contemporary Dental Practice, 2015, 16, 977-983.	0.5	5
76	SEM evaluation of the interface between filling and rootâ€end filling materials. Scanning, 2014, 36, 252-257.	1.5	4
77	Bond strength of adhesive resin cement with different adhesive systems. Journal of Clinical and Experimental Dentistry, 2016, 9, 0-0.	1.2	4
78	Smoking influences the Occurrence of Radiodermatitis in Head and Neck-irradiated Patients. World Journal of Dentistry, 2017, 8, 55-58.	0.3	4
79	Effect of mechanical cleaning protocols in the fiber post space on the adhesive interface between universal adhesive and root dentin. Microscopy Research and Technique, 2022, 85, 2131-2139.	2.2	4
80	Evaluation of the pH, calcium release and antibacterial activity of MTA Fillapex. Universidade Estadual Paulista Revista De Odontologia, 2013, 42, 330-335.	0.3	3
81	Effect of irrigation protocol during post space preparation on the dentin adhesive interface: An inÂvitro study. Journal of Prosthetic Dentistry, 2021, 125, 324.e1-324.e9.	2.8	3
82	Treatment Protocol for Dentin Hypersensitivity. World Journal of Dentistry, 2017, 8, 1-4.	0.3	3
83	Semidirect Restorations in Multidisciplinary Treatment: Viable Option for Children and Teenagers. Journal of Contemporary Dental Practice, 2015, 16, 280-283.	0.5	3
84	Effects of the Ratio between Pigment and Bleaching Gel on the Fracture Resistance and Dentin Microhardness of endodontically treated Teeth. Journal of Contemporary Dental Practice, 2017, 18, 1051-1055.	0.5	3
85	Influence of the Number of Bleaching Sessions on Fracture Resistance and Dentin Microhardness of Endodontically Treated Teeth. World Journal of Dentistry, 2017, 8, 5-9.	0.3	3
86	Repair of latrogenic Furcal Perforation with Mineral Trioxide Aggregate: A Seven-Year Follow-up. Iranian Endodontic Journal, 2017, 12, 516-520.	0.8	3
87	Impact of cleansing protocols to remove endodontic sealer residues on the adhesive interface: Bonding with universal adhesive systems. Journal of Esthetic and Restorative Dentistry, 2022, 34, 1077-1084.	3.8	3
88	Efficacy of three conditions of radiographic interpretation for assessment root canal length. Journal of Applied Oral Science, 2005, 13, 83-86.	1.8	2
89	Evaluation of calcium release and pH value of light-cured cavity liners for pulp-capping materials. Universidade Estadual Paulista Revista De Odontologia, 2018, 47, 205-209.	0.3	2
90	Evaluation of various methods of methylene blue removal from the post space after photodynamic therapy on the bonding interface using different resin cementation systems. Photodiagnosis and Photodynamic Therapy, 2021, 34, 102264.	2.6	2

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91	CLSM assessment of tubule penetration and bacterial leakage evaluation of two resin-based sealer. Journal of Research in Dentistry, 2015, 2, 388.	0.2	2
92	Persistence of Residues after Endodontic Retreatment related to the Obturation Technique and to the Solvent. World Journal of Dentistry, 2017, 8, 41-44.	0.3	2
93	Effect of Carbamide Peroxide on the Push-out Bond Strength of Different Composition Glass-Ionomer Cement to Root Canal Dentin when used as Cervical Barrier. Journal of Contemporary Dental Practice, 2015, 16, 944-949.	0.5	2
94	Effectiveness of ProTaper Retreatment System associated with Organic Solvents in the Removal of Root Canal Filling Material. World Journal of Dentistry, 2013, 4, 175-179.	0.3	2
95	Passive ultrasonic irrigation in calcium hydroxide removal from root canals: a sem/eds analysis. Journal of Research in Dentistry, 2015, 3, 668.	0.2	2
96	Effect of endodontic retreatment on the bond strength of resin cements to root canal dentin. American Journal of Dentistry, 2019, 32, 147-151.	0.1	2
97	Evaluation of the surface of root canal walls after utilization of endodontic rotary systems: SEM study. Journal of Applied Oral Science, 2005, 13, 78-82.	1.8	1
98	Fibrina rica en plaquetas (FRP): Una alternativa terapéutica en odontologÃa. Revista Estomatológica Herediana, 2016, 26, 173.	0.1	1
99	Effect of different adhesive strategies and storage time on bond strength of bifunctional monomers to simulated endodontically-treated dentin. Dental Materials Journal, 2021, 40, 1410-1417.	1.8	1
100	Two diode lasers versus ultrasonic activation of EDTA: push-out analysis and penetrability by confocal analysis. Lasers in Dental Science, 2021, 5, 61-68.	0.6	1
101	Bond Strength of Self-etching Adhesives Applied to Different Substrates. World Journal of Dentistry, 2017, 8, 358-363.	0.3	1
102	Influence of the Addition of Calcium Hydroxide Powder on Some Physical and Chemical Properties of the Sealer MTA Fillapex. World Journal of Dentistry, 2012, 3, 180-183.	0.3	1
103	A new calcium silicate-based material (Biodentine) for filling radicular perforation in an endodontic-periodontal lesion: A case report. Scientific Journal of Dentistry, 2014, 1, 42-45.	0.0	1
104	Effect of two formulations of 10% sodium ascorbate on fracture resistance of endodontically treated tooth submitted to dental bleaching with hydrogen peroxide associated titanium dioxide nanoparticles. Journal of Research in Dentistry, 2014, 2, 13.	0.2	1
105	Efeitos da dentina sobre o pH e atividade antimicrobiana de diversas formula $ ilde{A}$ § $ ilde{A}$ µes com hidr $ ilde{A}$ 3xido de c $ ilde{A}$ 1cio. Universidade Estadual Paulista Revista De Odontologia, 2015, 44, 169-174.	0.3	1
106	Influência de tratamento dentinário com EDTA sobre a resistência de união de sistemas adesivos autocondicionantes. Universidade Estadual Paulista Revista De Odontologia, 0, 48, .	0.3	1
107	Effects of the Incorporation of Alpha-Tocopherol as Antioxidant on Biological and Physicochemical Properties of Calcium Hydroxide Associated with Bioactive Vehicle. European Journal of General Dentistry, 2020, 9, 157-162.	0.4	1
108	Bonding effects of cleaning protocols and time-point of acid etching on dentin impregnated with endodontic sealer. Restorative Dentistry & Endodontics, 2022, 47, .	1.5	1

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109	Effect of irrigation protocols on chemical smear layer formation over the postâ€space dentin. Microscopy Research and Technique, 2022, 85, 3005-3013.	2.2	1
110	Alkalizing potential and calcium release of residues from intracanal dressing containing calcium hydroxide. Universidade Estadual Paulista Revista De Odontologia, 2018, 47, 383-387.	0.3	0
111	Hybrid layer formation and bond strength to dentin impregnated with endodontic sealer after cleaning protocols. Journal of Conservative Dentistry, 2021, 24, 187.	0.9	0
112	Comparative analysis of three rotary instruments used for coronal pre-enlargement in radicular dentin thickness and root canal area of mandibular molars. Journal of Research in Dentistry, 2013, 1, 246 .	0.2	0
113	Effects of coronal leakage on concentration of hydrogen ions and calcium release of several calcium hydroxide pastes over different periods of time. Journal of Research in Dentistry, 2013, 1, 230.	0.2	0
114	Effect of calcium chloride on the pH values of several formulations of calcium hydroxide mixed with chlorhexidine digluconate. Journal of Research in Dentistry, 2013, 1, 344.	0.2	0
115	Fracture resistance of endodontically-treated teeth submitted to bleaching treatment with hydrogen peroxide and titanium dioxide nanoparticles photoactivated by LED-laser. Universidade Estadual Paulista Revista De Odontologia, 2014, 43, 153-157.	0.3	0
116	The association of chlorhexidine digluconate and calcium chloride to use as vehicle of a silicate calcium-based cement. Scientific Journal of Dentistry, 2015, 2, 28-32.	0.0	0
117	Esthetic rehabilitation with composite resin in a patient with lateral incisor agenesis. Scientific Journal of Dentistry, 2015, 2, 36-39.	0.0	0
118	An Atypical Case of Partial Displacement and Wash-out of the Mineral Trioxide Aggregate-based Sealer in Endodontic Surgery. World Journal of Dentistry, 2015, 6, 108-111.	0.3	0
119	Acupuncture in the treatment of burning mouth syndrome. Scientific Journal of Dentistry, 2015, 2, 26-30.	0.0	0
120	Ipsilateral supplementary lateral incisors: a case report. Journal of Research in Dentistry, 2015, 3, 600.	0.2	0
121	Proposta de uma técnica minimamente invasiva para drenagem de lesão periapical aguda: relato de caso e estratégia clÃnica. Dental Press Endodontics, 2016, 6, 26-32.	0.0	0
122	Comparación del sistema ProTaper Universal con homólogo adulterado: estudio descriptivo. Revista Estomatológica Herediana, 2016, 26, 184.	0.1	0
123	Influence of agitation methods of irrigants after methylene blue-mediated PDT on the bonding interface of a fiber post cementation system. Photodiagnosis and Photodynamic Therapy, 2022, 37, 102708.	2.6	0
124	Efecto de agentes remineralizantes a base de fosfato de calcio sobre la dentina. Revista Odontológica Basadrina, 2020, 4, 03-09.	0.0	0
125	Is α-Tocopherol or Sodium Ascorbate Effective as Antioxidant on Fracture Resistance of Bleached Teeth?. Journal of Contemporary Dental Practice, 2020, 21, 481-485.	0.5	0