

# Marcia C Valera

## List of Publications by Year in descending order

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114  
papers

2,559  
citations

201385

27  
h-index

233125

45  
g-index

114  
all docs

114  
docs citations

114  
times ranked

2711  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue-engineering-based Strategies for Regenerative Endodontics. <i>Journal of Dental Research</i> , 2014, 93, 1222-1231.	2.5	189
2	In vitro penetration of bleaching agents into the pulp chamber. <i>International Endodontic Journal</i> , 2004, 37, 120-124.	2.3	131
3	In vitro evaluation of the effectiveness of irrigants and intracanal medicaments on microorganisms within root canals. <i>International Endodontic Journal</i> , 2004, 37, 311-319.	2.3	122
4	Cytotoxicity and Genotoxicity of Root Canal Sealers Based on Mineral Trioxide Aggregate. <i>Journal of Endodontics</i> , 2012, 38, 495-500.	1.4	118
5	Penetration of 38% Hydrogen Peroxide into the Pulp Chamber in Bovine and Human Teeth Submitted to Office Bleach Technique. <i>Journal of Endodontics</i> , 2007, 33, 1074-1077.	1.4	115
6	Topographical, Diametral, and Quantitative Analysis of Dentin Tubules in the Root Canals of Human and Bovine Teeth. <i>Journal of Endodontics</i> , 2007, 33, 422-426.	1.4	82
7	Effects of chlorhexidine and sodium hypochlorite on the microhardness of root canal dentin. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2007, 104, e125-e128.	1.6	70
8	Endocrown restorations: Influence of dental remnant and restorative material on stress distribution. <i>Dental Materials</i> , 2018, 34, 1466-1473.	1.6	70
9	Structural resistance in immature teeth using root reinforcements in vitro. <i>Dental Traumatology</i> , 2005, 21, 155-159.	0.8	62
10	One-Visit Versus Two-Visit Root Canal Treatment: Effectiveness in the Removal of Endotoxins and Cultivable Bacteria. <i>Journal of Endodontics</i> , 2013, 39, 959-964.	1.4	57
11	Smear Layer Removal by Auxiliary Chemical Substances in Biomechanical Preparation: A Scanning Electron Microscope Study. <i>Journal of Endodontics</i> , 2008, 34, 1396-1400.	1.4	53
12	Vehicle influence on calcium hydroxide pastes diffusion in human and bovine teeth. <i>Dental Traumatology</i> , 2006, 22, 302-306.	0.8	47
13	Antimicrobial Effects of Novel Triple Antibiotic Paste Mimic Scaffolds on <i>Actinomyces naeslundii</i> Biofilm. <i>Journal of Endodontics</i> , 2015, 41, 1337-1343.	1.4	47
14	The induction of cytotoxicity, oxidative stress, and genotoxicity by root canal sealers in mammalian cells. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009, 108, 952-960.	1.6	46
15	Effects of Ciprofloxacin-containing Scaffolds on <i>Enterococcus faecalis</i> Biofilms. <i>Journal of Endodontics</i> , 2015, 41, 710-714.	1.4	46
16	Colonization of oropharynx and lower respiratory tract in critical patients: Risk of ventilator-associated pneumonia. <i>Archives of Oral Biology</i> , 2018, 85, 64-69.	0.8	42
17	Efficacy of Endodontic Treatment for Endotoxin Reduction in Primarily Infected Root Canals and Evaluation of Cytotoxic Effects. <i>Journal of Endodontics</i> , 2012, 38, 1053-1057.	1.4	39
18	Antimicrobial activity of sodium hypochlorite associated with intracanal medication for <i>Candida albicans</i> and <i>Enterococcus faecalis</i> inoculated in root canals. <i>Journal of Applied Oral Science</i> , 2009, 17, 555-559.	0.7	38

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19	Effect of Carbamide Peroxide Bleaching Gel Concentration on the Bond Strength of Dental Substrates and Resin Composite. <i>Operative Dentistry</i> , 2010, 35, 463-469.	0.6	38
20	Effectiveness in the Removal of Endotoxins and Microbiological Profile in Primary Endodontic Infections Using 3 Different Instrumentation Systems: A Randomized Clinical Study. <i>Journal of Endodontics</i> , 2017, 43, 1237-1245.	1.4	38
21	In vitro effects of endodontic irrigants on endotoxins in root canals. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2007, 104, 135-142.	1.6	37
22	Correlation between Volume of Apical Periodontitis Determined by Cone-beam Computed Tomography Analysis and Endotoxin Levels Found in Primary Root Canal Infection. <i>Journal of Endodontics</i> , 2015, 41, 1015-1019.	1.4	36
23	Clinical Investigation of Matrix Metalloproteinases, Tissue Inhibitors of Matrix Metalloproteinases, and Matrix Metalloproteinase/Tissue Inhibitors of Matrix Metalloproteinase Complexes and Their Networks in Apical Periodontitis. <i>Journal of Endodontics</i> , 2016, 42, 1082-1088.	1.4	36
24	Effect of Zingiber officinale and propolis on microorganisms and endotoxins in root canals. <i>Journal of Applied Oral Science</i> , 2013, 21, 25-31.	0.7	33
25	Microbiological Profile Resistant to Different Intracanal Medications in Primary Endodontic Infections. <i>Journal of Endodontics</i> , 2015, 41, 824-830.	1.4	32
26	Knowledge of general dentists in the current guidelines for emergency treatment of avulsed teeth and dental trauma prevention. <i>Dental Traumatology</i> , 2009, 25, 578-583.	0.8	31
27	Resistance to compression of weakened roots subjected to different root reconstruction protocols. <i>Journal of Applied Oral Science</i> , 2011, 19, 648-654.	0.7	31
28	In vitro antimicrobial activity of auxiliary chemical substances and natural extracts on <i>Candida albicans</i> and <i>Enterococcus faecalis</i> in root canals. <i>Journal of Applied Oral Science</i> , 2013, 21, 118-123.	0.7	31
29	In vitro effects of calcium hydroxide and polymyxin B on endotoxins in root canals. <i>Journal of Dentistry</i> , 2005, 33, 107-114.	1.7	28
30	Antibacterial TAP-mimic electrospun polymer scaffold: effects on <i>P. gingivalis</i> -infected dentin biofilm. <i>Clinical Oral Investigations</i> , 2016, 20, 387-393.	1.4	28
31	Setting Time Affects In Vitro Biological Properties of Root Canal Sealers. <i>Journal of Endodontics</i> , 2014, 40, 530-533.	1.4	26
32	Influence of glass fibre post length and remaining dentine thickness on the fracture resistance of root filled teeth. <i>International Endodontic Journal</i> , 2017, 50, 569-577.	2.3	25
33	Smear layer removal capacity of disinfectant solutions used with and without EDTA for the irrigation of canals: a SEM study. <i>Pesquisa Odontologica Brasileira = Brazilian Oral Research</i> , 2003, 17, 349-355.	0.3	24
34	Quantification of Peroxide Ion Passage in Dentin, Enamel, and Cementum After Internal Bleaching With Hydrogen Peroxide. <i>Operative Dentistry</i> , 2012, 37, 660-664.	0.6	24
35	Effect of the addition of silanated silica on the mechanical properties of microwave heat-cured acrylic resin. <i>Gerodontology</i> , 2012, 29, e1019-23.	0.8	24
36	Different Extracts of Zingiber officinale Decrease <i>Enterococcus faecalis</i> Infection in <i>Galleria mellonella</i> . <i>Brazilian Dental Journal</i> , 2015, 26, 105-109.	0.5	24

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37	Primary versus post-treatment apical periodontitis: microbial composition, lipopolysaccharides and lipoteichoic acid levels, signs and symptoms. <i>Clinical Oral Investigations</i> , 2020, 24, 3169-3179.	1.4	24
38	Action of propolis and medications against <i>Escherichia coli</i> and endotoxin in root canals. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 110, e70-e74.	1.6	23
39	In vitro evaluation of the action of irrigating solutions associated with intracanal medications on <i>Escherichia coli</i> and its endotoxin in root canals. <i>Journal of Applied Oral Science</i> , 2011, 19, 106-112.	0.7	23
40	Effects of Nd:YAG Laser Irradiation on Root Canal Dentin Wall: A Scanning Electron Microscopic Study. <i>Photomedicine and Laser Surgery</i> , 2005, 23, 399-404.	2.1	22
41	Comparison of cytotoxicity, genotoxicity and immunological inflammatory biomarker activity of several endodontic sealers against immortalized human pulp cells. <i>International Endodontic Journal</i> , 2018, 51, 41-57.	2.3	22
42	Effect of Sodium Hypochlorite and Five Intracanal Medications on <i>Candida albicans</i> in Root Canals. <i>Journal of Endodontics</i> , 2001, 27, 401-403.	1.4	21
43	Effectiveness of carbamide peroxide and sodium perborate in non-vital discolored teeth. <i>Journal of Applied Oral Science</i> , 2009, 17, 254-261.	0.7	21
44	The effect of 17% EDTA and QMiX ultrasonic activation on smear layer removal and sealer penetration: ex vivo study. <i>Scientific Reports</i> , 2020, 10, 10311.	1.6	21
45	Fracture resistance of weakened bovine teeth after long-term use of calcium hydroxide. <i>Dental Traumatology</i> , 2015, 31, 385-389.	0.8	20
46	Sealing evaluation of the cervical base in intracoronary bleaching. <i>Dental Traumatology</i> , 2003, 19, 309-313.	0.8	19
47	Effect of Sodium Ascorbate and the Time Lapse before Cementation after Internal Bleaching on Bond Strength between Dentin and Ceramic. <i>Journal of Prosthodontics</i> , 2010, 19, 374-380.	1.7	19
48	In vitro antimicrobial and anti-endotoxin action of <i>Zingiber Officinale</i> as auxiliary chemical and medicament combined to calcium hydroxide and chlorhexidine. <i>Acta Odontologica Scandinavica</i> , 2015, 73, 556-561.	0.9	17
49	Effects of Nd:YAG and Er:YAG Lasers on the Sealing of Root Canal Fillings. <i>Photomedicine and Laser Surgery</i> , 2002, 20, 215-219.	1.1	16
50	Sealing ability of castor oil polymer as a root-end filling material. <i>Journal of Applied Oral Science</i> , 2009, 17, 220-223.	0.7	16
51	The Wear Performance of Glazed and Polished Full Contour Zirconia. <i>Brazilian Dental Journal</i> , 2019, 30, 511-518.	0.5	15
52	Peroxide penetration from the pulp chamber to the external root surface after internal bleaching. <i>American Journal of Dentistry</i> , 2010, 23, 171-4.	0.1	15
53	Diffusion ability of endotoxin through dentinal tubules. <i>Brazilian Oral Research</i> , 2005, 19, 5-10.	0.6	14
54	Scanning electron microscope evaluation of chlorhexidine gel and liquid associated with sodium hypochlorite cleaning on the root canal walls. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 110, e82-e87.	1.6	14

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55	In vitro evaluation of apical microleakage using different root-end filling materials. <i>Journal of Applied Oral Science</i> , 2006, 14, 49-52.	0.7	13
56	Color Stability of Resin Cements Exposed to Aging. <i>Operative Dentistry</i> , 2019, 44, 609-614.	0.6	13
57	Clinical Study of Sodium Hypochlorite, Polymyxin B And Limewater Effect on MMP-3,-8,-9 In Apical Periodontitis. <i>Brazilian Dental Journal</i> , 2020, 31, 116-121.	0.5	12
58	Incorporating N-acetylcysteine and tricalcium phosphate into epoxy resin-based sealer improved its biocompatibility and adhesiveness to radicular dentine. <i>Dental Materials</i> , 2019, 35, 1750-1756.	1.6	11
59	The impact of restorative material and ceramic thickness on CAD/CAM endocrowns. <i>Journal of Clinical and Experimental Dentistry</i> , 2019, 11, 0-0.	0.5	11
60	Effect of passive ultrasonic activation on microorganisms in primary root canal infection: a randomized clinical trial. <i>Journal of Applied Oral Science</i> , 2020, 28, e20190100.	0.7	11
61	Effect of EDTA and QMIX Ultrasonic Activation on the Reduction of Microorganisms and Endotoxins in Ex Vivo Human Root Canals. <i>Brazilian Dental Journal</i> , 2019, 30, 220-226.	0.5	10
62	Microbial Profile and Endotoxin Levels in Primary Periodontal Lesions with Secondary Endodontic Involvement. <i>Brazilian Dental Journal</i> , 2019, 30, 356-362.	0.5	9
63	Clinical influence of calcium hydroxide and N-acetylcysteine on the levels of resolvins E1 and D2 in apical periodontitis. <i>International Endodontic Journal</i> , 2021, 54, 61-73.	2.3	9
64	Action of Chlorhexidine, Zingiber officinale, and Calcium Hydroxide on <i>Candida albicans</i> , <i>Enterococcus faecalis</i> , <i>Escherichia coli</i> , and Endotoxin in the Root Canals. <i>Journal of Contemporary Dental Practice</i> , 2016, 17, 114-118.	0.2	9
65	Biological compatibility of some types of endodontic calcium hydroxide and glass ionomer cements. <i>Journal of Applied Oral Science</i> , 2004, 12, 294-300.	0.7	8
66	Comparison of Different Irrigants in the Removal of Endotoxins and Cultivable Microorganisms from Infected Root Canals. <i>Scientific World Journal</i> , The, 2015, 2015, 1-6.	0.8	8
67	Effectiveness of castor oil extract on <i>Escherichia coli</i> and its endotoxins in root canals. <i>General Dentistry</i> , 2012, 60, e204-9.	0.4	8
68	Development of chemical vapor deposition diamond burs using hot filament. <i>Review of Scientific Instruments</i> , 1996, 67, 1993-1995.	0.6	7
69	Surface agents' influence on the flexural strength of bilaminated ceramics. <i>Brazilian Oral Research</i> , 2013, 27, 311-317.	0.6	7
70	Filling ability of three bioceramic root-end filling materials: A micro-computed tomography analysis. <i>Australian Endodontic Journal</i> , 2020, 46, 424-431.	0.6	7
71	Harmful Effect of Beer on Bovine Enamel Microhardness – In Vitro Study. <i>PLoS ONE</i> , 2016, 11, e0163440.	1.1	7
72	Novel in vitro methodology for induction of <i>Enterococcus faecalis</i> biofilm on apical resorption areas. <i>Indian Journal of Dental Research</i> , 2014, 25, 535.	0.1	7

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73	Cyclic fatigue, torsional failure, and flexural resistance of rotary and reciprocating instruments. <i>Journal of Conservative Dentistry</i> , 2020, 23, 364.	0.3	7
74	Limewater and Polymyxin B Associated with NaOCl for Endotoxin Detoxification in Root Canal with Necrotic Pulp. <i>Brazilian Dental Journal</i> , 2016, 27, 573-577.	0.5	6
75	Investigation of Bacterial Contents From Persistent Endodontic Infection and Evaluation of Their Inflammatory Potential. <i>Brazilian Dental Journal</i> , 2016, 27, 412-418.	0.5	6
76	Effects of porcelain thickness on the flexural strength and crack propagation in a bilayered zirconia system. <i>Journal of Applied Oral Science</i> , 2017, 25, 566-574.	0.7	6
77	The influence of adrenergic blockade in rats with apical periodontitis under chronic stress conditions. <i>Archives of Oral Biology</i> , 2020, 110, 104590.	0.8	6
78	Effectiveness of 1-Visit and 2-Visit Endodontic Retreatment of Teeth with Persistent/Secondary Endodontic Infection: A Randomized Clinical Trial with 18 Months of Follow-up. <i>Journal of Endodontics</i> , 2022, 48, 4-14.	1.4	6
79	Case Report: Interdisciplinary management of a complex odontoma with a periapical involvement of superior anterior teeth. <i>F1000Research</i> , 2019, 8, 1531.	0.8	6
80	Degree of chronic orofacial pain associated to the practice of musical instruments in orchestra's participants. <i>Indian Journal of Dental Research</i> , 2014, 25, 28.	0.1	6
81	Penetration of 35% hydrogen peroxide into the pulp chamber in bovine teeth after LED or Nd:YAG laser activation. <i>The European Journal of Esthetic Dentistry: Official Journal of the European Academy of Esthetic Dentistry</i> , 2009, 4, 82-8.	0.3	6
82	The effect of sodium hypochlorite and ginger extract on microorganisms and endotoxins in endodontic treatment of infected root canals. <i>General Dentistry</i> , 2014, 62, 25-9.	0.4	6
83	Correlation Between Volume of Root Canal, Cultivable Bacteria, Bacterial Complexes and Endotoxins in Primary Infection. <i>Brazilian Dental Journal</i> , 2019, 30, 117-122.	0.5	5
84	The effect of endodontic materials on the optical density of dyes used in marginal leakage studies. <i>Brazilian Oral Research</i> , 2008, 22, 25-30.	0.6	4
85	Effect of bleaching agent extracts on murine macrophages. <i>Clinical Oral Investigations</i> , 2018, 22, 1771-1781.	1.4	4
86	Resolution of Nasal Sinus Tract after Endodontic Therapy: A Case Report with Microbial Analysis. <i>Journal of Endodontics</i> , 2021, 47, 327-334.	1.4	4
87	Evaluation of shear bond strength of orthodontic brackets bonded on the tooth surface after internal bleaching. <i>Universidade Estadual Paulista Revista De Odontologia</i> , 2014, 43, 209-213.	0.3	4
88	Impact of N-acetylcysteine (NAC) and calcium hydroxide intracanal medications in primary endodontic infection: a randomized clinical trial. <i>Clinical Oral Investigations</i> , 2023, 27, 817-826.	1.4	4
89	Morphological and chemical changes of dentin after applying different sterilization methods. <i>Universidade Estadual Paulista Revista De Odontologia</i> , 2015, 44, 131-136.	0.3	3
90	<i>Enterococcus faecium</i> and <i>Enterococcus faecalis</i> in endodontic infections: antibiotic resistance profile and susceptibility to photodynamic therapy. <i>Lasers in Dental Science</i> , 2017, 1, 91-99.	0.3	3

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91	Effect of ethylenediaminetetraacetic acid and hyaluronic acid on the viability and cytokine expression of periodontal ligament fibroblasts. <i>Dental Traumatology</i> , 2018, 34, 271-277.	0.8	3
92	Influence of <i>Zingiber officinale</i> Extract on Push-Out Bond Strength of Glass-Fiber Post. <i>Brazilian Dental Journal</i> , 2018, 29, 93-98.	0.5	3
93	Anti-inflammatory and anti-resorptive efficacy of adrenergic blockers on late replanted rat incisors. <i>Dental Traumatology</i> , 2020, 36, 253-263.	0.8	3
94	Masticatory muscle activity evaluation by electromyography in removable partial denture users. <i>Brazilian Dental Science</i> , 2013, 16, 41.	0.1	3
95	Influence of Fiber Post Cementation Length on Coronal Microleakage Values in vitro and Finite Element Analysis. <i>Journal of Contemporary Dental Practice</i> , 2014, 15, 444-450.	0.2	3
96	Microhardness and sealing ability of materials used for root canal perforations. <i>General Dentistry</i> , 2012, 60, e393-7.	0.4	3
97	Can different etching protocols change the properties of a hybrid ceramic?. <i>General Dentistry</i> , 2020, 68, 20-25.	0.4	3
98	Cimentos endodânticos: análise morfológica imediata e após seis meses utilizando microscopia de fluorescência. <i>Pesquisa Odontológica Brasileira = Brazilian Oral Research</i> , 2000, 14, 199-204.	0.3	2
99	Temperature variation in pulp chamber during dental bleaching in presence or absence of light activation. <i>Revista Odonto Ciência</i> , 2010, 25, 382-385.	0.0	2
100	Effects of fluoride and Aloe vera tooth gel in artificial white spot lesions in vitro. <i>Rgo</i> , 2016, 64, 56-61.	0.2	2
101	Configuration of Canal System in the Mesio Buccal Root of Maxillary First Molars. <i>International Journal of Morphology</i> , 2017, 35, 459-464.	0.1	2
102	Effect of chronic unpredictable stress on the progression of experimental apical periodontitis in rats. <i>International Endodontic Journal</i> , 2021, 54, 1342-1352.	2.3	2
103	Clinical influence of calcium hydroxide intracanal medications on matrix metalloproteinases and tissue inhibitors of metalloproteinases in apical periodontitis. <i>Clinical Oral Investigations</i> , 2022, 26, 643-650.	1.4	2
104	Abrasion resistance of direct and indirect resins as a function of a sealant veneer. <i>Indian Journal of Dental Research</i> , 2014, 25, 381.	0.1	2
105	Cimentos endodânticos - selamento marginal apical imediato e após armazenamento de seis meses. <i>Revista De Odontologia Da Universidade De Sao Paulo</i> , 1998, 12, 355-360.	0.0	1
106	Diffusion of hydroxyl ion on external root surface using different irrigating solutions: An In vitro study. <i>Indian Journal of Dental Research</i> , 2019, 30, 414.	0.1	1
107	Volumetric Evaluation of Voids and Gaps of Different Calcium-Silicate Based Materials Used in Furcal Perforations: A Micro-CT Study. <i>Dentistry Journal</i> , 2022, 10, 41.	0.9	1
108	Neodymium-doped yttrium aluminum garnet laser – self-etching primer: Association with mineral trioxide aggregate as retrograde root filling. <i>Journal of Advanced Clinical and Research Insights</i> , 2015, 2, 48-53.	0.1	0

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109	Evaluation of Compressive Strength and Microhardness of Composites Associated to Light Curing Characterizing Materials. <i>World Journal of Dentistry</i> , 2014, 5, 6-10.	0.1	0
110	Coronal bacterial leakage in root canals filled with single cone technique and different endodontic sealers. <i>Brazilian Dental Science</i> , 2014, 17, 57.	0.1	0
111	Influence of Irrigants in Association with Ultrasound for Cleaning Root Dentin Surface after Post Space Preparation: EDS Analysis. <i>International Journal of Odontostomatology</i> , 2016, 10, 35-40.	0.0	0
112	Evaluation of morphological and chemical alterations in enamel, dentin and cementum after internal bleaching technique using different bleaching agents. <i>Brazilian Dental Science</i> , 2016, 19, 56-62.	0.1	0
113	Effect of thermocycling aging on the flexural strength of feldspathic ceramic. <i>Brazilian Dental Science</i> , 2018, 21, 315-319.	0.1	0
114	Effect of age-related alterations on the biomechanics of teeth affected by non-cariou cervical lesions. <i>Brazilian Dental Science</i> , 2019, 22, 171-177.	0.1	0