

# Miguel Roig-Cayñán

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

2,572  
citations

172386  
29  
h-index

206029  
48  
g-index

80  
all docs

80  
docs citations

80  
times ranked

2224  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cone beam computed tomography in endodontics – a review. International Endodontic Journal, 2015, 48, 3-15.	2.3	281
2	European Society of Endodontology position statement: The use of CBCT in Endodontics. International Endodontic Journal, 2014, 47, 502-504.	2.3	211
3	Influence of Light and Oxygen on the Color Stability of Five Calcium Silicate-based Materials. Journal of Endodontics, 2013, 39, 525-528.	1.4	139
4	Evaluating the Periapical Status of Teeth with Irreversible Pulpitis by Using Cone-beam Computed Tomography Scanning and Periapical Radiographs. Journal of Endodontics, 2012, 38, 1588-1591.	1.4	99
5	Influence of preoperative pain intensity on postoperative pain after root canal treatment: A prospective clinical study. Journal of Dentistry, 2016, 45, 39-42.	1.7	87
6	Color Stability of Teeth Restored with Biodentine: A 6-month In Vitro Study. Journal of Endodontics, 2015, 41, 1157-1160.	1.4	86
7	Cone-beam Computed Tomography Analysis of the Root Canal Morphology of Maxillary First and Second Premolars in a Spanish Population. Journal of Endodontics, 2015, 41, 1241-1247.	1.4	79
8	Efficacy of three different rotary files to remove gutta-percha and Resilon from root canals. International Endodontic Journal, 2010, 43, 1022-1028.	2.3	75
9	Colour stainability of indirect CAD/CAM processed composites vs. conventionally laboratory processed composites after immersion in staining solutions. Journal of Dentistry, 2014, 42, 831-838.	1.7	75
10	Color stability of white mineral trioxide aggregate. Clinical Oral Investigations, 2013, 17, 1155-1159.	1.4	74
11	Color stability of siloranes versus methacrylate-based composites after immersion in staining solutions. Clinical Oral Investigations, 2013, 17, 1481-1487.	1.4	72
12	Influence of Cone-beam Computed Tomography in Clinical Decision Making among Specialists. Journal of Endodontics, 2017, 43, 194-199.	1.4	63
13	An evaluation of the periapical status of teeth with necrotic pulps using periapical radiography and cone-beam computed tomography. International Endodontic Journal, 2014, 47, 387-396.	2.3	54
14	Comparison of In Vivo and In Vitro Readings When Testing the Accuracy of the Root ZX Apex Locator. Journal of Endodontics, 2012, 38, 236-239.	1.4	50
15	Adhesive restoration of anterior endodontically treated teeth: influence of post length on fracture strength. Clinical Oral Investigations, 2014, 18, 545-554.	1.4	50
16	Evaluation of the effectiveness of an in-office bleaching system and the effect of potassium nitrate as a desensitizing agent. Odontology / the Society of the Nippon Dental University, 2014, 102, 203-210.	0.9	48
17	Applications of Piezoelectric Surgery in Endodontic Surgery: A Literature Review. Journal of Endodontics, 2014, 40, 325-332.	1.4	47
18	Mandibular first molars with distolingual roots: review and clinical management. International Endodontic Journal, 2012, 45, 963-978.	2.3	44

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19	Comparative study of interim materials for direct fixed dental prostheses and their fabrication with CAD/CAM technique. <i>Journal of Prosthetic Dentistry</i> , 2015, 114, 248-253.	1.1	43
20	Influence of Cone-beam Computed Tomography on Endodontic Retreatment Strategies among General Dental Practitioners and Endodontists. <i>Journal of Endodontics</i> , 2017, 43, 1433-1437.	1.4	42
21	An Evaluation of Root ZX and iPex Apex Locators: An In Vivo Study. <i>Journal of Endodontics</i> , 2011, 37, 608-610.	1.4	40
22	Evaluation of the Raypex 5 and the Mini Apex Locator: An In Vivo Study. <i>Journal of Endodontics</i> , 2011, 37, 1349-1352.	1.4	40
23	A new classification system for the restoration of root filled teeth. <i>International Endodontic Journal</i> , 2018, 51, 318-334.	2.3	38
24	In vivo evaluation of the iPex and Root ZX electronic apex locators using various irrigants. <i>International Endodontic Journal</i> , 2013, 46, 769-774.	2.3	37
25	Managing severe curvature of radix entomolaris: three-dimensional analysis with cone beam computed tomography. <i>International Endodontic Journal</i> , 2011, 44, 876-885.	2.3	36
26	Centring ability and apical transportation after overinstrumentation with ProTaper Universal and ProFile Vortex instruments. <i>International Endodontic Journal</i> , 2012, 45, 542-551.	2.3	35
27	Composite vs Ceramic Computer-aided Design/Computer-assisted Manufacturing Crowns in Endodontically Treated Teeth: Analysis of Marginal Adaptation. <i>Operative Dentistry</i> , 2013, 38, 663-673.	0.6	34
28	Combined Endodontic Therapy and Intentional Replantation for the Treatment of Palatogingival Groove. <i>Journal of Endodontics</i> , 2016, 42, 324-328.	1.4	34
29	A Comparison of Apical Transportation between ProFile and RaCe Rotary Instruments. <i>Journal of Endodontics</i> , 2012, 38, 990-992.	1.4	31
30	The effect of toothbrushing on surface gloss of resin composites. <i>American Journal of Dentistry</i> , 2012, 25, 54-8.	0.1	27
31	The Use of Cone-beam Computed Tomography in the Preservation of Pulp Vitality in a Maxillary Canine with Type 3 Dens Invaginatus and an Associated Periradicular Lesion. <i>Journal of Endodontics</i> , 2014, 40, 1501-1504.	1.4	24
32	European Society of Endodontology position statement: The restoration of root filled teeth. <i>International Endodontic Journal</i> , 2021, 54, 1974-1981.	2.3	23
33	Antimicrobial efficacy of 4.2% sodium hypochlorite adjusted to pH 12, 7.5, and 6.5 in infected human root canals. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009, 107, 295-298.	1.6	22
34	The effects of six electronic apex locators on pacemaker function: an in vitro study. <i>International Endodontic Journal</i> , 2013, 46, 399-405.	2.3	22
35	Development of Periapical Lesions in Endodontically Treated Teeth with and without Periodontal Involvement: A Retrospective Cohort Study. <i>Journal of Endodontics</i> , 2017, 43, 1246-1249.	1.4	22
36	A Comparison of Apical Transportation between FlexMaster and Twisted Files Rotary Instruments. <i>Journal of Endodontics</i> , 2012, 38, 993-995.	1.4	21

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37	InÂVivo Evaluation of the Raypex 5 by Using Different Irrigants. <i>Journal of Endodontics</i> , 2012, 38, 1075-1077.	1.4	21
38	Postoperative pain after removal of gutta-percha from root canals in endodontic retreatment using rotary or reciprocating instruments: a prospective clinical study. <i>Clinical Oral Investigations</i> , 2018, 22, 2623-2631.	1.4	21
39	Apical transportation created using three different patency instruments. <i>International Endodontic Journal</i> , 2010, 43, 560-564.	2.3	20
40	Horizontal root fracture treated with MTA, a case report with a 10-year follow-up. <i>Dental Traumatology</i> , 2011, 27, 460-463.	0.8	20
41	In vitro comparison of the accuracy of four intraoral scanners and three conventional impression methods for two neighboring implants. <i>PLoS ONE</i> , 2020, 15, e0228266.	1.1	16
42	Efficacy of ReciprocÂ® and ProfileÂ® Instruments in the Removal of Gutta-Percha from Straight and Curved Root Canals ex Vivo. <i>Journal of Oral &amp; Maxillofacial Research</i> , 2015, 6, e1.	0.3	16
43	Evaluation of Dentaport ZX and Raypex 6 electronic apex locators: An in vivo study. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2014, 19, e202-e205.	0.7	15
44	InÂVitro assessment of PEEK and titanium implant abutments: Screw loosening and microleakage evaluations under dynamic mechanical testing. <i>Journal of Prosthetic Dentistry</i> , 2022, 127, 470-476.	1.1	15
45	Fit of complete-arch implant-supported prostheses produced from an intraoral scan by using an auxiliary device and from an elastomeric impression: A pilot clinical trial. <i>Journal of Prosthetic Dentistry</i> , 2022, 128, 404-414.	1.1	15
46	Invasive Cervical Resorption: Clinical Management in the Anterior Zone. <i>Journal of Endodontics</i> , 2018, 44, 1749-1754.	1.4	14
47	Immediately loaded interim complete-arch implant-supported fixed dental prostheses fabricated with a completely digital workflow: A clinical technique. <i>Journal of Prosthetic Dentistry</i> , 2020, 124, 423-427.	1.1	13
48	A comparison of molar root canal preparations using flexofile, canal master U, and heliapical instruments. <i>Journal of Endodontics</i> , 1994, 20, 495-499.	1.4	12
49	Endodontic applications of cone beam computed tomography: case series and literature review. <i>Giornale Italiano Di Endodonzia</i> , 2015, 29, 38-50.	0.3	12
50	Outcome of Autotransplantation of Mature Third Molars Using 3-dimensionalâ€“printed Guiding Templates and Donor Tooth Replicas. <i>Journal of Endodontics</i> , 2018, 44, 1567-1574.	1.4	11
51	Danger zone analysis using cone beam computed tomography after apical enlargement with K3 and K3XF in a manikin model. <i>Journal of Clinical and Experimental Dentistry</i> , 2016, 8, 0-0.	0.5	11
52	Invasive cervical resorption: report on two cases. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 110, e64-e69.	1.6	10
53	Effects of Piezoelectric Units on Pacemaker Function: An InÂVitro Study. <i>Journal of Endodontics</i> , 2013, 39, 1296-1299.	1.4	10
54	InÂVitro Comparison in a Manikin Model: Increasing Apical Enlargement with K3 and K3XF Rotary Instruments. <i>Journal of Endodontics</i> , 2014, 40, 1463-1467.	1.4	10

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55	Treatment of a Perforating Inflammatory External Root Resorption with Mineral Trioxide Aggregate and Histologic Examination after Extraction. <i>Journal of Endodontics</i> , 2012, 38, 1007-1011.	1.4	9
56	Guided tooth preparation device fabricated with a complete digital workflow: A dental technique. <i>Journal of Prosthetic Dentistry</i> , 2021, 125, 221.e1-221.e4.	1.1	9
57	Digital implant impressions by cone-beam computerized tomography: a pilot study. <i>Clinical Oral Implants Research</i> , 2016, 27, 1407-1413.	1.9	8
58	Comparison of postoperative pain after root canal treatment using reciprocating instruments based on operator's experience: A prospective clinical study. <i>Journal of Clinical and Experimental Dentistry</i> , 2017, 9, 0-0.	0.5	8
59	Snoring intensity assessment with three different smartphones using the SnoreLab application in one participant. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 1971-1974.	1.4	7
60	Influence of academic training in endodontics and implantology on decision-making in undergraduate students. <i>Australian Endodontic Journal</i> , 2018, 44, 40-45.	0.6	6
61	Fabrication of a facially generated tooth reduction guide for minimally invasive preparations: A dental technique. <i>Journal of Prosthetic Dentistry</i> , 2022, 127, 689-694.	1.1	6
62	A comparison of molar root canal preparations using six instruments and instrumentation techniques. <i>Journal of Endodontics</i> , 1997, 23, 383-386.	1.4	5
63	Marginal seal stability of one bottle adhesives in Class V vs. Class I cavities. <i>Clinical Oral Investigations</i> , 2011, 15, 257-264.	1.4	5
64	Self-etching aspects of a three-step etch-and-rinse adhesive. <i>Clinical Oral Investigations</i> , 2013, 17, 1893-1900.	1.4	5
65	In vivo spectrophotometric evaluation of pure enamel and enamel-dentine complex in relationship with different age groups. <i>Journal of Dentistry</i> , 2013, 41, 1245-1250.	1.7	5
66	Stone verification device for verifying the definitive cast of an implant-supported restoration: A dental technique. <i>Journal of Prosthetic Dentistry</i> , 2022, 128, 858-863.	1.1	5
67	Color Stability of CAD/CAM Interim Material for Long-Term Fixed Dental Prostheses vs. Conventional Materials after Immersion in Different Staining Solutions. <i>Journal of Composites Science</i> , 2021, 5, 106.	1.4	3
68	Bulk filling of Class II cavities with a dual-cure composite: Effect of curing mode and enamel etching on marginal adaptation. <i>Journal of Clinical and Experimental Dentistry</i> , 2014, 6, e502-e508.	0.5	3
69	Full-mouth composite rehabilitation of a mixed erosion and attrition patient: a case report with v-shaped veneers and ultra-thin CAD/CAM composite overlays. <i>Quintessence International</i> , 2014, 45, 749-56.	0.3	3
70	Failure of ProTaper rotary Ni-Ti instruments used by undergraduate students. <i>Journal of Clinical and Experimental Dentistry</i> , 2012, 4, e199-203.	0.5	2
71	In vivo and in vitro spectrophotometric evaluation of upper central incisors before and after extraction. <i>Clinical Oral Investigations</i> , 2017, 21, 2429-2436.	1.4	2
72	Safety concerns of Piezoelectric Units in Implantable Cardioverter Defibrillator. <i>Journal of Oral and Maxillofacial Surgery</i> , 2018, 76, 273-277.	0.5	2

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73	The digital alveolar cast: A revised approach to an old concept. Journal of Prosthetic Dentistry, 2020, , .	1.1	2
74	Magnetic extrusion technique for restoring severely compromised teeth: A case report. Journal of Prosthetic Dentistry, 2022, 127, 542-549.	1.1	2
75	Silicone key device for maxilla orientation and occlusal plane recording in a digital workflow. Journal of Prosthetic Dentistry, 2023, 129, 24-28.	1.1	2
76	Impact of design and length on the accuracy of closed tray transfer copings. Journal of Clinical and Experimental Dentistry, 2019, 11, e707-e712.	0.5	2
77	Optical integration and fluorescence: a comparison among restorative materials with spectrophotometric analysis. Quintessence International, 2010, 41, 837-44.	0.3	2
78	Digital scanning under rubber dam: An innovative method for making definitive impressions in fixed prosthodontics. Journal of Esthetic and Restorative Dentistry, 2021, 33, 976-981.	1.8	1
79	A fully digital protocol to provide a fixed interim complete denture for immediate loading for a completely edentulous patient: A dental technique. Journal of Prosthetic Dentistry, 2021, , .	1.1	1
80	Morphologic in vivo study of the radicular anatomy of inferior incisors by the use of cone beam computed tomography. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2012, , S24-0.	0.7	0