

Vasudev Ballal

List of Publications by Year in descending order

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69
papers

1,005
citations

393982

19
h-index

476904

29
g-index

69
all docs

69
docs citations

69
times ranked

1068
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of the Efficacy of Maleic Acid and Ethylenediaminetetraacetic Acid in Smear Layer Removal from Instrumented Human Root Canal: A Scanning Electron Microscopic Study. <i>Journal of Endodontics</i> , 2009, 35, 1573-1576.	1.4	116
2	A comparative in vitro evaluation of cytotoxic effects of EDTA and maleic acid: Root canal irrigants. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009, 108, 633-638.	1.6	67
3	Evaluation of the Effect of Maleic Acid and Ethylenediaminetetraacetic Acid on the Microhardness and Surface Roughness of Human Root Canal Dentin. <i>Journal of Endodontics</i> , 2010, 36, 1385-1388.	1.4	66
4	Antimicrobial action of calcium hydroxide, chlorhexidine and their combination on endodontic pathogens. <i>Australian Dental Journal</i> , 2007, 52, 118-121.	0.6	57
5	In Vitro Sustained Release of Calcium Ions and pH Maintenance from Different Vehicles Containing Calcium Hydroxide. <i>Journal of Endodontics</i> , 2010, 36, 862-866.	1.4	55
6	Susceptibility of <i>Candida albicans</i> and <i>Enterococcus faecalis</i> to Chitosan, Chlorhexidine gluconate and their combination in vitro. <i>Australian Endodontic Journal</i> , 2009, 35, 29-33.	0.6	45
7	Wettability of root canal sealers on intraradicular dentine treated with different irrigating solutions. <i>Journal of Dentistry</i> , 2013, 41, 556-560.	1.7	45
8	Evaluation of the smear layer removal and decalcification effect of QMix, maleic acid and EDTA on root canal dentine. <i>Journal of Dentistry</i> , 2016, 51, 62-68.	1.7	33
9	Salvaging a tooth with a deep palatogingival groove: an endo-perio treatment – a case report. <i>International Endodontic Journal</i> , 2007, 40, 808-817.	2.3	29
10	Effect of Root Dentin Conditioning on the Pushout Bond Strength of Biodentine. <i>Journal of Endodontics</i> , 2018, 44, 1186-1190.	1.4	27
11	Sodium Hypochlorite Reduces Postoperative Discomfort and Painful Early Failure after Carious Exposure and Direct Pulp Capping – Initial Findings of a Randomized Controlled Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 2408.	1.0	26
12	Comparative Evaluation of Accuracy of 2 Electronic Apex Locators with Conventional Radiography: An Ex Vivo Study. <i>Journal of Endodontics</i> , 2015, 41, 201-204.	1.4	25
13	Evaluation of various irrigation activation systems to eliminate bacteria from the root canal system: A randomized controlled single blinded trial. <i>Journal of Dentistry</i> , 2020, 99, 103412.	1.7	25
14	MMP-9 in Dentinal Fluid Correlates with Caries Lesion Depth. <i>Caries Research</i> , 2017, 51, 460-465.	0.9	24
15	Safety assessment of an etidronate in a sodium hypochlorite solution: randomized double-blind trial. <i>International Endodontic Journal</i> , 2019, 52, 1274-1282.	2.3	24
16	MMP-9 Levels and NaOCl Lavage in Randomized Trial on Direct Pulp Capping. <i>Journal of Dental Research</i> , 2022, 101, 414-419.	2.5	24
17	Evaluation of decalcifying effect of maleic acid and EDTA on root canal dentin using energy dispersive spectrometer. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011, 112, e78-e84.	1.6	23
18	Comparative evaluation of different chelators in removal of calcium hydroxide preparations from root canals. <i>Australian Dental Journal</i> , 2012, 57, 344-348.	0.6	23

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19	Evaluation of Chemical Interactions of Maleic Acid with Sodium Hypochlorite and Chlorhexidine Gluconate. <i>Journal of Endodontics</i> , 2011, 37, 1402-1405.	1.4	22
20	Chemical, cytotoxic and genotoxic analysis of etidronate in sodium hypochlorite solution. <i>International Endodontic Journal</i> , 2019, 52, 1228-1234.	2.3	20
21	Assessment of the wetting behavior of three different root canal sealers on root canal dentin. <i>Journal of Conservative Dentistry</i> , 2012, 15, 109.	0.3	20
22	Evaluation of Cytotoxicity and Antibacterial Activity of a New Class of Silver Citrate-Based Compounds as Endodontic Irrigants. <i>Materials</i> , 2020, 13, 5019.	1.3	16
23	A comparative evaluation of postobturation apical seal following intracanal irrigation with maleic acid and EDTA: a dye leakage under vacuum study. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 109, e126-e130.	1.6	13
24	In vitro antimicrobial activity of maleic acid and ethylenediaminetetraacetic acid on endodontic pathogens. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011, 112, 696-700.	1.6	13
25	Esthetic Management of Fused Carious Teeth: A Case Report. <i>Journal of Esthetic and Restorative Dentistry</i> , 2006, 18, 13-18.	1.8	12
26	Effects of smear layer removal agents on the physical properties and microstructure of mineral trioxide aggregate cement. <i>Journal of Dentistry</i> , 2017, 66, 32-36.	1.7	11
27	Evaluation of SmearOFF, maleic acid and two EDTA preparations in smear layer removal from root canal dentin. <i>Acta Odontologica Scandinavica</i> , 2019, 77, 28-32.	0.9	11
28	Effects of chelating agent and acids on Biodentine. <i>Australian Dental Journal</i> , 2018, 63, 170-176.	0.6	10
29	Effect of novel chelating agents on the push-out bond strength of calcium silicate cements to the simulated root-end cavities. <i>Microscopy Research and Technique</i> , 2018, 81, 214-219.	1.2	9
30	Effect of maleic acid and ethylenediaminetetraacetic acid on the dissolution of human pulp tissue – an <i>in vitro</i> study. <i>International Endodontic Journal</i> , 2011, 44, 353-356.	2.3	8
31	Assessment of genotoxic effect of maleic acid and EDTA: a comparative <i>in vitro</i> experimental study. <i>Clinical Oral Investigations</i> , 2013, 17, 1319-1327.	1.4	8
32	Evaluation of final irrigation regimens with maleic acid for smear layer removal and wettability of root canal sealer. <i>Acta Odontologica Scandinavica</i> , 2018, 76, 199-203.	0.9	8
33	Antimicrobial activity, toxicity and accumulated hard tissue debris (AHTD) removal efficacy of several chelating agents. <i>International Endodontic Journal</i> , 2020, 53, 1093-1110.	2.3	8
34	Comparative evaluation of the accuracy of two electronic apex locators in determining the working length in teeth with simulated apical root resorption: An <i>in vitro</i> study. <i>Journal of Conservative Dentistry</i> , 2016, 19, 402.	0.3	8
35	Effect of Sodium Hypochlorite Concentration in Continuous Chelation on Dislodgement Resistance of an Epoxy Resin and Hydraulic Calcium Silicate Sealer. <i>Polymers</i> , 2021, 13, 3482.	2.0	7
36	Comparison between the use of thermoplasticized gutta-percha and a polydimethyl siloxane-based material in filling internal resorptive cavities using spiral computed tomography. <i>Microscopy Research and Technique</i> , 2019, 82, 149-152.	1.2	6

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37	Influence of 1-Hydroxyethylidene-1,1-Diphosphonic Acid on the Soft Tissue-Dissolving and Gelatinolytic Effect of Ultrasonically Activated Sodium Hypochlorite in Simulated Endodontic Environments. <i>Materials</i> , 2021, 14, 2531.	1.3	6
38	Oral medicine: Amlexanox. <i>British Dental Journal</i> , 2014, 217, 208-208.	0.3	5
39	Effect of maleic acid and ethylenediaminetetraacetic acid on the shear bond strength of RealSeal SE sealer to root canal dentin. <i>European journal of prosthodontics and restorative dentistry, The</i> , 2013, 21, 152-6.	0.3	5
40	Oil therapy. <i>British Dental Journal</i> , 2009, 207, 193-193.	0.3	4
41	Assessment of knowledge, attitude and practices among dental practitioners on methods of infection control while carrying out dental procedures during novel Coronavirus (COVID-19) pandemic. <i>Pan African Medical Journal</i> , 2021, 39, 265.	0.3	4
42	Evaluation of Smear Layer Removal Using Different Irrigation Methods In Root Canals. <i>European journal of prosthodontics and restorative dentistry, The</i> , 2019, 27, 97-102.	0.3	4
43	Effect of Maleic Acid Root Conditioning on Release of Transforming Growth Factor Beta 1 from Infected Root Canal Dentin. <i>Journal of Endodontics</i> , 2022, 48, 620-624.	1.4	4
44	Evaluation of Two Different Types of Mineral Trioxide Aggregate Cements as Direct Pulp Capping Agents in Human Teeth. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10455.	1.3	3
45	Effect of Chelating Agents on Push-Out Bond Strength of NeoMTA Plus to Root Canal Dentin. <i>Pesquisa Brasileira Em Odontopediatria E Clinica Integrada</i> , 0, 22, .	0.7	3
46	OLD AND NOVEL INTRACANAL MEDICAMENTS AGAINST CANDIDA ALBICANS. <i>Australian Dental Journal</i> , 2007, 52, 257-257.	0.6	2
47	Nonsurgical management of a nonvital tooth with orthodontically induced external root resorption and extensive periapical pathology. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2008, 134, 149-152.	0.8	2
48	Non-vital pulp. <i>British Dental Journal</i> , 2008, 204, 545-545.	0.3	2
49	Smear layer removal with Fâ€file. <i>Australian Endodontic Journal</i> , 2011, 37, 147-147.	0.6	2
50	A Comparative Study of the Quality of Apical Seal in Resilon/Epiphany SE Following Intra canal Irrigation With 17% EDTA, 10% Citric Acid, And MTAD as Final Irrigants â€ A Dye Leakage Study Under Vacuum. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2017, 11, ZC20-ZC24.	0.8	2
51	The efficacy of different irrigation protocols in removing tricalcium silicateâ€based sealers from simulated root canal irregularities. <i>Microscopy Research and Technique</i> , 2019, 82, 1862-1868.	1.2	2
52	Evaluation of Smear Layer Removal and Antimicrobial Efficacy of HybenX Against Enterococcus Faecalis Biofilm. <i>European journal of prosthodontics and restorative dentistry, The</i> , 2021, 29, 6-13.	0.3	2
53	Virtually impossible. <i>British Dental Journal</i> , 2007, 203, 622-622.	0.3	1
54	Direct contact. <i>British Dental Journal</i> , 2008, 204, 223-224.	0.3	1

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55	Safety measures. British Dental Journal, 2008, 205, 523-523.	0.3	1
56	Diminished, sidelined. British Dental Journal, 2009, 207, 463-463.	0.3	1
57	Letter to the Editor. Australian Endodontic Journal, 2009, 35, 35-35.	0.6	1
58	Storage media. British Dental Journal, 2011, 211, 153-153.	0.3	1
59	Influence of particulate alkaline biomaterial remnants in dentin on the adhesion of two resin-based bonding systems. Microscopy Research and Technique, 2021, 84, 1036-1041.	1.2	1
60	Evaluation of Sealing Ability of Biodentine to Root-End Cavities Irrigated either with Maleic Acid or Irritrol Using Glucose Filtration Model. Pesquisa Brasileira Em Odontopediatria E Clinica Integrada, 0, 21, .	0.7	1
61	A self-designed instrument to evaluate cavosurface angle for class I amalgam cavity preparation: A learning aid. Journal of Conservative Dentistry, 2012, 15, 253.	0.3	1
62	Laser list. British Dental Journal, 2007, 203, 498-498.	0.3	0
63	Avoiding overhang. British Dental Journal, 2008, 205, 221-221.	0.3	0
64	Value for money. British Dental Journal, 2009, 207, 97-97.	0.3	0
65	Gold onlays. British Dental Journal, 2009, 207, 463-464.	0.3	0
66	Aspire to prevention. British Dental Journal, 2012, 213, 97-97.	0.3	0
67	Newer chelating agents. Dental Update, 2013, 40, 589-589.	0.1	0
68	Letter to the Editor. Iranian Endodontic Journal, 2017, 12, 266-267.	0.8	0
69	Comparative Evaluation of Surface Defects In Single File Rotary Systems Before and After Instrumentation In Curved Root Canals. European journal of prosthodontics and restorative dentistry, The, 2018, 26, 130-135.	0.3	0