

# LÃ©a Assed Bezerra Da Silva

## List of Publications by Year in descending order

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103  
papers

2,423  
citations

236612

25  
h-index

243296

44  
g-index

104  
all docs

104  
docs citations

104  
times ranked

2081  
citing authors

#	ARTICLE	IF	CITATIONS
1	Accuracy of Periapical Radiography and Cone-Beam Computed Tomography Scans in Diagnosing Apical Periodontitis Using Histopathological Findings as a Gold Standard. <i>Journal of Endodontics</i> , 2009, 35, 1009-1012.	1.4	266
2	Revascularization and periapical repair after endodontic treatment using apical negative pressure irrigation versus conventional irrigation plus triantibiotic intracanal dressing in dogs' teeth with apical periodontitis. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 109, 779-787.	1.6	156
3	Radiation therapy alters microhardness and microstructure of enamel and dentin of permanent human teeth. <i>Journal of Dentistry</i> , 2014, 42, 986-992.	1.7	104
4	Cone-beam computerized tomographic, radiographic, and histologic evaluation of periapical repair in dogs' post-endodontic treatment. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009, 108, 796-805.	1.6	83
5	Histological evaluation of therapy using a calcium hydroxide dressing for teeth with incompletely formed apices and periapical lesions. <i>Journal of Endodontics</i> , 1993, 19, 348-352.	1.4	80
6	Matrix Metalloproteinase Expression in Teeth with Apical Periodontitis Is Differentially Modulated by the Modality of Root Canal Treatment. <i>Journal of Endodontics</i> , 2010, 36, 231-237.	1.4	77
7	Outcome of Root Canal Treatment in Dogs Determined by Periapical Radiography and Cone-Beam Computed Tomography Scans. <i>Journal of Endodontics</i> , 2009, 35, 723-726.	1.4	65
8	Effect of Irrigating Solution and Calcium Hydroxide Root Canal Dressing on the Repair of Apical and Periapical Tissues of Teeth with Periapical Lesion. <i>Journal of Endodontics</i> , 2002, 28, 295-299.	1.4	62
9	Calcium Hydroxide Promotes Cementogenesis and Induces Cementoblastic Differentiation of Mesenchymal Periodontal Ligament Cells in a CEMP1- and ERK-Dependent Manner. <i>Calcified Tissue International</i> , 2010, 87, 144-157.	1.5	57
10	Bacterial profile in primary teeth with necrotic pulp and periapical lesions. <i>Brazilian Dental Journal</i> , 2006, 17, 144-148.	0.5	55
11	High Matrix Metalloproteinase Activity Is a Hallmark of Periapical Granulomas. <i>Journal of Endodontics</i> , 2009, 35, 1234-1242.	1.4	52
12	Apical negative pressure irrigation versus conventional irrigation plus triantibiotic intracanal dressing on root canal disinfection in dog teeth. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 109, e42-e46.	1.6	52
13	The effect of radiation therapy on the mechanical and morphological properties of the enamel and dentin of deciduous teeth – an in vitro study. <i>Radiation Oncology</i> , 2014, 9, 30.	1.2	50
14	Scanning Electron Microscopic Preliminary Study of the Efficacy of SmearClear and EDTA for Smear Layer Removal after Root Canal Instrumentation in Permanent Teeth. <i>Journal of Endodontics</i> , 2008, 34, 1541-1544.	1.4	47
15	Radiographic and microbiologic evaluation of posttreatment apical and periapical repair of root canals of dogs' teeth with experimentally induced chronic lesion. <i>Oral Surgery, Oral Medicine, and Oral Pathology</i> , 1994, 78, 232-238.	0.6	46
16	Antibacterial activity of root canal filling materials for primary teeth: zinc oxide and eugenol cement, Calen paste thickened with zinc oxide, Sealapex and EndoREZ. <i>Brazilian Dental Journal</i> , 2009, 20, 290-296.	0.5	43
17	Oral aspects in celiac disease children: clinical and dental enamel chemical evaluation. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2015, 119, 636-643.	0.2	43
18	Histological study of the effect of some irrigating solutions on bacterial endotoxin in dogs. <i>Brazilian Dental Journal</i> , 2004, 15, 109-114.	0.5	42

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19	Root Canal Adhesive Filling in Dogs'™ Teeth with or without Coronal Restoration: A Histopathological Evaluation. <i>Journal of Endodontics</i> , 2007, 33, 1299-1303.	1.4	39
20	Histopathological evaluation of root canal filling materials for primary teeth. <i>Brazilian Dental Journal</i> , 2010, 21, 38-45.	0.5	34
21	Calcium hydroxide root canal dressing. Histopathological evaluation of periapical repair at different time periods. <i>Brazilian Dental Journal</i> , 2002, 13, 17-22.	0.5	33
22	Histopathological evaluation of the effects of variable extraoral dry times and enamel matrix proteins (enamel matrix derivatives) application on replanted dogs' teeth. <i>Dental Traumatology</i> , 2015, 31, 29-34.	0.8	30
23	Dual Role of 5-Lipoxygenase in Osteoclastogenesis in Bacterial-induced Apical Periodontitis. <i>Journal of Endodontics</i> , 2016, 42, 447-454.	1.4	29
24	Genetic Polymorphisms in RANK and RANKL are Associated with Persistent Apical Periodontitis. <i>Journal of Endodontics</i> , 2019, 45, 526-531.	1.4	27
25	Apical and periapical repair of dogs' teeth with periapical lesions after endodontic treatment with different root canal sealers. <i>Pesquisa Odontologica Brasileira = Brazilian Oral Research</i> , 2003, 17, 69-74.	0.3	26
26	Effects of the Association between a Calcium Hydroxide Paste and 0.4% Chlorhexidine on the Development of the Osteogenic Phenotype In Vitro. <i>Journal of Endodontics</i> , 2008, 34, 1485-1489.	1.4	25
27	Microbial culture and checkerboard DNA-DNA hybridization assessment of bacteria in root canals of primary teeth pre- and post-endodontic therapy with a calcium hydroxide/chlorhexidine paste. <i>International Journal of Paediatric Dentistry</i> , 2011, 21, 353-360.	1.0	25
28	Assessment of the microbiota in root canals of human primary teeth by checkerboard DNA-DNA hybridization. <i>Journal of Dentistry for Children</i> , 2007, 74, 118-23.	0.2	24
29	Histomicrobiologic aspects of the root canal system and periapical lesions in dogs' teeth after rotary instrumentation and intracanal dressing with Ca(OH) <sub>2</sub> pastes. <i>Journal of Applied Oral Science</i> , 2006, 14, 355-364.	0.7	23
30	Morphological differentiation between <i>S. mutans</i> and <i>S. sobrinus</i> on modified SB-20 culture medium. <i>Microbiological Research</i> , 2011, 166, 63-67.	2.5	23
31	Root canal contamination or exposure to lipopolysaccharide differentially modulate prostaglandin E <sub>2</sub> and leukotriene B <sub>4</sub> signaling in apical periodontitis. <i>Journal of Applied Oral Science</i> , 2020, 28, e20190699.	0.7	23
32	Periapical repair after root canal filling with different root canal sealers. <i>Brazilian Dental Journal</i> , 2009, 20, 389-395.	0.5	22
33	Cellular and Molecular Tissue Response to Triple Antibiotic Intracanal Dressing. <i>Journal of Endodontics</i> , 2014, 40, 499-504.	1.4	22
34	Tissue response to root canal irrigation systems in dogs'™ teeth with apical periodontitis. <i>Clinical Oral Investigations</i> , 2015, 19, 1147-1156.	1.4	21
35	Genetic Polymorphisms in DEF1 and miRNA202 Are Involved in Salivary Human Î²-Defensin 1 Levels and Caries Experience in Children. <i>Caries Research</i> , 2017, 51, 209-215.	0.9	21
36	A Comparison Study of Periapical Repair in Dogs' Teeth Using RoekoSeal and AH Plus Root Canal Sealers: A Histopathological Evaluation. <i>Journal of Endodontics</i> , 2008, 34, 822-825.	1.4	20

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37	Use of the checkerboard DNA-DNA hybridisation technique for in vivo detection of cariogenic microorganisms on metallic brackets, with or without use of an antimicrobial agent. <i>Journal of Dentistry</i> , 2011, 39, 513-517.	1.7	19
38	Effects of 5-lipoxygenase gene disruption on inflammation, osteoclastogenesis and bone resorption in polymicrobial apical periodontitis. <i>Archives of Oral Biology</i> , 2020, 112, 104670.	0.8	19
39	Subcutaneous tissue response of isogenic mice to calcium hydroxide-based pastes with chlorhexidine. <i>Brazilian Dental Journal</i> , 2009, 20, 99-106.	0.5	17
40	Timing of Permanent Tooth Emergence is Associated with Overweight/Obesity in Children from the Amazon Region. <i>Brazilian Dental Journal</i> , 2018, 29, 465-468.	0.5	17
41	Immunohistochemical and mRNA expression of RANK, RANKL, OPG, TLR2 and MyD88 during apical periodontitis progression in mice. <i>Journal of Applied Oral Science</i> , 2018, 26, e20170512.	0.7	17
42	Radiotherapy impairs adhesive bonding in permanent teeth. <i>Supportive Care in Cancer</i> , 2020, 28, 239-247.	1.0	16
43	Periapical bone response to bacterial lipopolysaccharide is shifted upon cyclooxygenase blockage. <i>Journal of Applied Oral Science</i> , 2019, 27, e20180641.	0.7	15
44	Quantification of pro-inflammatory cytokines and osteoclastogenesis markers in successful and failed orthodontic mini-implants. <i>Journal of Applied Oral Science</i> , 2019, 27, e20180476.	0.7	15
45	Effect of rotary instrumentation and of the association of calcium hydroxide and chlorhexidine on the antiseptics of the root canal system in dogs. <i>Brazilian Oral Research</i> , 2006, 20, 120-126.	0.6	15
46	Elimination of intracanal infection in dogs' teeth with induced periapical lesions after rotary instrumentation: influence of different calcium hydroxide pastes. <i>Journal of Applied Oral Science</i> , 2006, 14, 172-177.	0.7	14
47	Quantitative radiographic evaluation of periapical bone resorption in dog's teeth contaminated with bacterial endotoxin (LPS) associated or not with calcium hydroxide. <i>Brazilian Dental Journal</i> , 2008, 19, 296-300.	0.5	14
48	Orthodontic appliances did not increase risk of dental caries and periodontal disease under preventive protocol. <i>Angle Orthodontist</i> , 2019, 89, 25-32.	1.1	14
49	Comparison of apical periodontitis repair in endodontic treatment with calcium hydroxide-dressing and aPDT. <i>Brazilian Oral Research</i> , 2019, 33, e092.	0.6	14
50	Children's toothbrush contamination in day-care centers: how to solve this problem?. <i>Clinical Oral Investigations</i> , 2014, 18, 1969-1974.	1.4	13
51	Minimally interventive restorative care of teeth with molar incisor hypomineralization and open apex-A 24-month longitudinal study. <i>International Journal of Paediatric Dentistry</i> , 2020, 30, 4-10.	1.0	13
52	Immunohistochemical characterization of immune cell infiltration in paediatric and adult Langerhans cell histiocytosis. <i>Scandinavian Journal of Immunology</i> , 2020, 92, e12950.	1.3	13
53	Clinical, microbiological, and immunological evaluation of patients in corrective orthodontic treatment. <i>Progress in Orthodontics</i> , 2020, 21, 6.	1.3	13
54	Efficacy of microwaves and chlorhexidine on the disinfection of pacifiers and toothbrushes: an in vitro study. <i>Pediatric Dentistry (discontinued)</i> , 2011, 33, 10-3.	0.4	13

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55	Effect of biomechanical preparation and calcium hydroxide pastes on the antiseptis of root canal systems in dogs. <i>Journal of Applied Oral Science</i> , 2005, 13, 93-100.	0.7	12
56	Comparison between one-session root canal treatment with aPDT and two-session treatment with calcium hydroxide-based antibacterial dressing, in dogâ€™s teeth with apical periodontitis. <i>Lasers in Medical Science</i> , 2016, 31, 1481-1491.	1.0	12
57	Cytokine profile changes in gingival crevicular fluid after placement different brackets types. <i>Archives of Oral Biology</i> , 2018, 85, 79-83.	0.8	12
58	Vitamin D deficiency is a risk factor for delayed tooth eruption associated with persistent primary tooth. <i>Acta Odontologica Scandinavica</i> , 2021, 79, 600-605.	0.9	12
59	Correlation between the Periapical Index and Lesion Volume in Cone-beam Computed Tomography Images. <i>Iranian Endodontic Journal</i> , 2018, 13, 155-158.	0.8	12
60	Effect of a calcium hydroxideâ€™-based paste associated to chlorhexidine on RAW 264.7 macrophage cell line culture. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008, 106, e44-e51.	1.6	11
61	Response of mice connective tissue to intracanal dressings containing chlorhexidine. <i>Microscopy Research and Technique</i> , 2012, 75, 1653-1658.	1.2	10
62	Influence Of Genetic Polymorphisms In Genes Of Bone Remodeling And Angiogenesis Process In The Apical Periodontitis. <i>Brazilian Dental Journal</i> , 2018, 29, 179-183.	0.5	10
63	<scp>RANKL</scp> is associated with persistent primary teeth and delayed permanent tooth emergence. <i>International Journal of Paediatric Dentistry</i> , 2019, 29, 294-300.	1.0	10
64	Residual antibacterial activity of chlorhexidine digluconate and camphorated p-monochlorophenol in calcium hydroxide-based root canal dressings. <i>Brazilian Dental Journal</i> , 2007, 18, 8-15.	0.5	9
65	Microbial contamination and disinfection methods of pacifiers. <i>Journal of Applied Oral Science</i> , 2015, 23, 523-528.	0.7	9
66	Association between genetic polymorphisms in DEFB1 and microRNA202 with caries in two groups of Brazilian children. <i>Archives of Oral Biology</i> , 2018, 92, 1-7.	0.8	8
67	The effect of immediate controlled forces on periodontal healing of teeth replanted after short dry time in dogs. <i>Dental Traumatology</i> , 2018, 34, 336-346.	0.8	8
68	Effect of root surface treatment with denusomab after delayed tooth replantation. <i>Clinical Oral Investigations</i> , 2021, 25, 1255-1264.	1.4	8
69	Association between Estrogen, Vitamin D and Microrna17 Gene Polymorphisms and Periapical Lesions. <i>Brazilian Dental Journal</i> , 2020, 31, 19-24.	0.5	8
70	Scanning Electron Microscopy of the Apical Structure of Human Teeth. <i>Ultrastructural Pathology</i> , 2007, 31, 321-325.	0.4	7
71	Radiodensitometric and DXA analyses for the measurement of bone mineral density after systemic alendronate therapy. <i>Brazilian Oral Research</i> , 2013, 27, 252-257.	0.6	7
72	Three-Dimensional Micro-Computed Tomography Analyses of Induced Periapical Lesions in Transgenic Mice. <i>Ultrastructural Pathology</i> , 2015, 39, 402-407.	0.4	7

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73	Biofilm formation in Haas palatal expanders with and without use of an antimicrobial agent: an <i>in situ</i> study. <i>Microscopy Research and Technique</i> , 2017, 80, 471-477.	1.2	7
74	Effects of Rosiglitazone on the Outcome of Experimental Periapical Lesions in Mice. <i>Journal of Endodontics</i> , 2017, 43, 2061-2069.	1.4	7
75	Osteoclast formation, inflammation, and matrix metalloproteinase-9 are downregulated in bone repair following root canal treatment in dogs teeth. <i>Clinical Oral Investigations</i> , 2021, 25, 4699-4707.	1.4	7
76	Nutritional status is associated with permanent tooth eruption chronology. <i>Brazilian Journal of Oral Sciences</i> , 0, 16, 1-7.	0.1	7
77	Mutans streptococci remained viable on toothbrush bristles, <i>in vivo</i> , for 44h. <i>International Journal of Paediatric Dentistry</i> , 2014, 24, 367-372.	1.0	6
78	Assessing the proposed association between DED and gluten-free diet introduction in celiac children. <i>Special Care in Dentistry</i> , 2017, 37, 194-198.	0.4	6
79	Apical Negative Pressure irrigation presents tissue compatibility in immature teeth. <i>Journal of Applied Oral Science</i> , 2017, 25, 612-619.	0.7	6
80	Radiographic and Immunohistochemical Evaluation of Root Canal Treatment Using Different Irrigation Systems. <i>Brazilian Dental Journal</i> , 2019, 30, 123-132.	0.5	6
81	Alteration of the oral microbiota may be a responsible factor, along with estrogen deficiency, by the development of larger periapical lesions. <i>Clinical Oral Investigations</i> , 2021, 25, 3651-3662.	1.4	6
82	Radiographic evaluation of pulpal and periapical response of dogs' teeth after pulpotomy and use of recombinant human bone morphogenetic protein-7 as a capping agent. <i>Journal of Dentistry for Children</i> , 2008, 75, 14-9.	0.2	6
83	Comparative Molecular Analysis of Gram-Negative Bacteria in Primary Teeth with Irreversible Pulpitis or Periapical Pathology. <i>Pediatric Dentistry (discontinued)</i> , 2018, 40, 259-264.	0.4	6
84	Novel endodontic sealers induced satisfactory tissue response in mice. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 1506-1512.	2.5	5
85	Pulp response of anionic lyophilized collagen matrix with or without hydroxyapatite after pulpotomy in dog's teeth. <i>Materials Research</i> , 2006, 9, 175-180.	0.6	5
86	SEM Study of Apical Morphological Alterations in Primary Teeth with Vital and Necrotic Pulp. <i>Ultrastructural Pathology</i> , 2009, 33, 183-188.	0.4	4
87	Correlation Between Histomorphometric and Micro-computed Tomography Analysis of Periapical Lesions in Mice Model. <i>Ultrastructural Pathology</i> , 2015, 39, 187-191.	0.4	4
88	The effect of ovariectomy and 2 antiresorptive therapeutic agents on bone response in rats: A 3-dimensional imaging analysis. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2018, 126, 218-225.	0.2	4
89	Morphological identification of <i>Streptococcus mutans</i> and <i>Streptococcus sobrinus</i> in SB-20M culture medium has efficiency comparable to proteomic identification by the MALDI-TOF mass spectrometry technique. <i>Archives of Oral Biology</i> , 2020, 110, 104595.	0.8	4
90	Cytotoxicity and Inflammatory Mediators Release by Macrophages Exposed to Real Seal XT and Sealapex Xpress. <i>Brazilian Dental Journal</i> , 2021, 32, 48-52.	0.5	4

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91	Effect of non-steroidal anti-inflammatory drugs on pulpal and periapical inflammation induced by lipopolysaccharide. <i>Clinical Oral Investigations</i> , 2021, 25, 6201-6209.	1.4	4
92	Role of endotoxin in the etiology of periapical lesions: molecular mechanisms involved in endotoxin's recognition and cell activation. <i>Rgo</i> , 2014, 62, 289-298.	0.2	4
93	Bacterial endotoxin adhesion to different types of orthodontic adhesives. <i>Journal of Applied Oral Science</i> , 2017, 25, 436-441.	0.7	3
94	Accuracy of Conventional Periapical Radiography in Diagnosing Furcation Repair after Perforation Treatment. <i>Journal of Endodontics</i> , 2020, 46, 827-831.	1.4	3
95	Esthetic elastomeric ligatures: Quantification of bacterial endotoxin inÂvitro and inÂvivo. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2021, 159, 660-665.	0.8	3
96	An Epigallocatechin-3-gallate Formulation Developed for Endodontic Use: A Physicochemical and Biological Evaluation. <i>Journal of Endodontics</i> , 2021, 47, 1640-1650.	1.4	3
97	Leukotriene B4 loaded in microspheres regulate the expression of genes related to odontoblastic differentiation and biomineralization by dental pulp stem cells. <i>BMC Oral Health</i> , 2022, 22, 45.	0.8	3
98	Microbial distribution in the root canal system after periapical lesion induction using different methods. <i>Brazilian Dental Journal</i> , 2008, 19, 124-129.	0.5	2
99	Self-ligating brackets exhibit accumulation of high levels of periodontopathogens in gingival crevicular fluid. <i>Odontology / the Society of the Nippon Dental University</i> , 2022, , 1.	0.9	2
100	In vivo microbiological evaluation of the effect of biomechanical preparation of root canals using different irrigating solutions. <i>Journal of Applied Oral Science</i> , 2006, 14, 105-110.	0.7	1
101	Gene expression data of inflammatory mediators in apical periodontitis in 129 (wild type) and 5-lipoxygenase knockout mice. <i>Data in Brief</i> , 2022, 40, 107787.	0.5	1
102	In-vitro-Untersuchung struktureller und mechanischer Eigenschaften von intermaxillÄren kieferorthopÄdischen latexhaltigen und nichtlatexhaltigen Elastics. <i>Journal of Orofacial Orthopedics</i> , 2023, 84, 111-122.	0.5	1
103	Negative Pressure Irrigation Presents Mineralizing Potential in Dogs™ Immature Teeth with Periapical Lesion. <i>Brazilian Dental Journal</i> , 2020, 31, 37-43.	0.5	0