Cristiane Duque

List of Publications by Year
in descending order

78 papers	1,546 citations	304743 22 h-index	377865 34 g-index
79 all docs	79 docs citations	79 times ranked	2091 citing authors

#	Article	IF	Citations
1	Downregulation of GbpB, a Component of the VicRK Regulon, Affects Biofilm Formation and Cell Surface Characteristics of Streptococcus mutans. Infection and Immunity, 2011, 79, 786-796.	2.2	91
2	Relationship among microbiological composition and presence of dental plaque, sugar exposure, social factors and different stages of early childhood caries. Archives of Oral Biology, 2010, 55, 365-373.	1.8	81
3	Candida spp. in periodontal disease: a brief review. Journal of Oral Science, 2010, 52, 177-185.	1.7	64
4	Genetic and phenotypic evaluation ofCandida albicansstrains isolated from subgingival biofilm of diabetic patients with chronic periodontitis. Medical Mycology, 2012, 50, 467-475.	0.7	55
5	Antimicrobial peptide-loaded liquid crystalline precursor bioadhesive system for the prevention of dental caries. International Journal of Nanomedicine, 2018, Volume 13, 3081-3091.	6.7	51
6	Periodontal conditions and prevalence of putative periodontopathogens and Candida spp. in insulin-dependent type 2 diabetic and non-diabetic patients with chronic periodontitisâ€"A pilot study. Archives of Oral Biology, 2011, 56, 1098-1105.	1.8	49
7	Reactionary dentinogenesis after applying restorative materials and bioactive dentin matrix molecules as liners in deep cavities prepared in nonhuman primate teeth. Journal of Oral Rehabilitation, 2006, 33, 452-461.	3.0	46
8	Clinical and microbiological performance of resin-modified glass-ionomer liners after incomplete dentine caries removal. Clinical Oral Investigations, 2009, 13, 465-471.	3.0	44
9	Treatment of periodontitis in smokers with multiple sessions of antimicrobial photodynamic therapy or systemic antibiotics: A randomized clinical trial. Photodiagnosis and Photodynamic Therapy, 2018, 22, 217-222.	2.6	43
10	In vitro and in vivo investigation of the biological and mechanical behaviour of resin-modified glass-ionomer cement containing chlorhexidine. Journal of Dentistry, 2013, 41, 155-163.	4.1	42
11	Immunological and Microbiologic Changes during Caries Development in Young Children. Caries Research, 2011, 45, 377-385.	2.0	41
12	Comparison of repeated applications of aPDT with amoxicillin and metronidazole in the treatment of chronic periodontitis: A short-term study. Journal of Photochemistry and Photobiology B: Biology, 2017, 174, 364-369.	3.8	41
13	Antimicrobial peptides in saliva of children with severe early childhood caries. Archives of Oral Biology, 2016, 69, 40-46.	1.8	36
14	Inhibitory activity of glass-ionomer cements on cariogenic bacteria. Operative Dentistry, 2005, 30, 636-40.	1.2	35
15	Cytotoxicity and the effect of cationic peptide fragments against cariogenic bacteria under planktonic and biofilm conditions. Biofouling, 2016, 32, 995-1006.	2.2	31
16	Antimicrobial activity of conventional and plant-extract disinfectant solutions on microbial biofilms on a maxillofacial polymer surface. Journal of Prosthetic Dentistry, 2016, 116, 136-143.	2.8	30
17	Influence of human dentine on the antibacterial activity of self-etching adhesive systems against cariogenic bacteria. Journal of Dentistry, 2008, 36, 241-248.	4.1	29
18	Cytotoxicity and antimicrobial effects of citronella oil (Cymbopogon nardus) and commercial mouthwashes on S. aureus and C. albicans biofilms in prosthetic materials. Archives of Oral Biology, 2020, 109, 104577.	1.8	26

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19	Effects of Lactobacillus reuteri as an adjunct to the treatment of periodontitis in smokers: randomised clinical trial. Beneficial Microbes, 2019, 10, 375-384.	2.4	25
20	Mechanical and biological characterization of resin-modified glass-ionomer cement containing doxycycline hyclate. Archives of Oral Biology, 2012, 57, 131-138.	1.8	24
21	Interplay Among the Oral Microbiome, Oral Cavity Conditions, the Host Immune Response, Diabetes Mellitus, and Its Associated-Risk Factorsâ€"An Overview. Frontiers in Oral Health, 2021, 2, 697428.	3.0	24
22	Effectiveness of Fluorescence-based Methods in Monitoring Progression of Noncavitated Caries-like Lesions on Smooth Surfaces. Operative Dentistry, 2015, 40, E230-E241.	1.2	23
23	Curcumin photodynamic effect in the treatment of the induced periodontitis in rats. Lasers in Medical Science, 2017, 32, 1783-1791.	2.1	23
24	KR-12-a5 is a non-cytotoxic agent with potent antimicrobial effects against oral pathogens. Biofouling, 2017, 33, 807-818.	2.2	23
25	In vitro and in vivo evaluations of glass-ionomer cement containing chlorhexidine for Atraumatic Restorative Treatment. Journal of Applied Oral Science, 2017, 25, 541-550.	1.8	23
26	Genotypic diversity and phenotypic traits of Streptococcus mutans isolates and their relation to severity of early childhood caries. BMC Oral Health, 2017, 17, 115.	2.3	23
27	Quantitative assessment of salivary oral bacteria according to the severity of dental caries in childhood. Archives of Oral Biology, 2017, 83, 282-288.	1.8	22
28	Adhesion and invasion ofCandida albicansfrom periodontal pockets of patients with chronic periodontitis and diabetes to gingival human fibroblasts. Medical Mycology, 2012, 50, 43-49.	0.7	21
29	Highlights in Peptide Nanoparticle Carriers Intended to Oral Diseases. Current Topics in Medicinal Chemistry, 2015, 15, 345-355.	2.1	21
30	Effect of lowâ€level laser therapy as an adjuvant in the treatment of periodontitis induced in rats subjected to 5â€fluorouracil chemotherapy. Journal of Periodontal Research, 2016, 51, 669-680.	2.7	20
31	Streptococcus Mutans Biofilm Influences on the Antimicrobial Properties of Glass Ionomer Cements. Brazilian Dental Journal, 2016, 27, 681-687.	1.1	19
32	Microbiological, lipid and immunological profiles in children with gingivitis and type 1 diabetes mellitus. Journal of Applied Oral Science, 2017, 25, 217-226.	1.8	19
33	Development and characterization of p1025-loaded bioadhesive liquid-crystalline system for the prevention of Streptococcus mutans biofilms. International Journal of Nanomedicine, 2018, Volume 13, 31-41.	6.7	19
34	A preliminary comparison between the effects of red and infrared laser irradiation on viability and proliferation of SHED. Lasers in Medical Science, 2019, 34, 465-471.	2.1	19
35	Comparative in vitro investigation of the cariogenic potential of bifidobacteria. Archives of Oral Biology, 2016, 71, 97-103.	1.8	18
36	Antibacterial and Antitubercular Activities of Cinnamylideneacetophenones. Molecules, 2017, 22, 1685.	3.8	17

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37	Staphylococcus Aureus Contamination in a Pediatric Dental Clinic. Journal of Clinical Pediatric Dentistry, 2009, 34, 13-18.	1.0	16
38	Relationship between the IgA antibody response against Streptococcus mutans GbpB and severity of dental caries in childhood. Archives of Oral Biology, 2016, 67, 22-27.	1.8	16
39	Multiple aPDT sessions on periodontitis in rats treated with chemotherapy: histomorphometrical, immunohistochemical, immunological and microbiological analyses. Photodiagnosis and Photodynamic Therapy, 2019, 25, 92-102.	2.6	16
40	Influence of VicRK and CovR on the interactions of Streptococcus mutans with phagocytes. Oral Diseases, 2012, 18, 485-493.	3.0	15
41	Different bacterial models forin vitroinduction of non-cavitated enamel caries-like lesions: Microhardness and polarized light miscroscopy analyses. Microscopy Research and Technique, 2015, 78, 444-451.	2.2	15
42	Antibacterial activity of 3,3â€²-dihydroxycurcumin (DHC) is associated with membrane perturbation. Bioorganic Chemistry, 2019, 90, 103031.	4.1	14
43	Ion release, antimicrobial and physio-mechanical properties of glass ionomer cement containing micro or nanosized hexametaphosphate, and their effect on enamel demineralization. Clinical Oral Investigations, 2019, 23, 2345-2354.	3.0	14
44	Antagonist effect of probiotic bifidobacteria on biofilms of pathogens associated with periodontal disease. Microbial Pathogenesis, 2021, 150, 104657.	2.9	14
45	Chronology of Deciduous Teeth Eruption in Children with Cleft Lip and Palate. Cleft Palate-Craniofacial Journal, 2004, 41, 285-289.	0.9	12
46	Prevalence of periodontopathogens and Candida spp. in smokers after nonsurgical periodontal therapy â€“ a pilot study. Brazilian Oral Research, 2016, 30, e92.	1.4	12
47	Effects of multiple sessions of antimicrobial photodynamic therapy (aPDT) in the treatment of periodontitis in patients with uncompensated type 2 diabetes: A randomized controlled clinical study. Photodiagnosis and Photodynamic Therapy, 2021, 35, 102451.	2.6	12
48	Inhibitory Effect of a KSL-W Peptide-Loaded Poloxamer 407-Based Microemulsions for Buccal Delivery on Fusobacterium nucleatum Biofilm. Journal of Biomedical Nanotechnology, 2020, 16, 390-397.	1.1	12
49	Antibacterial Activity of Isobavachalcone (IBC) Is Associated with Membrane Disruption. Membranes, 2022, 12, 269.	3.0	12
50	Antimicrobial Activity and Biocompatibility of the Psidium cattleianum Extracts for Endodontic Purposes. Brazilian Dental Journal, 2017, 28, 372-379.	1.1	11
51	In vitro evaluation of microbial adhesion on the different surface roughness of acrylic resin specific for ocular prosthesis. European Journal of Dentistry, 2018, 12, 176-183.	1.7	11
52	Cytocompatibility and Synergy of EGCG and Cationic Peptides Against Bacteria Related to Endodontic Infections, in Planktonic and Biofilm Conditions. Probiotics and Antimicrobial Proteins, 2021, 13, 1808-1819.	3.9	11
53	Effect of Restorative Technique and Thermal/Mechanical Treatment on Marginal Adaptation and Compressive Strength of Esthetic Restorations. Operative Dentistry, 2008, 33, 434-440.	1.2	10
54	Evaluation of two alternative methods for disinfection of toothbrushes and tongue scrapers. International Journal of Dental Hygiene, 2011, 9, 279-283.	1.9	10

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55	Incorporation of chlorhexidine and nano-sized sodium trimetaphosphate into a glass-ionomer cement: Effect on mechanical and microbiological properties and inhibition of enamel demineralization. Journal of Dentistry, 2019, 84, 81-88.	4.1	10
56	Sealing agent reduces formation of single and dual-species biofilms of Candida albicans and Enterococcus faecalis on screw joints at the abutment/implant interface. PLoS ONE, 2019, 14, e0223148.	2.5	9
57	Doxycycline-containing glass ionomer cement for arresting residual caries: an in vitro study and a pilot trial. Journal of Applied Oral Science, 2018, 26, e20170116.	1.8	8
58	Laser treatment contributes to maintain membrane integrity in stem cells from human exfoliated deciduous teeth (shed) under nutritional deficit. Lasers in Medical Science, 2019, 34, 15-21.	2.1	8
59	Effect of S. mutans combinations with bifidobacteria/lactobacilli on biofilm and enamel demineralization. Brazilian Oral Research, 2021, 35, e030.	1.4	8
60	Effect of analogues of cationic peptides on dentin mineralization markers in odontoblast-like cells. Archives of Oral Biology, 2019, 103, 19-25.	1.8	6
61	Cytotoxicity and effects of curcumin and cinnamaldehyde hybrids on biofilms of oral pathogens. Biofouling, 2021, 37, 591-605.	2.2	6
62	Exploring the Interplay Between Oral Diseases, Microbiome, and Chronic Diseases Driven by Metabolic Dysfunction in Childhood. Frontiers in Dental Medicine, 2021, 2, .	1.4	6
63	Genetic and physiological effects of subinhibitory concentrations of oral antimicrobial agents on Streptococcus mutans biofilms. Microbial Pathogenesis, 2021, 150, 104669.	2.9	5
64	Impact of a Tutored Theoretical-Practical Training to Develop Undergraduate Studentsâ€™ Skills for the Detection of Caries Lesions: Study Protocol for a Multicenter Controlled Randomized Study. JMIR Research Protocols, 2017, 6, e155.	1.0	5
65	Tooth ankylosis in deciduous teeth of children with cleft lip and/or palate. Brazilian Oral Research, 2004, 18, 329-332.	1.4	4
66	Takayasu's arteritis: what should the dentist know?. International Journal of Paediatric Dentistry, 2005, 15, 113-117.	1.8	4
67	Effect of taxifolin and epigallocatechin-3-gallate on biomineralization potential of stem cells from dental apical papilla. Archives of Oral Biology, 2022, 138, 105413.	1.8	4
68	Frequency of Porphyromonas gingivalis fimA in smokers and nonsmokers after periodontal therapy. Journal of Applied Oral Science, 2019, 27, e20180205.	1.8	3
69	Effect of photopolymerized glaze application on bacterial adhesion on ocular acrylic resin surfaces submitted to accelerated ageing. Letters in Applied Microbiology, 2019, 68, 120-127.	2.2	2
70	Dose- and time-dependent effects of taxifolin on viability and mineralization markers of osteoblast-like cells. Brazilian Oral Research, 2021, 35, e140.	1.4	2
71	Gene expression of inflammatory immune factors and clinical parameters in diabetes and nondiabetes patients with periodontal disease. Research, Society and Development, 2022, 11, e17711124185.	0.1	2
72	Antagonistic effect of isolated and commercially available probiotics on the growth of Candida albicans on acrylic resin denture surfaces. Journal of Prosthetic Dentistry, 2020, , .	2.8	1

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73	Antibiofilm and cytotoxic effect of 3,3â€²-dihydroxycurcumin (DHC) as photosensitizer agent in antimicrobial photodynamic therapy for endodontic purposes. Photodiagnosis and Photodynamic Therapy, 2021, 36, 102534.	2.6	1
74	Periodontopathogens, Candida spp. and immunological aspects in type 2 diabetes mellitus patients with chronic periodontitis. Brazilian Journal of Oral Sciences, 2017, 15, 226.	0.1	1
75	InfluÃªncia da infecÃ§Ã£o viral no processo de reparo das lesÃµes periapicais: uma revisÃ£o narrativa. Research, Society and Development, 2021, 10, e14210313134.	0.1	0
76	Effect of storage time and chlorhexidine addition on the mechanical properties of glass ionomer cements. Brazilian Journal of Oral Sciences, 0, 16, 1-9.	0.1	0
77	LL-37 and hBD-2 in the gingival crevicular fluid of smokers and nonsmokers with periodontitis. Universidade Estadual Paulista Revista De Odontologia, 0, 50, .	0.3	0
78	Short-term comparison between clinical and microbial profiles in diabetic and non-diabetic patients with chronic periodontitis after non-surgical periodontal therapy. Research, Society and Development, 2022, 11, e41711427270.	0.1	0