Bruno Bueno-Silva

List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	Role of Glucosyltransferase B in Interactions of Candida albicans with Streptococcus mutans and with an Experimental Pellicle on Hydroxyapatite Surfaces. Applied and Environmental Microbiology, 2011, 77, 6357-6367.	3.1	162
2	Chemical Composition and Botanical Origin of Red Propolis, a New Type of Brazilian Propolis. Evidence-based Complementary and Alternative Medicine, 2008, 5, 313-316.	1.2	151
3	Anti-Inflammatory and Antimicrobial Evaluation of Neovestitol and Vestitol Isolated from Brazilian Red Propolis. Journal of Agricultural and Food Chemistry, 2013, 61, 4546-4550.	5.2	151
4	The effect of seasons on Brazilian red propolis and its botanical source: chemical composition and antibacterial activity. Natural Product Research, 2017, 31, 1318-1324.	1.8	99
5	Chemical Characterization and Antioxidant, Antimicrobial, and Anti-Inflammatory Activities of South Brazilian Organic Propolis. PLoS ONE, 2016, 11, e0165588.	2.5	88
6	Brazilian Red Propolis Attenuates Inflammatory Signaling Cascade in LPS-Activated Macrophages. PLoS ONE, 2015, 10, e0144954.	2.5	66
7	Mechanisms Involved in the Association between Periodontitis and Complications in Pregnancy. Frontiers in Public Health, 2014, 2, 290.	2.7	60
8	Effect of neovestitol–vestitol containing Brazilian red propolis on accumulation of biofilm <i>in vitro</i> and development of dental caries <i>in vivo</i> . Biofouling, 2013, 29, 1233-1242.	2.2	59
9	Biogenic synthesis and antimicrobial activity of silica-coated silver nanoparticles for esthetic dental applications. Journal of Dentistry, 2020, 96, 103327.	4.1	56
10	Novel Antibiofilm Chemotherapy Targets Exopolysaccharide Synthesis and Stress Tolerance in Streptococcus mutans To Modulate Virulence Expression <i>In Vivo</i> . Antimicrobial Agents and Chemotherapy, 2012, 56, 6201-6211.	3.2	55
11	Vestitol Isolated from Brazilian Red Propolis Inhibits Neutrophils Migration in the Inflammatory Process: Elucidation of the Mechanism of Action. Journal of Natural Products, 2016, 79, 954-960.	3.0	49
12	Neovestitol, an isoflavonoid isolated from Brazilian red propolis, reduces acute and chronic inflammation: involvement of nitric oxide and IL-6. Scientific Reports, 2016, 6, 36401.	3.3	47
13	Brazilian red propolis effects on peritoneal macrophage activity: Nitric oxide, cell viability, pro-inflammatory cytokines and gene expression. Journal of Ethnopharmacology, 2017, 207, 100-107.	4.1	45
14	Main pathways of action of Brazilian red propolis on the modulation of neutrophils migration in the inflammatory process. Phytomedicine, 2016, 23, 1583-1590.	5.3	44
15	Prediction of rapid maxillary expansion by assessing the maturation of the midpalatal suture on cone beam CT. Dental Press Journal of Orthodontics, 2016, 21, 115-125.	0.9	39
16	COVIDâ€19 pandemic and its impact on dental students: A multiâ€institutional survey. Journal of Dental Education, 2021, 85, 1280-1286.	1.2	32
17	Bioactive Fraction of Geopropolis from <i>Melipona scutellaris</i> Decreases Neutrophils Migration in the Inflammatory Process: Involvement of Nitric Oxide Pathway. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-9.	1.2	31
18	Brazilian red propolis reduces orange-complex periodontopathogens growing in multispecies biofilms. Biofouling, 2019, 35, 308-319.	2.2	30

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19	Brazilian red propolis exhibits antiparasitic properties in vitro and reduces worm burden and egg production in an mouse model harboring either early or chronic Schistosoma mansoni infection. Journal of Ethnopharmacology, 2021, 264, 113387.	4.1	30
20	Anti-inflammatory mechanisms of neovestitol from Brazilian red propolis in LPS-activated macrophages. Journal of Functional Foods, 2017, 36, 440-447.	3.4	29
21	Probiotic Bacteria Alter Pattern-Recognition Receptor Expression and Cytokine Profile in a Human Macrophage Model Challenged with Candida albicans and Lipopolysaccharide. Frontiers in Microbiology, 2017, 8, 2280.	3.5	28
22	The Effect of Essential Oils and Bioactive Fractions on <i>Streptococcus mutans</i> and <i>Candida albicans</i> Biofilms: A Confocal Analysis. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-9.	1.2	27
23	Abilities of berberine and chemically modified berberines to interact with metformin and inhibit proliferation of pancreatic cancer cells. Advances in Biological Regulation, 2019, 73, 100633.	2.3	25
24	Inactivation of the <i>spxA1</i> or <i>spxA2</i> gene of <i>Streptococcus mutans</i> decreases virulence in the rat caries model. Molecular Oral Microbiology, 2017, 32, 142-153.	2.7	24
25	Brazilian Red Propolis Is as Effective as Amoxicillin in Controlling Red-Complex of Multispecies Subgingival Mature Biofilm In Vitro. Antibiotics, 2020, 9, 432.	3.7	21
26	Isoflavonoids from Brazilian red propolis downâ€regulate the expression of cancerâ€related target proteins: A pharmacogenomic analysis. Phytotherapy Research, 2018, 32, 750-754.	5.8	20
27	Apolar Bioactive Fraction of <i>Melipona scutellaris</i> Geopropolis on <i>Streptococcus mutans</i> Biofilm. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-7.	1.2	19
28	Do patients with aggressive and chronic periodontitis exhibit specific differences in the subgingival microbial composition? A systematic review. Journal of Periodontology, 2020, 91, 1503-1520.	3.4	19
29	In Vitro Antimicrobial Effect of Cetylpyridinium Chloride on Complex Multispecies Subgingival Biofilm. Brazilian Dental Journal, 2020, 31, 103-108.	1.1	17
30	Additive manufacturing of titanium alloy could modify the pathogenic microbial profile: an in vitro study. Brazilian Oral Research, 2019, 33, e065.	1.4	16
31	MOF-Based Erodible System for On-Demand Release of Bioactive Flavonoid at the Polymer–Tissue Interface. ACS Biomaterials Science and Engineering, 2020, 6, 4539-4550.	5.2	15
32	Vestitol drives LPS-activated macrophages into M2 phenotype through modulation of NF-κB pathway. International Immunopharmacology, 2020, 82, 106329.	3.8	14
33	Alteration of Homeostasis in Pre-osteoclasts Induced by Aggregatibacter actinomycetemcomitans CDT. Frontiers in Cellular and Infection Microbiology, 2016, 6, 33.	3.9	11
34	Effects of the MDM-2 inhibitor Nutlin-3a on PDAC cells containing and lacking WT-TP53 on sensitivity to chemotherapy, signal transduction inhibitors and nutraceuticals. Advances in Biological Regulation, 2019, 72, 22-40.	2.3	10
35	Abilities of β-Estradiol to interact with chemotherapeutic drugs, signal transduction inhibitors and nutraceuticals and alter the proliferation of pancreatic cancer cells. Advances in Biological Regulation, 2020, 75, 100672.	2.3	9
36	Antimicrobial effects of a pulsed electromagnetic field: an <i>inÂvitro</i> polymicrobial periodontal subgingival biofilm model. Biofouling, 2020, 36, 862-869.	2.2	8

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37	Metabolic activity of hydro-carbon-oxo-borate on a multispecies subgingival periodontal biofilm: a short communication. Clinical Oral Investigations, 2021, 25, 5945-5953.	3.0	8
38	Levels of Gene Expression of Immunological Biomarkers in Peri-Implant and Periodontal Tissues. International Journal of Environmental Research and Public Health, 2020, 17, 9100.	2.6	6
39	Incorporation of Apigenin and tt-Farnesol into dental composites to modulate the Streptococcus mutans virulence. Dental Materials, 2021, 37, e201-e212.	3.5	6
40	The effect of Brazilian propolis type-3 against oral microbiota and volatile sulfur compounds in subjects with morning breath malodor. Clinical Oral Investigations, 2022, 26, 1531-1541.	3.0	5
41	Experimental composite containing silicon dioxide-coated silver nanoparticles for orthodontic bonding: Antimicrobial activity and shear bond strength. Dental Press Journal of Orthodontics, 2022, 27, .	0.9	4
42	Development of a multispecies periodontal biofilm model within a stirred bioreactor. Biofouling, 2020, 36, 725-735.	2.2	3
43	Anti-Inflammatory Effects of (3S)-Vestitol on Peritoneal Macrophages. Pharmaceuticals, 2022, 15, 553.	3.8	3
44	Vestitol and neovestitol from Brazilian red propolis reduce leukocytes adhesion in the inflammatory process. Planta Medica, 2014, 80, .	1.3	2
45	PD162: Antimicrobial effects of pulsed electromagnetic field: in-vitro polymicrobial periodontal subgingival biofilm model. Journal of Clinical Periodontology, 2018, 45, 100-100.	4.9	1
46	Red Propolis: Phenolics, Polyphenolics, and Applications to Microbiological Health and Disease. , 2018, , 293-300.		1
47	PROSPECÇÃO TECNOLÓGICA DA PRÓPOLIS E SUAS APLICAÇÕES NO CENÃRIO INTERNACIONAL NOS ÚLTIN 20 ANOS. Recima21: Revista CientÃfica Multidisciplinar, 2021, 2, e27547.	105	1
48	TARDE DO SABER. Revista Educaïį½ïį½o - UNG-Ser, 2020, 15, 108.	0.0	0
49	Streptococcus mutans adherence to conventional and self-ligating brackets: an in vitro study. Dental Press Journal of Orthodontics, 2021, 26, e212019.	0.9	0
50	Characterization and Growth Kinetics of a Multispecies Periodontal Biofilm Developed in a Stirred	0.3	0

Bioreactor. Advanced Science, Engineering and Medicine, 2020, 12, 1347-1352.