

Debora Barros Barbosa

List of Publications by Year in descending order

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47
papers

2,277
citations

304743

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docs citations

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times ranked

3194
citing authors

#	ARTICLE	IF	CITATIONS
1	The growing importance of materials that prevent microbial adhesion: antimicrobial effect of medical devices containing silver. <i>International Journal of Antimicrobial Agents</i> , 2009, 34, 103-110.	2.5	665
2	Silver colloidal nanoparticles: antifungal effect against adhered cells and biofilms of <i>Candida albicans</i> and <i>Candida glabrata</i> . <i>Biofouling</i> , 2011, 27, 711-719.	2.2	186
3	Silver Distribution and Release from an Antimicrobial Denture Base Resin Containing Silver Colloidal Nanoparticles. <i>Journal of Prosthodontics</i> , 2012, 21, 7-15.	3.7	135
4	Silver nanoparticles: influence of stabilizing agent and diameter on antifungal activity against <i>Candida albicans</i> and <i>Candida glabrata</i> biofilms. <i>Letters in Applied Microbiology</i> , 2012, 54, 383-391.	2.2	94
5	Antifungal activity of silver nanoparticles in combination with nystatin and chlorhexidine digluconate against <i>Candida albicans</i> and <i>Candida glabrata</i> biofilms. <i>Mycoses</i> , 2013, 56, 672-680.	4.0	83
6	The effect of silver nanoparticles and nystatin on mixed biofilms of <i>Candida glabrata</i> and <i>Candida albicans</i> on acrylic. <i>Medical Mycology</i> , 2013, 51, 178-184.	0.7	72
7	Biofilm formation by <i>Candida albicans</i> and <i>Streptococcus mutans</i> in the presence of farnesol: a quantitative evaluation. <i>Biofouling</i> , 2016, 32, 329-338.	2.2	63
8	The effect of polymerization cycles on porosity of microwave-processed denture base resin. <i>Journal of Prosthetic Dentistry</i> , 2004, 91, 281-285.	2.8	58
9	Relationship between <i>Candida</i> and nocturnal denture wear: quantitative study. <i>Journal of Oral Rehabilitation</i> , 2007, 34, 600-605.	3.0	58
10	Silver colloidal nanoparticles: effect on matrix composition and structure of <i>Candida albicans</i> and <i>Candida glabrata</i> biofilms. <i>Journal of Applied Microbiology</i> , 2013, 114, 1175-1183.	3.1	54
11	Flexural strength of acrylic resins polymerized by different cycles. <i>Journal of Applied Oral Science</i> , 2007, 15, 424-428.	1.8	52
12	Susceptibility of <i>Candida albicans</i> and <i>Candida glabrata</i> biofilms to silver nanoparticles in intermediate and mature development phases. <i>Journal of Prosthodontic Research</i> , 2015, 59, 42-48.	2.8	50
13	Activity of tyrosol against single and mixed-species oral biofilms. <i>Journal of Applied Microbiology</i> , 2016, 120, 1240-1249.	3.1	50
14	In Vitro and In Vivo Toxicity Evaluation of Colloidal Silver Nanoparticles Used in Endodontic Treatments. <i>Journal of Endodontics</i> , 2016, 42, 953-960.	3.1	50
15	Evaluation of the Bond Strength of Denture Base Resins to Acrylic Resin Teeth: Effect of Thermocycling. <i>Journal of Prosthodontics</i> , 2009, 18, 438-443.	3.7	44
16	Antifungal activity of tyrosol and farnesol used in combination against <i>Candida</i> species in the planktonic state or forming biofilms. <i>Journal of Applied Microbiology</i> , 2017, 123, 392-400.	3.1	41
17	Bond strength of denture teeth to acrylic resin: effect of thermocycling and polymerisation methods. <i>Gerodontology</i> , 2008, 25, 237-244.	2.0	37
18	Biocompatible silver nanoparticles incorporated in acrylic resin for dental application inhibit <i>Candida albicans</i> biofilm. <i>Materials Science and Engineering C</i> , 2021, 118, 111341.	7.3	37

#	ARTICLE	IF	CITATIONS
19	Effect of monomer treatment and polymerisation methods on the bond strength of resin teeth to denture base material. <i>Gerodontology</i> , 2009, 26, 225-231.	2.0	35
20	Effect of tyrosol on adhesion of <i>Candida albicans</i> and <i>Candida glabrata</i> to acrylic surfaces. <i>Medical Mycology</i> , 2015, 53, 656-665.	0.7	31
21	Oral health-related quality of life and satisfaction before and after treatment with complete dentures in a Dental School in Brazil. <i>Journal of Prosthodontic Research</i> , 2013, 57, 36-41.	2.8	27
22	Complete denture wearing and fractures among edentulous patients treated in university clinics. <i>Gerodontology</i> , 2012, 29, e728-34.	2.0	24
23	Influence of Microwave Polymerization Method and Thickness on Porosity of Acrylic Resin. <i>Journal of Prosthodontics</i> , 2008, 17, 125-129.	3.7	23
24	Antimicrobial Potential and Cytotoxicity of Silver Nanoparticles Phytosynthesized by Pomegranate Peel Extract. <i>Antibiotics</i> , 2018, 7, 51.	3.7	23
25	Changes in occlusal vertical dimension in microwave processing of complete dentures. <i>Brazilian Dental Journal</i> , 2002, 13, 197-200.	1.1	22
26	Silver colloidal nanoparticle stability: influence on <i>Candida</i> biofilms formed on denture acrylic. <i>Medical Mycology</i> , 2014, 52, 627-635.	0.7	22
27	Virulence Factors in <i>Candida albicans</i> and <i>Streptococcus mutans</i> Biofilms Mediated by Farnesol. <i>Indian Journal of Microbiology</i> , 2018, 58, 138-145.	2.7	22
28	Nanosynthesis of Silver-Calcium Glycerophosphate: Promising Association against Oral Pathogens. <i>Antibiotics</i> , 2018, 7, 52.	3.7	22
29	Complete denture hygiene and nocturnal wearing habits among patients attending the Prosthodontic Department in a Dental University in Brazil. <i>Gerodontology</i> , 2011, 28, 91-96.	2.0	21
30	Green synthesis of silver nanoparticles combined to calcium glycerophosphate: antimicrobial and antibiofilm activities. <i>Future Microbiology</i> , 2018, 13, 345-357.	2.0	21
31	Effect of synthetic colloidal nanoparticles in acrylic resin of dental use. <i>European Polymer Journal</i> , 2019, 112, 531-538.	5.4	20
32	Effect of storage in artificial saliva and thermal cycling on Knoop hardness of resin denture teeth. <i>Journal of Prosthodontic Research</i> , 2010, 54, 123-127.	2.8	19
33	Kinesiographic study of mandibular movements during functional adaptation to complete dentures. <i>Journal of Applied Oral Science</i> , 2003, 11, 311-318.	1.8	17
34	Adhesion of <i>Candida</i> biofilm cells to human epithelial cells and polystyrene after treatment with silver nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 114, 410-412.	5.0	17
35	Differential effects of the combination of tyrosol with chlorhexidine gluconate on oral biofilms. <i>Oral Diseases</i> , 2017, 23, 537-541.	3.0	17
36	Sodium trimetaphosphate and hexametaphosphate impregnated with silver nanoparticles: characteristics and antimicrobial efficacy. <i>Biofouling</i> , 2018, 34, 299-308.	2.2	15

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37	Measurement of Interfacial Porosity at the Acrylic Resin/Denture Tooth Interface. Journal of Prosthodontics, 2010, 19, 42-46.	3.7	9
38	Antimicrobial Activity of Compounds Containing Silver Nanoparticles and Calcium Glycerophosphate in Combination with Tyrosol. Indian Journal of Microbiology, 2019, 59, 147-153.	2.7	9
39	Effect of methyl methacrylate monomer on bond strength of denture base resin to acrylic teeth. International Journal of Adhesion and Adhesives, 2009, 29, 391-395.	2.9	8
40	Role of tyrosol on Candida albicans, Candida glabrata and Streptococcus mutans biofilms developed on different surfaces. American Journal of Dentistry, 2017, 30, 35-39.	0.1	8
41	Study of the activity of Punica granatum-mediated silver nanoparticles against Candida albicans and Candida glabrata, alone or in combination with azoles or polyenes. Medical Mycology, 2020, 58, 564-567.	0.7	6
42	Green and Chemical Silver Nanoparticles and Pomegranate Formulations to Heal Infected Wounds in Diabetic Rats. Antibiotics, 2021, 10, 1343.	3.7	4
43	Nanostructured Functional Materials: Silver Nanoparticles in Polymer for the Generation of Antimicrobial Characteristics. , 2017, , 271-292.		3
44	Silver and phosphate nanoparticles: Antimicrobial approach and caries prevention application. , 2019, , 225-242.		2
45	Resistência de união entre dentes artificiais e resinas acrílicas para base protética. Polimeros, 2007, 17, 194-200.	0.7	1
46	Silver Nanoparticles to Fight Candida Coinfection in the Oral Cavity. , 2015, , 283-295.		0
47	Silver and Polyphosphate Nanoparticles. , 0, , 7263-7274.		0