

Douglas Roberto Monteiro

List of Publications by Year in descending order

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62
papers

2,816
citations

279701

23
h-index

175177

52
g-index

64
all docs

64
docs citations

64
times ranked

4155
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.	1.1	665
2	Iron Oxide Nanoparticles for Biomedical Applications: A Perspective on Synthesis, Drugs, Antimicrobial Activity, and Toxicity. <i>Antibiotics</i> , 2018, 7, 46.	1.5	428
3	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.	0.8	186
4	Silver Distribution and Release from an Antimicrobial Denture Base Resin Containing Silver Colloidal Nanoparticles. <i>Journal of Prosthodontics</i> , 2012, 21, 7-15.	1.7	135
5	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.	1.0	94
6	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.	1.8	83
7	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.	0.3	72
8	Use of Stress Analysis Methods to Evaluate the Biomechanics of Oral Rehabilitation With Implants. <i>Journal of Oral Implantology</i> , 2014, 40, 217-228.	0.4	67
9	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.	0.8	63
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.	1.4	54
11	Relationship between anxiety and chronic orofacial pain of temporomandibular disorder in a group of university students. <i>Journal of Prosthodontic Research</i> , 2011, 55, 154-158.	1.1	51
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.	1.1	50
13	Activity of tyrosol against single and mixed-species oral biofilms. <i>Journal of Applied Microbiology</i> , 2016, 120, 1240-1249.	1.4	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.	1.4	50
15	Antibiofilm effect of chlorhexidine-carrier nanosystem based on iron oxide magnetic nanoparticles and chitosan. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 174, 224-231.	2.5	42
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.	1.4	41
17	The role of nicotine, cotinine and caffeine on the electrochemical behavior and bacterial colonization to cp-Ti. <i>Materials Science and Engineering C</i> , 2015, 56, 114-124.	3.8	40
18	Bond strength of denture teeth to acrylic resin: effect of thermocycling and polymerisation methods. <i>Gerodontology</i> , 2008, 25, 237-244.	0.8	37

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19	Novel nanocarrier of miconazole based on chitosan-coated iron oxide nanoparticles as a nanotherapy to fight <i>Candida</i> biofilms. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 192, 111080.	2.5	37
20	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.	3.8	37
21	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.	0.8	35
22	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.	0.3	31
23	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.	1.1	27
24	Complete denture wearing and fractures among edentulous patients treated in university clinics. <i>Gerodontology</i> , 2012, 29, e728-34.	0.8	24
25	Retention Systems to Implant-Supported Craniofacial Protheses. <i>Journal of Craniofacial Surgery</i> , 2009, 20, 889-891.	0.3	23
26	Silver colloidal nanoparticle stability: influence on <i>Candida</i> biofilms formed on denture acrylic. <i>Medical Mycology</i> , 2014, 52, 627-635.	0.3	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.	1.5	22
28	Nanosynthesis of Silver-Calcium Glycerophosphate: Promising Association against Oral Pathogens. <i>Antibiotics</i> , 2018, 7, 52.	1.5	22
29	Chitosan Ameliorates <i>Candida auris</i> Virulence in a <i>Galleria mellonella</i> Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	22
30	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.	0.8	21
31	Effect of synthetic colloidal nanoparticles in acrylic resin of dental use. <i>European Polymer Journal</i> , 2019, 112, 531-538.	2.6	20
32	Posterior partially edentulous jaws, planning a rehabilitation with dental implants. <i>World Journal of Clinical Cases</i> , 2015, 3, 65.	0.3	18
33	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.	2.5	17
34	Differential effects of the combination of tyrosol with chlorhexidine gluconate on oral biofilms. <i>Oral Diseases</i> , 2017, 23, 537-541.	1.5	17
35	Antimicrobial, antibiofilm and cytotoxic effects of a colloidal nanocarrier composed by chitosan-coated iron oxide nanoparticles loaded with chlorhexidine. <i>Journal of Dentistry</i> , 2020, 101, 103453.	1.7	17
36	pH changes of mixed biofilms of <i>Streptococcus mutans</i> and <i>Candida albicans</i> after exposure to sucrose solutions in vitro. <i>Archives of Oral Biology</i> , 2018, 90, 9-12.	0.8	16

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37	Interactions between <i>Candida albicans</i> and <i>Candida glabrata</i> in biofilms: Influence of the strain type, culture medium and glucose supplementation. <i>Mycoses</i> , 2018, 61, 270-278.	1.8	15
38	Activity of sodium trimetaphosphate, associated or not with fluoride, on dual-species biofilms. <i>Biofouling</i> , 2019, 35, 710-718.	0.8	15
39	Passivity in Implant-Supported Prosthesis. <i>Journal of Craniofacial Surgery</i> , 2010, 21, 2026-2029.	0.3	13
40	Assembly and antifungal effect of a new fluconazole-carrier nanosystem. <i>Future Microbiology</i> , 2020, 15, 273-285.	1.0	13
41	A nanocarrier system that potentiates the effect of miconazole within different interkingdom biofilms. <i>Journal of Oral Microbiology</i> , 2020, 12, 1771071.	1.2	12
42	Novel Colloidal Nanocarrier of Cetylpyridinium Chloride: Antifungal Activities on <i>Candida</i> Species and Cytotoxic Potential on Murine Fibroblasts. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 218.	1.5	12
43	Effects of Antifungal Carriers Based on Chitosan-Coated Iron Oxide Nanoparticles on Microcosm Biofilms. <i>Antibiotics</i> , 2021, 10, 588.	1.5	12
44	Oral prosthetic microbiology: aspects related to the oral microbiome, surface properties, and strategies for controlling biofilms. <i>Biofouling</i> , 2021, 37, 353-371.	0.8	11
45	Nanocarriers of Miconazole or Fluconazole: Effects on Three-Species <i>Candida</i> Biofilms and Cytotoxic Effects In Vitro. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 500.	1.5	11
46	Antimicrobial Activity of Compounds Containing Silver Nanoparticles and Calcium Glycerophosphate in Combination with Tyrosol. <i>Indian Journal of Microbiology</i> , 2019, 59, 147-153.	1.5	9
47	Effects of Sodium Trimetaphosphate, Associated or Not with Fluoride, on the Composition and pH of Mixed Biofilms, before and after Exposure to Sucrose. <i>Caries Research</i> , 2020, 54, 358-368.	0.9	9
48	Role of tyrosol on <i>Candida albicans</i> , <i>Candida glabrata</i> and <i>Streptococcus mutans</i> biofilms developed on different surfaces. <i>American Journal of Dentistry</i> , 2017, 30, 35-39.	0.1	8
49	Antimicrobial action of NeoMTA Plus on mono- and dual-species biofilms of <i>Enterococcus faecalis</i> and <i>Candida albicans</i> : An in vitro study. <i>Archives of Oral Biology</i> , 2020, 120, 104925.	0.8	7
50	Effect of sodium hexametaphosphate and fluoride on dual-species biofilms of <i>Candida albicans</i> and <i>Streptococcus mutans</i> . <i>Biofouling</i> , 2021, 37, 939-948.	0.8	7
51	Salivary biomarkers of oxidative stress in children with dental caries: Systematic review and meta-analysis. <i>Archives of Oral Biology</i> , 2022, 139, 105432.	0.8	7
52	Effects of nano-sized sodium hexametaphosphate on the viability, metabolism, matrix composition, and structure of dual-species biofilms of <i>Streptococcus mutans</i> and <i>Candida albicans</i> . <i>Biofouling</i> , 2022, 38, 321-330.	0.8	4
53	The importance of preventing and controlling biofilm in wounds. , 2016, , 79-105.		3
54	Nanostructured Functional Materials: Silver Nanoparticles in Polymer for the Generation of Antimicrobial Characteristics. , 2017, , 271-292.		3

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55	Calcium glycerophosphate and fluoride affect the pH and inorganic composition of dual-species biofilms of <i>Streptococcus mutans</i> and <i>Candida albicans</i> . <i>Journal of Dentistry</i> , 2021, 115, 103844.	1.7	3
56	Silver and phosphate nanoparticles: Antimicrobial approach and caries prevention application. , 2019, , 225-242.		2
57	Effects of sodium hexametaphosphate microparticles or nanoparticles on the growth of saliva-derived microcosm biofilms. <i>Clinical Oral Investigations</i> , 2022, 26, 5733-5740.	1.4	2
58	Silver and Phosphate Nanoparticles. , 2013, , 187-202.		1
59	Clinical Satisfaction and Quality of Ceramic Fixed Dentures. <i>International Journal of Applied Ceramic Technology</i> , 2014, 11, 100-105.	1.1	1
60	Silver Nanoparticles to Fight <i>Candida</i> Coinfection in the Oral Cavity. , 2015, , 283-295.		0
61	Silver and Polyphosphate Nanoparticles. , 0, , 7263-7274.		0
62	An overview of Dentistry during and after the COVID-19 pandemic period in Brazil. <i>Research, Society and Development</i> , 2022, 11, e28011323419.	0.0	0