

Luiz Fernando Fernando Gorup

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,821
citations

471509

17
h-index

377865

34
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41
all docs

41
docs citations

41
times ranked

2898
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	Moderating effect of ammonia on particle growth and stability of quasi-monodisperse silver nanoparticles synthesized by the Turkevich method. <i>Journal of Colloid and Interface Science</i> , 2011, 360, 355-358.	9.4	89
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.	4.0	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.	0.7	72
8	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
9	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
10	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
11	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
12	Coupled electronic and morphologic changes in graphene oxide upon electrochemical reduction. <i>Carbon</i> , 2015, 91, 11-19.	10.3	25
13	Antimicrobial Potential and Cytotoxicity of Silver Nanoparticles Phytosynthesized by Pomegranate Peel Extract. <i>Antibiotics</i> , 2018, 7, 51.	3.7	23
14	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
15	Nanosynthesis of Silver-Calcium Glycerophosphate: Promising Association against Oral Pathogens. <i>Antibiotics</i> , 2018, 7, 52.	3.7	22
16	Effect of the addition of nano-sized sodium hexametaphosphate to fluoride toothpastes on tooth demineralization: an in vitro study. <i>Clinical Oral Investigations</i> , 2017, 21, 1821-1827.	3.0	21
17	Green synthesis of silver nanoparticles combined to calcium glycerophosphate: antimicrobial and antibiofilm activities. <i>Future Microbiology</i> , 2018, 13, 345-357.	2.0	21
18	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

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19	Sodium trimetaphosphate and hexametaphosphate impregnated with silver nanoparticles: characteristics and antimicrobial efficacy. Biofouling, 2018, 34, 299-308.	2.2	15
20	New Approach of the Oxidant Peroxo Method (OPM) Route to Obtain $Ti(OH)_4$ Nanoparticles with High Photocatalytic Activity under Visible Radiation. International Journal of Photoenergy, 2018, 2018, 1-10.	2.5	14
21	Anticaries effect of toothpaste with nano-sized sodium hexametaphosphate. Clinical Oral Investigations, 2019, 23, 3535-3542.	3.0	14
22	Kinetic Control of Microtubule Morphology Obtained by Assembling Gold Nanoparticles on Living Fungal Biotemplates. Bioconjugate Chemistry, 2016, 27, 2337-2345.	3.6	13
23	Synergy of Biodegradable Polymer Coatings with Quaternary Ammonium Salts Mediating Barrier Function Against Bacterial Contamination and Dehydration of Eggs. Food and Bioprocess Technology, 2020, 13, 2065-2081.	4.7	13
24	Enhanced reactivity of peroxo-modified surface of titanium dioxide nanoparticles used to synthesize ultrafine bismuth titanate powders at lower temperatures. Ceramics International, 2016, 42, 15767-15772.	4.8	12
25	Photoelectrochemical removal of 17β -estradiol using a RuO_2 -graphene electrode. Chemosphere, 2016, 162, 99-104.	8.2	11
26	Controlling the Electronic, Structural, and Optical Properties of Novel $MgTiO_3/LaNiO_3$ Nanostructured Films for Enhanced Optoelectronic Devices. ACS Applied Nano Materials, 2019, 2, 2612-2620.	5.0	11
27	Stability of di-butyl-dichalcogenide-capped gold nanoparticles: experimental data and theoretical insights. RSC Advances, 2020, 10, 6259-6270.	3.6	11
28	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
29	Nanostructured Assemblies of Gold and Silver Nanoparticles for Plasmon Enhanced Spectroscopy Using Living Biotemplates. Colloids and Interfaces, 2017, 1, 4.	2.1	8
30	Influence of deposition parameters on the structure and microstructure of $Bi_{12}TiO_{20}$ films obtained by pulsed laser deposition. Ceramics International, 2019, 45, 3510-3517.	4.8	8
31	Heterogeneous Microtubules of Self-assembled Silver and Gold Nanoparticles Using Alive Biotemplates. Materials Research, 2018, 21, .	1.3	4
32	Green and Chemical Silver Nanoparticles and Pomegranate Formulations to Heal Infected Wounds in Diabetic Rats. Antibiotics, 2021, 10, 1343.	3.7	4
33	The importance of preventing and controlling biofilm in wounds. , 2016, , 79-105.		3
34	Nanostructured Functional Materials: Silver Nanoparticles in Polymer for the Generation of Antimicrobial Characteristics. , 2017, , 271-292.		3
35	Caracterização físico-química de biocurativos de α -epidírmicos de Quitosana, Xantana e Beta-Glucana. Brazilian Journal of Health Review, 2020, 3, 5631-5650.	0.1	1
36	Silver Nanoparticles to Fight Candida Coinfection in the Oral Cavity. , 2015, , 283-295.		0

#	ARTICLE	IF	CITATIONS
37	Silver and Polyphosphate Nanoparticles. , 0, , 7263-7274.		0
38	Conductive nanopaints: A remarkable coating. , 2022, , 429-449.		0
39	Nanocatalysts for fuel cells. , 2022, , 579-604.		0