Bruna Egumi Nagay

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4754302/publications.pdf

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21	531	840776 11	713466 21
papers	citations	h-index	g-index

23	23	23	554
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Visible-Light-Induced Photocatalytic and Antibacterial Activity of TiO₂ Codoped with Nitrogen and Bismuth: New Perspectives to Control Implant-Biofilm-Related Diseases. ACS Applied Materials & Interfaces, 2019, 11, 18186-18202.	8.0	95
2	Targeting implant-associated infections: titanium surface loaded with antimicrobial. IScience, 2021, 24, 102008.	4.1	84
3	Functionalization of an experimental Ti-Nb-Zr-Ta alloy with a biomimetic coating produced by plasma electrolytic oxidation. Journal of Alloys and Compounds, 2019, 770, 1038-1048.	5.5	66
4	Targeting Pathogenic Biofilms: Newly Developed Superhydrophobic Coating Favors a Host-Compatible Microbial Profile on the Titanium Surface. ACS Applied Materials & Interfaces, 2020, 12, 10118-10129.	8.0	65
5	Fitting pieces into the puzzle: The impact of titanium-based dental implant surface modifications on bacterial accumulation and polymicrobial infections. Advances in Colloid and Interface Science, 2021, 298, 102551.	14.7	42
6	UV-photofunctionalization of a biomimetic coating for dental implants application. Materials Science and Engineering C, 2020, 110, 110657.	7.3	32
7	Cross-kingdom microbial interactions in dental implant-related infections: is Candida albicans a new villain?. IScience, 2022, 25, 103994.	4.1	18
8	Insight Into Corrosion of Dental Implants: From Biochemical Mechanisms to Designing Corrosion-Resistant Materials. Current Oral Health Reports, 2022, 9, 7-21.	1.6	17
9	Atomic layer deposition of TiO2, ZrO2 and TiO2/ZrO2 mixed oxide nanofilms on PMMA for enhanced biomaterial functionalization. Applied Surface Science, 2022, 578, 151891.	6.1	16
10	Photofunctionalization as a suitable approach to improve the osseointegration of implants in animal modelsâ€"A systematic review and metaâ€analysis. Clinical Oral Implants Research, 2020, 31, 785-802.	4.5	15
11	Long-term outcomes of different loading protocols for implant-supported mandibular overdentures: A systematic review and meta-analysis. Journal of Prosthetic Dentistry, 2021, 125, 732-745.	2.8	13
12	Copper source determines chemistry and topography of implant coatings to optimally couple cellular responses and antibacterial activity. Materials Science and Engineering C, 2022, 134, 112550.	7.3	12
13	In vitro analysis of different properties of acrylic resins for ocular prosthesis submitted to accelerated aging with or without photopolymerized glaze. Materials Science and Engineering C, 2016, 69, 995-1003.	7.3	11
14	Methylene blue and metformin photocatalytic activity of CeO2-Nb2O5 coatings is dependent on the treatment time of plasma electrolytic oxidation on titanium. Applied Surface Science Advances, 2021, 6, 100143.	6.8	11
15	Polymicrobial biofilms related to dental implant diseases: unravelling the critical role of extracellular biofilm matrix. Critical Reviews in Microbiology, 2023, 49, 370-390.	6.1	10
16	Antimicrobial and protective effects of non-thermal plasma treatments on the performance of a resinous liner. Archives of Oral Biology, 2020, 117, 104822.	1.8	6
17	Clinical efficacy of anodized dental implants for implantâ€supported prostheses after different loading protocols: A systematic review and metaâ€analysis. Clinical Oral Implants Research, 2021, 32, 1021-1040.	4.5	4
18	Race for Applicable Antimicrobial Dental Implant Surfaces to Fight Biofilm-Related Disease: Advancing in Laboratorial Studies vs Stagnation in Clinical Application. ACS Biomaterials Science and Engineering, 2022, 8, 3187-3198.	5.2	4

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19	Can Nonthermal Plasma Improve the Adhesion between Acrylic Resin for Ocular Prostheses and Siliconeâ€Based Relining Material?. Journal of Prosthodontics, 2019, 28, 692-700.	3.7	2
20	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
21	Do smokers have a different gingival crevicular fluid cytokine/chemokine profile than nonsmokers in clinically healthy periodontal sites? A systematic review and meta-analysis. Clinical Oral Investigations, 2022, 26, 1183-1197.	3.0	2