

Jairo Matozinhos Cordeiro

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

855
citations

706676

14
h-index

759306

22
g-index

28
all docs

28
docs citations

28
times ranked

1106
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper source determines chemistry and topography of implant coatings to optimally couple cellular responses and antibacterial activity. <i>Materials Science and Engineering C</i> , 2022, 134, 112550.	3.8	12
2	Insight Into Corrosion of Dental Implants: From Biochemical Mechanisms to Designing Corrosion-Resistant Materials. <i>Current Oral Health Reports</i> , 2022, 9, 7-21.	0.5	17
3	Surface Engineering for Dental Implantology: Favoring Tissue Responses Along the Implant. <i>Tissue Engineering - Part A</i> , 2022, 28, 555-572.	1.6	18
4	Sputtered crystalline TiO ₂ film drives improved surface properties of titanium-based biomedical implants. <i>Materials Science and Engineering C</i> , 2021, 119, 111638.	3.8	45
5	Miniplates coated by plasma electrolytic oxidation improve bone healing of simulated femoral fractures on low bone mineral density rats. <i>Materials Science and Engineering C</i> , 2021, 120, 111775.	3.8	9
6	Optimizing citric acid protocol to control implant-related infections: An <i>in vitro</i> and <i>in situ</i> study. <i>Journal of Periodontal Research</i> , 2021, 56, 558-568.	1.4	7
7	Suitability of Ti-Zr Alloy for Dental Implants: Tribocorrosion Investigation. <i>Journal of Bio- and Tribo-Corrosion</i> , 2021, 7, 1.	1.2	7
8	Dynamic Action of Mouthwashes Affects the Electrochemical Behavior of Ti6Al4V Alloy. <i>Journal of Bio- and Tribo-Corrosion</i> , 2021, 7, .	1.2	1
9	Synthesis of bioactive glass-based coating by plasma electrolytic oxidation: Untangling a new deposition pathway toward titanium implant surfaces. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 680-698.	5.0	47
10	Plasma Electrolytic Oxidation as a Feasible Surface Treatment for Biomedical Applications: an <i>in vivo</i> study. <i>Scientific Reports</i> , 2020, 10, 10000.	1.6	19
11	Targeting Pathogenic Biofilms: Newly Developed Superhydrophobic Coating Favors a Host-Compatible Microbial Profile on the Titanium Surface. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10118-10129.	4.0	65
12	UV-photofunctionalization of a biomimetic coating for dental implants application. <i>Materials Science and Engineering C</i> , 2020, 110, 110657.	3.8	32
13	Functionalization of an experimental Ti-Nb-Zr-Ta alloy with a biomimetic coating produced by plasma electrolytic oxidation. <i>Journal of Alloys and Compounds</i> , 2019, 770, 1038-1048.	2.8	66
14	Citric acid reduces oral biofilm and influences the electrochemical behavior of titanium: An <i>in situ</i> and <i>in vitro</i> study. <i>Journal of Periodontology</i> , 2019, 90, 149-158.	1.7	23
15	Visible-Light-Induced Photocatalytic and Antibacterial Activity of TiO ₂ Codoped with Nitrogen and Bismuth: New Perspectives to Control Implant-Biofilm-Related Diseases. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 18186-18202.	4.0	95
16	Proteome analysis of the salivary pellicle formed on titanium alloys containing niobium and zirconium. <i>Biofouling</i> , 2019, 35, 173-186.	0.8	22
17	The effect of individualization of fiberglass posts using bulk-fill resin-based composites on cementation: an <i>in vitro</i> study. <i>Restorative Dentistry & Endodontics</i> , 2019, 44, e37.	0.6	5
18	Characterization of chemically treated Ti-Zr system alloys for dental implant application. <i>Materials Science and Engineering C</i> , 2018, 92, 849-861.	3.8	54

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19	Synthesis of biofunctional coating for a TiZr alloy: Surface, electrochemical, and biological characterizations. Applied Surface Science, 2018, 452, 268-278.	3.1	29
20	Sensitivity and specificity of different indexes used to diagnose Temporomandibular Disorders. Brazilian Dental Science, 2018, 21, 403-410.	0.1	0
21	Development of binary and ternary titanium alloys for dental implants. Dental Materials, 2017, 33, 1244-1257.	1.6	122
22	Is there scientific evidence favoring the substitution of commercially pure titanium with titanium alloys for the manufacture of dental implants?. Materials Science and Engineering C, 2017, 71, 1201-1215.	3.8	149
23	Rehabilitation of atrophic anophthalmic cavity with orthostatic ocular prosthesis: A clinical report. Contact Lens and Anterior Eye, 2016, 39, 397-399.	0.8	0
24	Functional and psychosocial impact of oral disorders and quality of life of people living with HIV/AIDS. Quality of Life Research, 2015, 24, 503-511.	1.5	7
25	Efeito da dose-resposta do Ácido cÁtrico sobre o titÃcnio: propriedades superficiais, eletroquÃmicas e antimicrobianas. , 0, , .		0