

Jairo Matozinhos Cordeiro

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

491
citations

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28
ext. papers

663
ext. citations

5.4
avg, IF

4.18
L-index

#	Paper	IF	Citations
24	Is there scientific evidence favoring the substitution of commercially pure titanium with titanium alloys for the manufacture of dental implants?. <i>Materials Science and Engineering C</i> , 2017 , 71, 1201-1215	8.3	101
23	Development of binary and ternary titanium alloys for dental implants. <i>Dental Materials</i> , 2017 , 33, 1244-1257	7.57	84
22	Visible-Light-Induced Photocatalytic and Antibacterial Activity of TiO Codoped with Nitrogen and Bismuth: New Perspectives to Control Implant-Biofilm-Related Diseases. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 18186-18202	9.5	59
21	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	5.7	39
20	Characterization of chemically treated Ti-Zr system alloys for dental implant application. <i>Materials Science and Engineering C</i> , 2018 , 92, 849-861	8.3	35
19	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	9.5	34
18	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	9.3	21
17	UV-photofunctionalization of a biomimetic coating for dental implants application. <i>Materials Science and Engineering C</i> , 2020 , 110, 110657	8.3	20
16	Synthesis of biofunctional coating for a TiZr alloy: Surface, electrochemical, and biological characterizations. <i>Applied Surface Science</i> , 2018 , 452, 268-278	6.7	20
15	Proteome analysis of the salivary pellicle formed on titanium alloys containing niobium and zirconium. <i>Biofouling</i> , 2019 , 35, 173-186	3.3	16
14	Citric acid reduces oral biofilm and influences the electrochemical behavior of titanium: An in situ and in vitro study. <i>Journal of Periodontology</i> , 2019 , 90, 149-158	4.6	16
13	Sputtered crystalline TiO film drives improved surface properties of titanium-based biomedical implants. <i>Materials Science and Engineering C</i> , 2021 , 119, 111638	8.3	16
12	Plasma Electrolytic Oxidation as a Feasible Surface Treatment for Biomedical Applications: an in vivo study. <i>Scientific Reports</i> , 2020 , 10, 10000	4.9	11
11	Functional and psychosocial impact of oral disorders and quality of life of people living with HIV/AIDS. <i>Quality of Life Research</i> , 2015 , 24, 503-11	3.7	5
10	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	8.3	3
9	Designing Corrosion-Resistant Alloys 2020 , 27-38		2
8	Insight Into Corrosion of Dental Implants: From Biochemical Mechanisms to Designing Corrosion-Resistant Materials.. <i>Current Oral Health Reports</i> , 2022 , 1-15	1.2	2

7	Suitability of TiZr Alloy for Dental Implants: Tribocorrosion Investigation. <i>Journal of Bio- and Tribo-Corrosion</i> , 2021 , 7, 1	2.9	2
6	Alloy Materials for Biomedical Applications 2020 , 159-189		1
5	Copper source determines chemistry and topography of implant coatings to optimally couple cellular responses and antibacterial activity.. <i>Materials Science and Engineering C</i> , 2021 , 112550	8.3	1
4	Dynamic Action of Mouthwashes Affects the Electrochemical Behavior of Ti6Al4V Alloy. <i>Journal of Bio- and Tribo-Corrosion</i> , 2021 , 7,	2.9	1
3	The effect of individualization of fiberglass posts using bulk-fill resin-based composites on cementation: an study. <i>Restorative Dentistry & Endodontics</i> , 2019 , 44, e37	1.5	1
2	Optimizing citric acid protocol to control implant-related infections: An in vitro and in situ study. <i>Journal of Periodontal Research</i> , 2021 , 56, 558-568	4.3	1
1	Rehabilitation of atrophic anophthalmic cavity with orthostatic ocular prosthesis: A clinical report. <i>Contact Lens and Anterior Eye</i> , 2016 , 39, 397-9	4.1	