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List of Publications by Year in descending order

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papers

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358
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#	ARTICLE	IF	CITATIONS
1	Designing, processing and characterisation of titanium cylinders with graded porosity: An alternative to stress-shielding solutions. <i>Materials & Design</i> , 2014, 63, 316-324.	5.1	62
2	Design, processing and characterization of titanium with radial graded porosity for bone implants. <i>Materials and Design</i> , 2016, 110, 179-187.	3.3	61
3	Porous Titanium for Biomedical Applications: Evaluation of the Conventional Powder Metallurgy Frontier and Space-Holder Technique. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 982.	1.3	56
4	Development of new titanium implants with longitudinal gradient porosity by space-holder technique. <i>Journal of Materials Science</i> , 2015, 50, 6103-6112.	1.7	25
5	Porous Titanium Cylinders Obtained by the Freeze-Casting Technique: Influence of Process Parameters on Porosity and Mechanical Behavior. <i>Metals</i> , 2020, 10, 188.	1.0	22
6	In Vitro Bone Cell Behavior on Porous Titanium Samples: Influence of Porosity by Loose Sintering and Space Holder Techniques. <i>Metals</i> , 2020, 10, 696.	1.0	21
7	Development and implementation of a sequential compaction device to obtain radial graded porosity cylinders. <i>Journal of Manufacturing Processes</i> , 2020, 50, 142-153.	2.8	19
8	Fabrication and characterization of superficially modified porous dental implants. <i>Surface and Coatings Technology</i> , 2021, 408, 126796.	2.2	15
9	Design, Fabrication and Characterization of Titanium with Graded Porosity by using Space-holder Technique. , 2014, 4, 115-119.		14
10	Surface Modification of Porous Titanium Discs Using Femtosecond Laser Structuring. <i>Metals</i> , 2020, 10, 748.	1.0	14
11	Influence of Successive Chemical and Thermochemical Treatments on Surface Features of Ti6Al4V Samples Manufactured by SLM. <i>Metals</i> , 2021, 11, 313.	1.0	13
12	Influence of the Compaction Pressure and Sintering Temperature on the Mechanical Properties of Porous Titanium for Biomedical Applications. <i>Metals</i> , 2019, 9, 1249.	1.0	12
13	Processing and characterization of surrogate nuclear materials with controlled radial porosity. <i>Journal of Nuclear Science and Technology</i> , 2017, 54, 167-173.	0.7	6
14	Design, Processing and Characterization of Materials with Controlled Radial Porosity for Biomedical and Nuclear Applications. <i>Key Engineering Materials</i> , 0, 704, 325-333.	0.4	4
15	Use of Impedance Spectroscopy for the Characterization of In-Vitro Osteoblast Cell Response in Porous Titanium Bone Implants. <i>Metals</i> , 2020, 10, 1077.	1.0	3
16	Bioactive Bilayer Glass Coating on Porous Titanium Substrates with Enhanced Biofunctional and Tribomechanical Behavior. <i>Coatings</i> , 2022, 12, 245.	1.2	3
17	Influence of Femtosecond Laser Modification on Biomechanical and Biofunctional Behavior of Porous Titanium Substrates. <i>Materials</i> , 2022, 15, 2969.	1.3	3
18	Approach to the Fatigue and Cellular Behavior of Superficially Modified Porous Titanium Dental Implants. <i>Materials</i> , 2022, 15, 3903.	1.3	3

#	ARTICLE	IF	CITATIONS
19	Advanced titanium scaffolds obtained by directional freeze-drying: on the influence of processing conditions. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 4, .	2.0	1
20	Design, processing and characterization of advanced titanium scaffolds with controlled radial porosity: a new sequential compaction device. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 4, .	2.0	0