

Michal Bartmanski

List of Publications by Citations

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ext. citations

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L-index

#	Paper	IF	Citations
33	Electrophoretic deposition (EPD) of nanohydroxyapatite - nanosilver coatings on Ti13Zr13Nb alloy. <i>Ceramics International</i> , 2017 , 43, 11820-11829	5.1	26
32	The Morphology, Structure, Mechanical Properties and Biocompatibility of Nanotubular Titania Coatings before and after Autoclaving Process. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	16
31	Effects of solution composition and electrophoretic deposition voltage on various properties of nanohydroxyapatite coatings on the Ti13Zr13Nb alloy. <i>Ceramics International</i> , 2018 , 44, 19236-19246	5.1	16
30	Effects of electrophoretic deposition times and nanotubular oxide surfaces on properties of the nanohydroxyapatite/nanocopper coating on the Ti13Zr13Nb alloy. <i>Ceramics International</i> , 2019 , 45, 20002-20010	5.1	14
29	Titania Nanotubes/Hydroxyapatite Nanocomposites Produced with the Use of the Atomic Layer Deposition Technique: Estimation of Bioactivity and Nanomechanical Properties. <i>Nanomaterials</i> , 2019 , 9,	5.4	13
28	The Effect of Surface Modification of Ti13Zr13Nb Alloy on Adhesion of Antibiotic and Nanosilver-Loaded Bone Cement Coatings Dedicated for Application as Spacers. <i>Materials</i> , 2019 , 12,	3.5	10
27	Electrophoretic Deposition and Characteristics of Chitosan-Nanosilver Composite Coatings on a Nanotubular TiO ₂ Layer. <i>Coatings</i> , 2020 , 10, 245	2.9	10
26	Properties of Nanohydroxyapatite Coatings Doped with Nanocopper, Obtained by Electrophoretic Deposition on Ti13Zr13Nb Alloy. <i>Materials</i> , 2019 , 12,	3.5	10
25	Comprehensive Evaluation of the Biological Properties of Surface-Modified Titanium Alloy Implants. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	9
24	Laser-assisted modification of titanium dioxide nanotubes in a tilted mode as surface modification and patterning strategy. <i>Applied Surface Science</i> , 2020 , 508, 145143	6.7	9
23	In Vitro Studies on Nanoporous, Nanotubular and Nanosponge-Like Titania Coatings, with the Use of Adipose-Derived Stem Cells. <i>Materials</i> , 2020 , 13,	3.5	8
22	Electrophoretic Deposition and Characterization of Chitosan/Eudragit E 100 Coatings on Titanium Substrate. <i>Coatings</i> , 2020 , 10, 607	2.9	8
21	Comparison of Properties of the Hybrid and Bilayer MWCNTs-Hydroxyapatite Coatings on Ti Alloy. <i>Coatings</i> , 2019 , 9, 643	2.9	8
20	Studies on Silver Ions Releasing Processes and Mechanical Properties of Surface-Modified Titanium Alloy Implants. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	8
19	Electrodeposited Biocoatings, Their Properties and Fabrication Technologies: A Review. <i>Coatings</i> , 2020 , 10, 782	2.9	7
18	The Properties of Nanosilver Doped Nanohydroxyapatite Coating On the Ti13zr13Nb Alloy. <i>Advances in Materials Science</i> , 2017 , 17, 18-28	1.8	6
17	Mechanical and Corrosion Properties of Laser Surface-Treated Ti13Nb13Zr Alloy with MWCNTs Coatings. <i>Materials</i> , 2020 , 13,	3.5	6

16	The Determinants of Morphology and Properties of the Nanohydroxyapatite Coating Deposited on the Ti13Zr13Nb Alloy by Electrophoretic Technique. <i>Advances in Materials Science</i> , 2016 , 16, 56-66	1.8	5
15	Nanotubular Oxide Layer Formed on Helix Surfaces of Dental Screw Implants. <i>Coatings</i> , 2021 , 11, 115	2.9	5
14	Investigations of Titanium Implants Covered with Hydroxyapatite Layer. <i>Advances in Materials Science</i> , 2016 , 16, 78-86	1.8	4
13	Mechanical Behavior of Bi-Layer and Dispersion Coatings Composed of Several Nanostructures on Ti13Nb13Zr Alloy. <i>Materials</i> , 2021 , 14,	3.5	4
12	Titania Nanofiber Scaffolds with Enhanced Biointegration Activity-Preliminary In Vitro Studies. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	4
11	Project of Hip Joint Endoprosthesis for an Individual Patient with Materials Selection. <i>Advances in Materials Science</i> , 2015 , 15, 30-36	1.8	3
10	The Chemical and Biological Properties of Nanohydroxyapatite Coatings with Antibacterial Nanometals, Obtained in the Electrophoretic Process on the Ti13Zr13Nb Alloy. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
9	Electrophoretically Deposited Chitosan/Eudragit E 100/AgNPs Composite Coatings on Titanium Substrate as a Silver Release System. <i>Materials</i> , 2021 , 14,	3.5	3
8	Hydrogen Embrittlement and Oxide Layer Effect in the Cathodically Charged Zircaloy-2. <i>Materials</i> , 2020 , 13,	3.5	2
7	Locust bean gum as green and water-soluble binder for LiFePO ₄ and Li ₄ Ti ₅ O ₁₂ electrodes. <i>Journal of Applied Electrochemistry</i> , 2021 , 51, 359-371	2.6	2
6	Properties of Barium Cerate Thin Films Formed Using E-Beam Deposition. <i>Crystals</i> , 2020 , 10, 1152	2.3	1
5	The Influence of the Depth of Cut in Single-Pass Grinding on the Microstructure and Properties of the C45 Steel Surface Layer. <i>Materials</i> , 2020 , 13,	3.5	1
4	DC and AC Conductivity, Biosolubility and Thermal Properties of Mg-Doped NaO-CaO-PO Glasses. <i>Materials</i> , 2021 , 14,	3.5	1
3	Effects of Surface Pretreatment of Titanium Substrates on Properties of Electrophoretically Deposited Biopolymer Chitosan/Eudragit E 100 Coatings. <i>Coatings</i> , 2021 , 11, 1120	2.9	1
2	Properties of chitosan/CuNPs coatings electrophoretically deposited on TiO ₂ nanotubular oxide layer of Ti13Zr13Nb alloy. <i>Materials Letters</i> , 2021 , 308, 130982	3.3	0
1	Chitosan/poly(4-vinylpyridine) coatings formed on AgNPs-decorated titanium. <i>Materials Letters</i> , 2022 , 132293	3.3	0