

Michał, Bartmański

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Properties of chitosan/CuNPs coatings electrophoretically deposited on TiO ₂ nanotubular oxide layer of Ti ₁₃ Zr ₁₃ Nb alloy. <i>Materials Letters</i> , 2022, 308, 130982.	1.3	5
2	Chitosan/poly(4-vinylpyridine) coatings formed on AgNPs-decorated titanium. <i>Materials Letters</i> , 2022, 319, 132293.	1.3	10
3	A Simple Replica Method as the Way to Obtain a Morphologically and Mechanically Bone-like Iron-Based Biodegradable Material. <i>Materials</i> , 2022, 15, 4552.	1.3	3
4	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.	1.5	12
5	Nanotubular Oxide Layer Formed on Helix Surfaces of Dental Screw Implants. <i>Coatings</i> , 2021, 11, 115.	1.2	7
6	The Chemical and Biological Properties of Nanohydroxyapatite Coatings with Antibacterial Nanometals, Obtained in the Electrophoretic Process on the Ti ₁₃ Zr ₁₃ Nb Alloy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3172.	1.8	9
7	The Influence of Nanometals, Dispersed in the Electrophoretic Nanohydroxyapatite Coatings on the Ti ₁₃ Zr ₁₃ Nb Alloy, on Their Morphology and Mechanical Properties. <i>Materials</i> , 2021, 14, 1638.	1.3	6
8	DC and AC Conductivity, Biosolubility and Thermal Properties of Mg-Doped Na ₂ O-CaO-P ₂ O ₅ Glasses. <i>Materials</i> , 2021, 14, 2626.	1.3	6
9	Mechanical Behavior of Bi-Layer and Dispersion Coatings Composed of Several Nanostructures on Ti ₁₃ Nb ₁₃ Zr Alloy. <i>Materials</i> , 2021, 14, 2905.	1.3	11
10	Electrophoretically Deposited Chitosan/Eudragit E 100/AgNPs Composite Coatings on Titanium Substrate as a Silver Release System. <i>Materials</i> , 2021, 14, 4533.	1.3	15
11	Effects of Surface Pretreatment of Titanium Substrates on Properties of Electrophoretically Deposited Biopolymer Chitosan/Eudragit E 100 Coatings. <i>Coatings</i> , 2021, 11, 1120.	1.2	9
12	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.	3.1	24
13	Electrophoretic Deposition and Characterization of Chitosan/Eudragit E 100 Coatings on Titanium Substrate. <i>Coatings</i> , 2020, 10, 607.	1.2	21
14	Mechanical and Corrosion Properties of Laser Surface-Treated Ti ₁₃ Nb ₁₃ Zr Alloy with MWCNTs Coatings. <i>Materials</i> , 2020, 13, 3991.	1.3	10
15	Electrodeposited Biocoatings, Their Properties and Fabrication Technologies: A Review. <i>Coatings</i> , 2020, 10, 782.	1.2	26
16	Properties of Barium Cerate Thin Films Formed Using E-Beam Deposition. <i>Crystals</i> , 2020, 10, 1152.	1.0	5
17	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, 1040.	1.3	7
18	Comprehensive Evaluation of the Biological Properties of Surface-Modified Titanium Alloy Implants. <i>Journal of Clinical Medicine</i> , 2020, 9, 342.	1.0	27

#	ARTICLE	IF	CITATIONS
19	Electrophoretic Deposition and Characteristics of Chitosan-Nanosilver Composite Coatings on a Nanotubular TiO ₂ Layer. <i>Coatings</i> , 2020, 10, 245.	1.2	20
20	In Vitro Studies on Nanoporous, Nanotubular and Nanosponge-Like Titania Coatings, with the Use of Adipose-Derived Stem Cells. <i>Materials</i> , 2020, 13, 1574.	1.3	14
21	Hydrogen Embrittlement and Oxide Layer Effect in the Cathodically Charged Zircaloy-2. <i>Materials</i> , 2020, 13, 1913.	1.3	4
22	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.	2.3	25
23	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, 2964.	1.3	17
24	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, 123.	1.9	20
25	The Morphology, Structure, Mechanical Properties and Biocompatibility of Nanotubular Titania Coatings before and after Autoclaving Process. <i>Journal of Clinical Medicine</i> , 2019, 8, 272.	1.0	21
26	Titania Nanofiber Scaffolds with Enhanced Biointegration Activity—Preliminary In Vitro Studies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5642.	1.8	12
27	Properties of Nanohydroxyapatite Coatings Doped with Nanocopper, Obtained by Electrophoretic Deposition on Ti13Zr13Nb Alloy. <i>Materials</i> , 2019, 12, 3741.	1.3	28
28	Comparison of Properties of the Hybrid and Bilayer MWCNTs-Hydroxyapatite Coatings on Ti Alloy. <i>Coatings</i> , 2019, 9, 643.	1.2	16
29	Studies on Silver Ions Releasing Processes and Mechanical Properties of Surface-Modified Titanium Alloy Implants. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3962.	1.8	20
30	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.	2.3	27
31	Electrophoretic deposition (EPD) of nanohydroxyapatite - nanosilver coatings on Ti13Zr13Nb alloy. <i>Ceramics International</i> , 2017, 43, 11820-11829.	2.3	42
32	The Properties of Nanosilver - Doped Nanohydroxyapatite Coating On the Ti13Zr13Nb Alloy. <i>Advances in Materials Science</i> , 2017, 17, 18-28.	0.4	9
33	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.	0.4	7
34	Investigations of Titanium Implants Covered with Hydroxyapatite Layer. <i>Advances in Materials Science</i> , 2016, 16, 78-86.	0.4	4
35	Project of Hip Joint Endoprosthesis for an Individual Patient with Materials Selection. <i>Advances in Materials Science</i> , 2015, 15, 30-36.	0.4	3