

# Alicja Āukaszczyk

## List of Publications by Year in descending order

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17  
papers

275  
citations

933447

10  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

254  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of the electrophoretic deposition route on the microstructure and properties of nano-hydroxyapatite/chitosan coatings on the Ti-13Nb-13Zr alloy. <i>Surface and Coatings Technology</i> , 2017, 324, 64-79.	4.8	49
2	Influence of polyetheretherketone coatings on the Ti-13Nb-13Zr titanium alloy's bio-tribological properties and corrosion resistance. <i>Materials Science and Engineering C</i> , 2016, 63, 52-61.	7.3	47
3	Electrophoretic deposition and characterization of composite chitosan-based coatings incorporating bioglass and sol-gel glass particles on the Ti-13Nb-13Zr alloy. <i>Surface and Coatings Technology</i> , 2017, 319, 33-46.	4.8	33
4	The influence of heat treatment on the microstructure, surface topography and selected properties of PEEK coatings electrophoretically deposited on the Ti-6Al-4V alloy. <i>Progress in Organic Coatings</i> , 2019, 133, 180-190.	3.9	22
5	Electrophoretic Deposition, Microstructure and Selected Properties of Composite Alumina/Polyetheretherketone Coatings on the Ti-13Nb-13Zr Alloy. <i>Journal of the Electrochemical Society</i> , 2018, 165, D116-D128.	2.9	21
6	Electrophoretic Deposition, Microstructure, and Corrosion Resistance of Porous Sol-Gel Glass/Polyetheretherketone Coatings on the Ti-13Nb-13Zr Alloy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2017, 48, 2660-2673.	2.2	18
7	Improvement of the Ti-6Al-4V Alloy's Tribological Properties and Electrochemical Corrosion Resistance by Nanocomposite TiN/PEEK708 Coatings. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 5914-5924.	2.2	15
8	The Effect of Electrophoretic Deposition Parameters on the Microstructure and Adhesion of Zein Coatings to Titanium Substrates. <i>Materials</i> , 2021, 14, 312.	2.9	14
9	Porous HA and nanocomposite nc-TiO <sub>2</sub> /HA coatings to improve the electrochemical corrosion resistance of the Co-28Cr-5Mo alloy. <i>Materials Chemistry and Physics</i> , 2017, 199, 144-158.	4.0	11
10	Electrophoretic Co-deposition of Polyetheretherketone and Graphite Particles: Microstructure, Electrochemical Corrosion Resistance, and Coating Adhesion to a Titanium Alloy. <i>Materials</i> , 2020, 13, 3251.	2.9	11
11	Development of Microstructure and Properties of Multicomponent MoS <sub>2</sub> /HA/PEEK Coatings on a Titanium Alloy Via Electrophoretic Deposition and Heat Treatment. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2021, 52, 3880-3895.	2.2	11
12	The Effect of the Polymer Structure in Composite Alumina/Polyetheretherketone Coatings on Corrosion Resistance, Micro-mechanical and Tribological Properties of the Ti-6Al-4V Alloy. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 1426-1438.	2.5	6
13	Effect of Cr Content on Corrosion Resistance of Low-Cr Alloy Steels Studied by Surface and Electrochemical Techniques. <i>Electrochem</i> , 2021, 2, 546-562.	3.3	5
14	Microstructure and Selected Properties of Advanced Biomedical n-HA/ZnS/Sulfonated PEEK Coatings Fabricated on Zirconium Alloy by Duplex Treatment. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3244.	4.1	5
15	Effect of Remelting of the Ni-22Cr-9Mo Alloy on its Microstructural and Electrochemical Properties. <i>Archives of Metallurgy and Materials</i> , 2017, 62, 411-418.	0.6	3
16	Corrosion Resistance and Microstructure of Recasting Cobalt Alloys Used in Dental Prosthetics. <i>Archives of Foundry Engineering</i> , 2017, 17, 63-68.	0.4	2
17	Microstructure, Micro-Mechanical and Tribocorrosion Behavior of Oxygen Hardened Ti-13Nb-13Zr Alloy. <i>Materials</i> , 2021, 14, 2088.	2.9	2