

Agnieszka Kopia

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Microstructure, microsegregation and nanohardness of CMT clad layers of Ni-base alloy on 16Mo3 steel. <i>Journal of Alloys and Compounds</i> , 2018, 751, 86-95.	5.5	45
2	The influence of high temperature annealing and creep on the microstructure and chemical element distribution in the β , β' and TCP phases in single crystal Ni-base superalloy. <i>Journal of Alloys and Compounds</i> , 2018, 731, 693-703.	5.5	31
3	Electrophoretic deposition and microstructure development of Si ₃ N ₄ /polyetheretherketone coatings on titanium alloy. <i>Surface and Coatings Technology</i> , 2018, 350, 633-647.	4.8	23
4	Electron microscopy and spectroscopy investigations of CuOx/CeO ₂ /Si thin films. <i>Surface Science</i> , 2008, 602, 1313-1321.	1.9	22
5	The Influence of Electrophoretic Deposition Parameters and Heat Treatment on the Microstructure and Tribological Properties of Nanocomposite Si ₃ N ₄ /PEEK 708 Coatings on Titanium Alloy. <i>Coatings</i> , 2019, 9, 530.	2.6	21
6	Microstructure and Properties of Electrodeposited Nanocrystalline Ni-Co-Fe Coatings. <i>Materials</i> , 2021, 14, 3886.	2.9	20
7	Investigation of the thermal behaviour of different biomasses and properties of their low- and high-temperature ashes. <i>Fuel</i> , 2021, 301, 121026.	6.4	18
8	Wear resistant carbon coatings deposited at room temperature by pulsed laser deposition method on 7075 aluminum alloy. <i>Vacuum</i> , 2013, 97, 20-25.	3.5	12
9	Effect of the Processing and Heat Treatment Route on the Microstructure of MoS ₂ /Polyetheretherketone Coatings Obtained by Electrophoretic Deposition. <i>Journal of the Electrochemical Society</i> , 2019, 166, D151-D161.	2.9	12
10	Effect of Low-Friction Composite Polymer Coatings Fabricated by Electrophoretic Deposition and Heat Treatment on the Ti-6Al-4V Titanium Alloy's Tribological Properties. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020, 51, 4786-4798.	2.2	12
11	Influence of high-temperature annealing on morphological and compositional changes of phases in Ni-base single crystal superalloy. <i>Materials Characterization</i> , 2017, 131, 266-276.	4.4	11
12	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
13	Development of Microstructure and Properties of Multicomponent MoS ₂ /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
14	High-Temperature Corrosion of Ni-Base Alloys by Waste Incineration Ashes. <i>Acta Physica Polonica A</i> , 2016, 130, 1045-1048.	0.5	9
15	The Effect of Strontium Doping on LaFeO ₃ Thin Films Deposited by the PLD Method. <i>Catalysts</i> , 2020, 10, 954.	3.5	7
16	Microstructure and Properties of Electrodeposited nc-TiO ₂ /Ni-Fe and Ni-Fe Coatings. <i>Metals and Materials International</i> , 2020, 26, 812-826.	3.4	6
17	Impact of Surface Topography, Chemistry and Properties on the Adhesion of Sodium Alginate Coatings Electrophoretically Deposited on Titanium Biomaterials. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2021, 52, 4454-4467.	2.2	5
18	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

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19	The role of the addition of Cu in alloyed and multilayered Fe-based nanowires. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2022, 281, 115732.	3.5	5
20	Microstructure and selected mechanical and electrical property analysis of Sr-doped LaCoO_3 perovskite thin films deposited by the PLD technique. <i>International Journal of Materials Research</i> , 2019, 110, 32-41.	0.3	3
21	Influence of fuel ashes on corrosion of surface coatings cladded by CMT method. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019, 41, 427-437.	2.3	3
22	Influence of W Addition on Microstructure and Resistance to Brittle Cracking of TiB_2 Coatings Deposited by DCMS. <i>Materials</i> , 2021, 14, 4664.	2.9	3
23	Influence of the substrate on the structure stability LaLuO_3 thin films deposited by PLD method. <i>Vacuum</i> , 2016, 134, 120-129.	3.5	2
24	Corrosion Resistance of Inconel 625 CMT-Cladded Layers after Long-Term Exposure to Biomass and Waste Ashes in High-Temperature Conversion Processes. <i>Materials</i> , 2020, 13, 4374.	2.9	2
25	Strength Analysis and Stress-Strain Deformation Behavior of 3 mol% Y-TZP and 21 wt.% Al_2O_3 -3 mol% Y-TZP. <i>Materials</i> , 2021, 14, 3903.	2.9	2
26	Nanostructured LaFeO_3/Si Thin Films Grown by Pulsed Laser Deposition. <i>EPJ Applied Physics</i> , 0, , .	0.7	2