

Iryna Makarava

List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Surface and corrosion properties of AA6063-T5 aluminum alloy in molybdate-containing sodium chloride solutions. <i>Corrosion Science</i> , 2020, 171, 108658.	6.6	52
2	Global environmental cost of using rare earth elements in green energy technologies. <i>Science of the Total Environment</i> , 2022, 832, 155022.	8.0	48
3	Efficient separation of precious metals from computer waste printed circuit boards by hydrocyclone and dilution-gravity methods. <i>Journal of Cleaner Production</i> , 2021, 286, 125505.	9.3	34
4	Electrochemical leaching of rare-earth elements from spent NdFeB magnets. <i>Hydrometallurgy</i> , 2020, 192, 105264.	4.3	32
5	Nickel-nanodiamond coatings electrodeposited from tartrate electrolyte at ambient temperature. <i>Surface and Coatings Technology</i> , 2019, 380, 125063.	4.8	31
6	One-step recovery of REE oxalates in electro-leaching of spent NdFeB magnets. <i>Separation and Purification Technology</i> , 2020, 251, 117362.	7.9	20
7	Magnesium Life Cycle in Automotive Industry. <i>Procedia CIRP</i> , 2022, 105, 589-594.	1.9	15
8	Selective acid leaching of rare earth elements from roasted NdFeB magnets. <i>Separation and Purification Technology</i> , 2021, 278, 119571.	7.9	14
9	Electrodeposition of Nickel and Composite Nickel-fullerenol Coatings from Low-temperature Sulphate-chloride-isobutyrate Electrolyte. <i>Procedia Chemistry</i> , 2014, 10, 373-377.	0.7	13
10	Corrosion resistance of nickel coatings deposited from low-temperature nickel-plating electrolytes. <i>Russian Journal of Applied Chemistry</i> , 2017, 90, 566-573.	0.5	13
11	Corrosion Behavior in Acid and Alkaline Media of Nickel Coatings Deposited at Room Temperature. <i>Russian Journal of Applied Chemistry</i> , 2018, 91, 1441-1450.	0.5	11
12	Specific features of electrodeposition of Ni-SiO ₂ micromounting composite coatings from complex electrolytes. <i>Russian Journal of Applied Chemistry</i> , 2014, 87, 1235-1239.	0.5	8
13	Effect of thiourea on electrocrystallization of Cu-Sn alloys from sulphate electrolytes. <i>Surface and Coatings Technology</i> , 2020, 399, 126137.	4.8	8
14	Electrodeposition of a nickel coating from a low-temperature acetate-chloride nickel-plating electrolyte. <i>Russian Journal of Electrochemistry</i> , 2015, 51, 281-285.	0.9	7
15	Corrosion properties of nickel coatings obtained from aqueous and nonaqueous electrolytes. <i>Surface and Interface Analysis</i> , 2019, 51, 943-953.	1.8	7
16	Environmental Assessment of Global Magnesium Production. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2023, 44, 389-406.	5.0	7
17	Tin-Nickel-Titania Composite Coatings. <i>Inorganic Materials</i> , 2019, 55, 568-575.	0.8	5
18	Protective Action of Sodium Metavanadate Against Corrosion of AD31 Aluminum Alloy in Neutral Chloride-Containing Media. <i>Russian Journal of Physical Chemistry A</i> , 2020, 94, 874-879.	0.6	5

#	ARTICLE	IF	CITATIONS
19	Enhanced acid leaching of rare earths from NdCeFeB magnets. Minerals Engineering, 2022, 179, 107446.	4.3	5
20	The Deposition Mechanism and Protective Properties of Manganese-Based Conversion Coatings on the Surface of AD31 Aluminum Alloy. Protection of Metals and Physical Chemistry of Surfaces, 2020, 56, 113-124.	1.1	4
21	Corrosion Inhibition of AD31 Alloy by Cerium Nitrate (III) and Sodium Metavanadate. Materials Today: Proceedings, 2019, 6, 164-170.	1.8	3
22	ĐšĐžĐĐĐžĐ—Đ~ĐžĐĐĐžĐ•ĐŸĐžĐ'Đ•Đ"Đ•ĐĐ~Đ•ĐĐ~ĐšĐ•Đ•Đ•Đ'Đ«Đ¥ ĐŸĐžĐšĐĐ«ĐčĐ~Đ™, ĐžĐ;ĐĐ—Đ"Đ•ĐĐĐ«Đ¥ĐŸĐĐ~ĐšĐžĐœĐ		