

Dmitry Kharitonov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Improvement of La _{0.8} Sr _{0.2} MnO ₃ Cathode Material for Solid Oxide Fuel Cells by Addition of YFe _{0.5} Co _{0.5} O ₃ . <i>Materials</i> , 2022, 15, 642.	2.9	7
2	Enhanced acid leaching of rare earths from NdCeFeB magnets. <i>Minerals Engineering</i> , 2022, 179, 107446.	4.3	5
3	Corrosion failure analysis of a cooling system of an injection mold. <i>Engineering Failure Analysis</i> , 2022, 135, 106118.	4.0	6
4	Double substituted NdBa(Fe,Co,Cu)2O ₅ + λ layered perovskites as cathode materials for intermediate-temperature solid oxide fuel cells – correlation between structure and electrochemical properties. <i>Electrochimica Acta</i> , 2022, 411, 140062.	5.2	7
5	Inhibitive effect of sodium molybdate on corrosion of AZ31 magnesium alloy in chloride solutions. <i>Electrochimica Acta</i> , 2022, 414, 140175.	5.2	27
6	Layered Oxygen-Deficient Double Perovskites as Promising Cathode Materials for Solid Oxide Fuel Cells. <i>Materials</i> , 2022, 15, 141.	2.9	40
7	Anodic Electrodeposition of Chitosan/AgNP Composites Using In Situ Coordination with Copper Ions. <i>Materials</i> , 2021, 14, 2754.	2.9	8
8	Structural and electrochemical characterization of YBa(Fe,Co,Cu)2O ₅ + λ layered perovskites as cathode materials for solid oxide fuel cells. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 16977-16988.	7.1	13
9	Corrosion Behavior of Modified Anodic Oxide Coatings on AD31 Aluminium Alloy. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2021, 57, 550-558.	1.1	3
10	Ultrasonic-assisted electrodeposition of Cu-Sn-TiO ₂ nanocomposite coatings with enhanced antibacterial activity. <i>Ultrasonics Sonochemistry</i> , 2021, 75, 105593.	8.2	20
11	Aqueous molybdate provides effective corrosion inhibition of WE43 magnesium alloy in sodium chloride solutions. <i>Corrosion Science</i> , 2021, 190, 109664.	6.6	54
12	Physicochemical and Biocidal Properties of Nickel/Tin and Nickel/Tin/Titania Coatings. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2021, 57, 88-95.	1.1	4
13	Effect of TiO ₂ Concentration on Microstructure and Properties of Composite Cu/Sn/TiO ₂ Coatings Obtained by Electrodeposition. <i>Materials</i> , 2021, 14, 6179.	2.9	8
14	Structural, electrical, and magnetic study of La-, Eu-, and Er- doped bismuth ferrite nanomaterials obtained by solution combustion synthesis. <i>Scientific Reports</i> , 2021, 11, 22746.	3.3	19
15	The Effect of Sealing with Potassium Permanganate on Corrosion Resistance of Anodized AD31 Aluminum Alloy. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2020, 56, 990-997.	1.1	4
16	Effect of Parameters of Pulse Electrolysis on Electrodeposition of Copper/Tin Alloy from Sulfate Electrolyte. <i>Russian Journal of Electrochemistry</i> , 2020, 56, 744-753.	0.9	5
17	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
18	The Effect of Ultrasound Treatment on Physicochemical and Tribological Properties of Electrolytic Cu/Sn/TiO ₂ Coatings. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2020, 56, 385-391.	1.1	5

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19	Effect of thiourea on electrocrystallization of Cu-Sn alloys from sulphate electrolytes. <i>Surface and Coatings Technology</i> , 2020, 399, 126137.	4.8	8
20	The Deposition Mechanism and Protective Properties of Manganese-Based Conversion Coatings on the Surface of AD31 Aluminum Alloy. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2020, 56, 113-124.	1.1	4
21	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
22	Effect of TIG Welding and Rare Earth Elements Alloying on Corrosion Resistance of Magnesium Alloys. <i>Journal of the Electrochemical Society</i> , 2020, 167, 131504.	2.9	15
23	Corrosion Behavior of Aluminum alloy AD31 in the Presence of Potassium Permanganate in an Acidic Media. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2020, 56, 1299-1304.	1.1	3
24	Electrodeposition of Cu-Sn Alloy from Oxalic Acid Electrolyte in the Presence of Amine-containing Surfactants. <i>Russian Journal of Applied Chemistry</i> , 2019, 92, 835-841.	0.5	8
25	Corrosion properties of nickel coatings obtained from aqueous and nonaqueous electrolytes. <i>Surface and Interface Analysis</i> , 2019, 51, 943-953.	1.8	7
26	Nickel-nanodiamond coatings electrodeposited from tartrate electrolyte at ambient temperature. <i>Surface and Coatings Technology</i> , 2019, 380, 125063.	4.8	31
27	Corrosion Inhibition of AD31 Alloy by Cerium Nitrate (III) and Sodium Metavanadate. <i>Materials Today: Proceedings</i> , 2019, 6, 164-170.	1.8	3
28	Tin-Nickel-Titania Composite Coatings. <i>Inorganic Materials</i> , 2019, 55, 568-575.	0.8	5
29	Corrosion inhibition of aluminium alloy AA6063-T5 by vanadates: Local surface chemical events elucidated by confocal Raman micro-spectroscopy. <i>Corrosion Science</i> , 2019, 148, 237-250.	6.6	43
30	Corrosion Inhibition of Aluminum Alloy AA6063-T5 by Vanadates: Microstructure Characterization and Corrosion Analysis. <i>Journal of the Electrochemical Society</i> , 2018, 165, C116-C126.	2.9	49
31	Sonochemical Electrodeposition of Copper Coatings. <i>Russian Journal of Applied Chemistry</i> , 2018, 91, 207-213.	0.5	11
32	Corrosion of AD31 (AA6063) Alloy in Chloride-Containing Solutions. <i>Protection of Metals and Physical Chemistry of Surfaces</i> , 2018, 54, 291-300.	1.1	17
33	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
34	Effect of Sonochemical Treatment Modes on the Electrodeposition of Cu-Sn Alloy from Oxalic Acid Electrolyte. <i>Russian Journal of Applied Chemistry</i> , 2018, 91, 591-596.	0.5	9
35	Corrosion inhibition of AA6063 alloy by vanadates in alkaline media. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2017, 48, 646-660.	0.9	12
36	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

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37	Effect of sodium vanadate on corrosion of AD31 aluminum alloy in acid media. Russian Journal of Applied Chemistry, 2017, 90, 1089-1097.	0.5	9