Dmitry Kharitonov

List of Publications by Year
in descending order

37	550	759233 12	677142 22
papers	citations	h-index	g-index

37	37	37	300
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aqueous molybdate provides effective corrosion inhibition of WE43 magnesium alloy in sodium chloride solutions. Corrosion Science, 2021, 190, 109664.	6.6	54
2	Surface and corrosion properties of AA6063-T5 aluminum alloy in molybdate-containing sodium chloride solutions. Corrosion Science, 2020, 171, 108658.	6.6	52
3	Corrosion Inhibition of Aluminum Alloy AA6063-T5 by Vanadates: Microstructure Characterization and Corrosion Analysis. Journal of the Electrochemical Society, 2018, 165, C116-C126.	2.9	49
4	Corrosion inhibition of aluminium alloy AA6063-T5 by vanadates: Local surface chemical events elucidated by confocal Raman micro-spectroscopy. Corrosion Science, 2019, 148, 237-250.	6.6	43
5	Layered Oxygen-Deficient Double Perovskites as Promising Cathode Materials for Solid Oxide Fuel Cells. Materials, 2022, 15, 141.	2.9	40
6	Nickel-nanodiamond coatings electrodeposited from tartrate electrolyte at ambient temperature. Surface and Coatings Technology, 2019, 380, 125063.	4.8	31
7	Inhibitive effect of sodium molybdate on corrosion of AZ31 magnesium alloy in chloride solutions. Electrochimica Acta, 2022, 414, 140175.	5.2	27
8	Ultrasonic-assisted electrodeposition of Cu-Sn-TiO2 nanocomposite coatings with enhanced antibacterial activity. Ultrasonics Sonochemistry, 2021, 75, 105593.	8.2	20
9	Structural, electrical, and magnetic study of La-, Eu-, and Er- doped bismuth ferrite nanomaterials obtained by solution combustion synthesis. Scientific Reports, 2021, 11, 22746.	3.3	19
10	Corrosion of AD31 (AA6063) Alloy in Chloride-Containing Solutions. Protection of Metals and Physical Chemistry of Surfaces, 2018, 54, 291-300.	1.1	17
11	Effect of TIG Welding and Rare Earth Elements Alloying on Corrosion Resistance of Magnesium Alloys. Journal of the Electrochemical Society, 2020, 167, 131504.	2.9	15
12	Corrosion resistance of nickel coatings deposited from low-temperature nickel-plating electrolytes. Russian Journal of Applied Chemistry, 2017, 90, 566-573.	0.5	13
13	Structural and electrochemical characterization of YBa(Fe,Co,Cu)2O5+Î´ layered perovskites as cathode materials for solid oxide fuel cells. International Journal of Hydrogen Energy, 2021, 46, 16977-16988.	7.1	13
14	Corrosion inhibition of AA6063 alloy by vanadates in alkaline media. Materialwissenschaft Und Werkstofftechnik, 2017, 48, 646-660.	0.9	12
15	Sonochemical Electrodeposition of Copper Coatings. Russian Journal of Applied Chemistry, 2018, 91, 207-213.	0.5	11
16	Corrosion Behavior in Acid and Alkaline Media of Nickel Coatings Deposited at Room Temperature. Russian Journal of Applied Chemistry, 2018, 91, 1441-1450.	0.5	11
17	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
18	Effect of Sonochemical Treatment Modes on the Electrodeposition of Cuâ€“Sn Alloy from Oxalic Acid Electrolyte. Russian Journal of Applied Chemistry, 2018, 91, 591-596.	0.5	9

#	Article	IF	Citations
19	Electrodeposition of Cu-Sn Alloy from Oxalic Acid Electrolyte in the Presence of Amine-containing Surfactants. Russian Journal of Applied Chemistry, 2019, 92, 835-841.	0.5	8
20	Effect of thiourea on electrocrystallization of Cuâ€“Sn alloys from sulphate electrolytes. Surface and Coatings Technology, 2020, 399, 126137.	4.8	8
21	Anodic Electrodeposition of Chitosanâ€“AgNP Composites Using In Situ Coordination with Copper Ions. Materials, 2021, 14, 2754.	2.9	8
22	Effect of TiO2 Concentration on Microstructure and Properties of Composite Cuâ€“Snâ€“TiO2 Coatings Obtained by Electrodeposition. Materials, 2021, 14, 6179.	2.9	8
23	Corrosion properties of nickel coatings obtained from aqueous and nonaqueous electrolytes. Surface and Interface Analysis, 2019, 51, 943-953.	1.8	7
24	Improvement of La0.8Sr0.2MnO3â^Î´ Cathode Material for Solid Oxide Fuel Cells by Addition of YFe0.5Co0.5O3. Materials, 2022, 15, 642.	2.9	7
25	Double substituted NdBa(Fe,Co,Cu)2O5+Î´ layered perovskites as cathode materials for intermediate-temperature solid oxide fuel cells â€“ correlation between structure and electrochemical properties. Electrochimica Acta, 2022, 411, 140062.	5.2	7
26	Corrosion failure analysis of a cooling system of an injection mold. Engineering Failure Analysis, 2022, 135, 106118.	4.0	6
27	Tinâ€“Nickelâ€“Titania Composite Coatings. Inorganic Materials, 2019, 55, 568-575.	0.8	5
28	Effect of Parameters of Pulse Electrolysis on Electrodeposition of Copperâ€“Tin Alloy from Sulfate Electrolyte. Russian Journal of Electrochemistry, 2020, 56, 744-753.	0.9	5
29	The Effect of Ultrasound Treatment on Physicochemical and Tribological Properties of Electrolytic Cuâ€“Snâ€“TiO2 Coatings. Protection of Metals and Physical Chemistry of Surfaces, 2020, 56, 385-391.	1.1	5
30	Protective Action of Sodium Metavanadate Against Corrosion of AD31 Aluminum Alloy in Neutral Chloride-Containing Media. Russian Journal of Physical Chemistry A, 2020, 94, 874-879.	0.6	5
31	Enhanced acid leaching of rare earths from NdCeFeB magnets. Minerals Engineering, 2022, 179, 107446.	4.3	5
32	The Effect of Sealing with Potassium Permanganate on Corrosion Resistance of Anodized AD31 Aluminum Alloy. Protection of Metals and Physical Chemistry of Surfaces, 2020, 56, 990-997.	1.1	4
33	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
34	Physicochemical and Biocidal Properties of Nickelâ€“Tin and Nickelâ€“Tinâ€”Titania Coatings. Protection of Metals and Physical Chemistry of Surfaces, 2021, 57, 88-95.	1.1	4
35	Corrosion Inhibition of AD31 Alloy by Cerium Nitrate (III) and Sodium Metavanadate. Materials Today: Proceedings, 2019, 6, 164-170.	1.8	3
36	Corrosion Behavior of Modified Anodic Oxide Coatings on AD31 Aluminium Alloy. Protection of Metals and Physical Chemistry of Surfaces, 2021, 57, 550-558.	1.1	3

#	Article	IF	Citations
37	Corrosion Behavior of Aluminum alloy AD31 in the Presence of Potassium Permanganate in an Acidic Media. Protection of Metals and Physical Chemistry of Surfaces, 2020, 56, 1299-1304.	1.1	3