

Qiyuan Zhu

List of Publications by Year in descending order

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228
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#	ARTICLE	IF	CITATIONS
1	Application of ordered mesoporous silica nanocontainers in an anticorrosive epoxy coating on a magnesium alloy surface. RSC Advances, 2015, 5, 47778-47787.	3.6	54
2	Effect of carbonate additive on the microstructure and corrosion resistance of plasma electrolytic oxidation coating on Mg-9Li-3Al alloy. International Journal of Minerals, Metallurgy and Materials, 2022, 29, 1453-1463.	4.9	41
3	Ultrasonic-Assisted Electroless Ni-P Plating on Dual Phase Mg-Li Alloy. Journal of the Electrochemical Society, 2015, 162, C64-C70.	2.9	31
4	Characteristics and corrosion studies of zinc-manganese phosphate coatings on magnesium-lithium alloy. RSC Advances, 2014, 4, 59772-59778.	3.6	22
5	Improvement of the Tribological Properties and Corrosion Resistance of Epoxy-PTFE Composite Coating by Nanoparticle Modification. Coatings, 2021, 11, 10.	2.6	21
6	The electrochemical behavior of Mg-9Al-0.5Zn, Mg-9Al-0.7Zn, and Mg-9Al-1.0Zn in a NaCl solution. Materials and Corrosion - Werkstoffe Und Korrosion, 2019, 70, 2082-2087.	1.5	12
7	Design and Fabrication of a Sandwichlike Zn/Cu/Al-Zr Coating for Superior Anticorrosive Protection Performance of ZM5 Mg Alloy. ACS Applied Materials & Interfaces, 2021, 13, 41120-41130.	8.0	11
8	Effect of TiO ₂ Sol and PTFE Emulsion on Properties of Cu-Sn Antiwear and Friction Reduction Coatings. Coatings, 2019, 9, 59.	2.6	10
9	Surface modification of ABS with Cr ⁶⁺ free etching process in the electroless plating. Journal of Adhesion Science and Technology, 2018, 32, 2481-2493.	2.6	8
10	KMnO ₄ system etching process and electroless nickel plating on ABS. Materials and Corrosion - Werkstoffe Und Korrosion, 2019, 70, 720-725.	1.5	8
11	Influence of temperature on the surface property of ABS resin in KMnO ₄ etching solution. Surface and Interface Analysis, 2019, 51, 177-183.	1.8	8
12	Effect of 6-thioguanine, as an electrolyte additive, on the electrochemical behavior of an Al-air battery. Materials and Corrosion - Werkstoffe Und Korrosion, 2020, 71, 1480-1487.	1.5	7
13	Influence of histidine as an electrolyte additive on the electrochemical performance of Al electrodes in 4.0% M KOH electrolyte. Materials and Corrosion - Werkstoffe Und Korrosion, 2020, 71, 1473-1479.	1.5	5
14	Study on Direct Current Electro-Deposition of Copper Nanowires in Anodic Alumina Membrane Pores. Coatings, 2019, 9, 378.	2.6	4
15	Electrochemical properties of Ln(III) (Ln = Ce, Gd) in 1-butyl-3-methylimidazolium tetrafluoroborate ionic liquid. Journal of Radioanalytical and Nuclear Chemistry, 2021, 329, 1269-1276.	1.5	4
16	Effect of concentration of Ce(NO ₃) ₃ ·6H ₂ O and temperature on the corrosion resistance of Al ₂ O ₃ /cerium oxide composite films on 1060 Al alloy. Materials and Corrosion - Werkstoffe Und Korrosion, 2019, 70, 1306-1313.	1.5	3
17	Preparation and Corrosion Performance of PPy/Silane Film on AZ31 Magnesium Alloy via One-Step Cyclic Voltammetry. Polymers, 2021, 13, 3148.	4.5	3
18	Effects of the addition of Na ₂ SnO ₃ to NaCl electrolytes on Mg-14Li-3Al-1Gd electrode electrochemical behavior. Materials and Corrosion - Werkstoffe Und Korrosion, 2020, 71, 564-570.	1.5	1