

Yanlong

List of Publications by Year in descending order

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14
times ranked

260
citing authors

#	ARTICLE	IF	CITATIONS
1	Localised corrosion in AA 2099-T83 aluminium-lithium alloy: The role of grain orientation. Corrosion Science, 2016, 107, 41-48.	3.0	120
2	Strengthening a dual-phase Mgâ€“Li alloy by strain-induced phase transformation at room temperature. Scripta Materialia, 2020, 179, 16-19.	2.6	51
3	Crystallographic defects induced localised corrosion in AA2099-T8 aluminium alloy. Corrosion Engineering Science and Technology, 2015, 50, 420-424.	0.7	46
4	Phase constitution, microstructure and properties of pulsed laser-clad ternary CrNiTi medium-entropy alloy coating on pure titanium. Surface and Coatings Technology, 2020, 402, 126503.	2.2	35
5	Effect of Iron-Containing Intermetallic Particles on Film Structure and Corrosion Resistance of Anodized AA2099 Alloy. Journal of the Electrochemical Society, 2018, 165, C573-C581.	1.3	30
6	Slip behavior and its effect on rolling texture development in a dual-phase Mgâ€“Li alloy. Journal of Alloys and Compounds, 2020, 813, 152117.	2.8	25
7	Correlation between localized plastic deformation and localized corrosion in AA2099 aluminumâ€“lithium alloy. Surface and Interface Analysis, 2016, 48, 838-842.	0.8	21
8	Corrosion and Anodizing Behavior of T₁ (Al₂CuLi) Precipitates in Al-Cu-Li Alloy. Journal of the Electrochemical Society, 2019, 166, C296-C303.	1.3	19
9	A superhydrophobic and corrosion resistant layered double hydroxides coating on AA2099-T83 Al-Cu-Li alloy. Surface and Coatings Technology, 2021, 405, 126629.	2.2	19
10	Microstructural origin of localized corrosion in anodized AA2099â€“T8 aluminiumâ€“lithium alloy. Surface and Interface Analysis, 2016, 48, 739-744.	0.8	12
11	Formation of layered double hydroxides film on AA2099-T83 Al-Cu-Li alloy and its effect on corrosion resistance. Surface and Coatings Technology, 2019, 378, 124967.	2.2	12
12	Sealing of anodized AA2099-T83 Al-Cu-Li alloy with layered double hydroxides for high corrosion resistance at reduced anodic film thickness. Surface and Coatings Technology, 2020, 394, 125852.	2.2	12
13	Effect of Barrier Layer on Corrosion Resistance of Porous-Type Anodic Films Formed on AA2055 Alâ€“Cuâ€“Li Alloy and Pure Aluminum. Journal of the Electrochemical Society, 2020, 167, 041508.	1.3	3
14	Fabrication of Pt-Nanoparticle-Loaded Mesoporous Alumina Coating through Anodizing of an Al-Pt Alloy. ECS Journal of Solid State Science and Technology, 2020, 9, 123003.	0.9	2