

O Gharbi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3059240/publications.pdf>

Version: 2024-02-01

17
papers

950
citations

567281

15
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

801
citing authors

#	ARTICLE	IF	CITATIONS
1	Impedance Response of a Thin Film on an Electrode: Deciphering the Influence of the Double Layer Capacitance. <i>ChemPhysChem</i> , 2021, 22, 1371-1378.	2.1	13
2	Electrochemical impedance spectroscopy. <i>Nature Reviews Methods Primers</i> , 2021, 1, .	21.2	308
3	On the in-situ aqueous stability of an Mg-Li-(Al-Y-Zr) alloy: Role of Li. <i>Corrosion Science</i> , 2020, 164, 108342.	6.6	25
4	Characterisation of Li in the surface film of a corrosion resistant Mg-Li-(Al-Y-Zr) alloy. <i>Applied Surface Science</i> , 2019, 494, 1066-1071.	6.1	36
5	Investigating ion release using inline ICP during in situ scratch testing of an Mg-Li-(Al-Y-Zr) alloy. <i>Electrochemistry Communications</i> , 2019, 99, 46-50.	4.7	24
6	Investigating the Structure of the Surface Film on a Corrosion Resistant Mg-Li-(Al-Y-Zr) Alloy. <i>Corrosion</i> , 2019, 75, 80-89.	1.1	23
7	On the Characterization of a Hitherto Unreported Icosahedral Quasicrystal Phase in Additively Manufactured Aluminum Alloy AA7075. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 529-533.	2.2	18
8	Recent Developments in Magnesium Alloy Corrosion Research. <i>Minerals, Metals and Materials Series</i> , 2018, , 17-17.	0.4	0
9	Investigating the Effect of Ferrous Ions on the Anomalous Hydrogen Evolution on Magnesium in Acidic Ferrous Chloride Solution. <i>Journal of the Electrochemical Society</i> , 2018, 165, C916-C925.	2.9	15
10	Corrosion of Additively Manufactured Alloys: A Review. <i>Corrosion</i> , 2018, 74, 1318-1350.	1.1	206
11	On the corrosion of additively manufactured aluminium alloy AA2024 prepared by selective laser melting. <i>Corrosion Science</i> , 2018, 143, 93-106.	6.6	83
12	On the corrosion, electrochemistry and microstructure of Al-Cu-Li alloy AA2050 as a function of ageing. <i>Materialia</i> , 2018, 1, 25-36.	2.7	26
13	Clarifying the Dissolution Mechanisms and Electrochemistry of Mg ₂ Si as a Function of Solution pH. <i>Journal of the Electrochemical Society</i> , 2018, 165, C497-C501.	2.9	24
14	Li reactivity during the surface pretreatment of Al-Li alloy AA2050-T3. <i>Electrochimica Acta</i> , 2017, 243, 207-219.	5.2	27
15	On the effect of Fe concentration on Mg dissolution and activation studied using atomic emission spectroelectrochemistry and scanning electrochemical microscopy. <i>Electrochimica Acta</i> , 2016, 210, 271-284.	5.2	40
16	In-Situ Monitoring of Alloy Dissolution and Residual Film Formation during the Pretreatment of Al-Alloy AA2024-T3. <i>Journal of the Electrochemical Society</i> , 2016, 163, C240-C251.	2.9	25
17	Mg Dissolution in Phosphate and Chloride Electrolytes: Insight into the Mechanism of the Negative Difference Effect. <i>Corrosion</i> , 2015, 71, 234-241.	1.1	57