

Rejane Maria Pereira da Silva

List of Publications by Year in descending order

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19
papers

170
citations

1162367

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1125271

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19
all docs

19
docs citations

19
times ranked

115
citing authors

#	ARTICLE	IF	CITATIONS
1	Corrosion behaviour of the 2098-T351 Al-Cu-Li alloy after different surface treatments. <i>Corrosion Engineering Science and Technology</i> , 2022, 57, 269-279.	0.7	1
2	Development of an Al ³⁺ ion-selective microelectrode for the potentiometric microelectrochemical monitoring of corrosion sites on 2098-T351 aluminum alloy surfaces. <i>Electrochimica Acta</i> , 2022, 415, 140260.	2.6	6
3	Electrochemical characterization of alloy segregation in the near-surface deformed layer of welded zones of an Al-Cu-Li alloy using scanning electrochemical microscopy. <i>Electrochimica Acta</i> , 2022, 427, 140873.	2.6	3
4	Surface finishing effects on the corrosion behavior and electrochemical activity of 2098-T351 aluminum alloy investigated using scanning microelectrochemical techniques. <i>Materials Characterization</i> , 2022, 191, 112130.	1.9	4
5	Corrosion protection of the AA2198-T8 alloy by environmentally friendly organic-inorganic sol-gel coating based on bis(1,2-(triethoxysilyl) ethane. <i>Surface and Interface Analysis</i> , 2021, 53, 314-329.	0.8	2
6	Influence of chloride ions concentration on the development of severe localised corrosion and its effects on the electrochemical response of the 2198-T8 alloy. <i>Corrosion Engineering Science and Technology</i> , 2021, 56, 341-350.	0.7	5
7	On the local corrosion behavior of coupled welded zones of the 2098-T351 Al-Cu-Li alloy produced by Friction Stir Welding (FSW): An amperometric and potentiometric microelectrochemical investigation. <i>Electrochimica Acta</i> , 2021, 373, 137910.	2.6	11
8	Galvanic coupling effects on the corrosion behavior of the 6061 aluminum alloy used in research nuclear reactors. <i>Journal of Nuclear Materials</i> , 2020, 541, 152440.	1.3	12
9	Surface chemistry, film morphology, local electrochemical behavior and cytotoxic response of anodized AZ31B magnesium alloy. <i>Journal of Materials Research and Technology</i> , 2020, 9, 14754-14770.	2.6	17
10	Galvanic and asymmetry effects on the local electrochemical behavior of the 2098-T351 alloy welded by friction stir welding. <i>Journal of Materials Science and Technology</i> , 2020, 45, 162-175.	5.6	20
11	Microstructural, Electrochemical and Localized Corrosion Characterization of the AA2198-T851 Alloy. <i>Materials Research</i> , 2020, 23, .	0.6	8
12	The local electrochemical behavior of the AA2098-T351 and surface preparation effects investigated by scanning electrochemical microscopy. <i>Surface and Interface Analysis</i> , 2019, 51, 982-992.	0.8	12
13	Structural, Adhesion and Electrochemical Characterization of Electroless Plated Ni-P-Carbon Black Composite Films on API 5L X80 Steel. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 4751-4761.	1.2	6
14	Exfoliation corrosion susceptibility in the zones of friction stir welded AA2098-T351. <i>Journal of Materials Research and Technology</i> , 2019, 8, 5916-5929.	2.6	15
15	Macro and microgalvanic interactions in friction stir weldment of AA2198-T851 alloy. <i>Journal of Materials Research and Technology</i> , 2019, 8, 6209-6222.	2.6	16
16	Surface Analysis, Microstructural Characterization and Local Corrosion Processes in Decarburized SAE 9254 Spring Steel. <i>Corrosion</i> , 2019, 75, 1474-1486.	0.5	1
17	Comparison of the corrosion resistance of an Al-Cu alloy and an Al-Cu-Li alloy. <i>Corrosion Engineering Science and Technology</i> , 2019, 54, 402-412.	0.7	20
18	Scanning Electrochemical Microscopy (SECM) Study of the Electrochemical Behavior of Anodized AZ31B Magnesium Alloy in Simulated Body Fluid. <i>Materials Research</i> , 2019, 22, .	0.6	3

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19	Poly-L-Arginine-Modified Boron-Doped Diamond and Glassy Carbon Electrodes for Terbutaline Sulfate Detection. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 4551-4558.	0.9	8