

Maria Rita Ortega Vega

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Protic Ionic Liquids Used as Metal-Forming Green Lubricants for Aluminum: Effect of Anion Chain Length. <i>Materials Research</i> , 2017, 20, 675-687.	1.3	33
2	An amino-based protic ionic liquid as a corrosion inhibitor of mild steel in aqueous chloride solutions. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2020, 71, 1175-1193.	1.5	27
3	Influence of the support on PtSn electrocatalysts behavior: Ethanol electro-oxidation performance and in-situ ATR-FTIRS studies. <i>Applied Catalysis B: Environmental</i> , 2016, 193, 170-179.	20.2	25
4	Oleate-Based Protic Ionic Liquids As Lubricants for Aluminum 1100. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 12386-12396.	3.7	20
5	Influence of activated carbon porous texture on catalyst activity for ethanol electro-oxidation. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 14760-14767.	7.1	18
6	Correlation between morphology and electrochemical behavior of chromium-free conversion coatings for aluminum alloys corrosion protection. <i>Surface and Coatings Technology</i> , 2018, 351, 115-127.	4.8	16
7	2-methyl-2-hydroxyethylammonium oleate ionic liquid performance as corrosion inhibitor for mild steel in hydrochloric acid medium. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2020, 71, 1885-1902.	1.5	16
8	Influence of anion chain length of protic ionic liquids on the corrosion resistance of API X70 steel. <i>Corrosion Engineering Science and Technology</i> , 2015, 50, 547-558.	1.4	12
9	2-hydroxyethylammonium oleate protic ionic liquid as corrosion inhibitor for aluminum in neutral medium. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2021, 72, 543-556.	1.5	11
10	Tribocorrosion and Electrochemical Behavior of DIN 1.4110 Martensitic Stainless Steels After Cryogenic Heat Treatment. <i>Materials Research</i> , 2017, 20, 460-468.	1.3	9
11	Toxicity of oleate-based amino protic ionic liquids towards <i>Escherichia coli</i> , Danio rerio embryos and human skin cells. <i>Journal of Hazardous Materials</i> , 2022, 422, 126896.	12.4	9
12	Anticorrosive performance of commercial nanoceramic coatings on AISI 1010 steel. <i>Materials Research</i> , 2014, 17, 1497-1506.	1.3	8
13	Determination of hydrogen trapping mechanisms by microprinting in Ni and Co coatings obtained by HVOF. <i>Surface and Coatings Technology</i> , 2019, 362, 262-273.	4.8	8
14	Niobium and niobium-iron coatings on API 5LX 70 steel applied with HVOF. <i>Materials Research</i> , 2014, 17, 866-877.	1.3	6
15	Localized corrosion behavior studies by SVET of 1010 steel in different concentrations of sodium chloride containing [m-2HEA][OI] ionic liquid as corrosion inhibitor. <i>Electrochimica Acta</i> , 2022, 419, 140385.	5.2	5
16	Effect of concentrations of plasticizers on the sol-gel properties developed from alkoxides precursors. <i>Polimeros</i> , 2017, 27, 346-352.	0.7	2