

Maria Rita Ortega Vega

List of Publications by Year in descending order

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papers

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citations

1163117

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16
docs citations

16
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293
citing authors

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