

Manuel J S Farias

List of Publications by Year in descending order

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840776

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474
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of dissolved CO in the solution on the origin of CO pre-oxidation on Pt(1 1 1)-Type electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2021, 896, 115382.	3.8	0
2	Monitoring of CO Binding Sites on Stepped Pt Single Crystal Electrodes in Alkaline Solutions by in Situ FTIR Spectroscopy. <i>Langmuir</i> , 2020, 36, 704-714.	3.5	7
3	Identity of the Most and Least Active Sites for Activation of the Pathways for CO ₂ Formation from the Electro-oxidation of Methanol and Ethanol on Platinum. <i>ACS Catalysis</i> , 2020, 10, 543-555.	11.2	18
4	Surface Defects as Ingredients That Can Improve or Inhibit the Pathways for CO Oxidation at Low Overpotentials Using Pt(111)-Type Catalysts. <i>Journal of Physical Chemistry C</i> , 2020, 124, 26583-26595.	3.1	6
5	Determination of Specific Electrocatalytic Sites in the Oxidation of Small Molecules on Crystalline Metal Surfaces. <i>Topics in Current Chemistry Collections</i> , 2020, , 79-103.	0.5	0
6	Determination of Specific Electrocatalytic Sites in the Oxidation of Small Molecules on Crystalline Metal Surfaces. <i>Topics in Current Chemistry</i> , 2019, 377, 5.	5.8	11
7	Unraveling the Nature of Active Sites in Ethanol Electro-oxidation by Site-Specific Marking of a Pt Catalyst with Isotope-Labeled ¹³ CO. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1206-1210.	4.6	16
8	Requirement of initial long-range substrate structure in unusual CO pre-oxidation on Pt(111) electrodes. <i>Electrochemistry Communications</i> , 2018, 97, 60-63.	4.7	6
9	Mobility and Oxidation of Adsorbed CO on Shape-Controlled Pt Nanoparticles in Acidic Medium. <i>Langmuir</i> , 2017, 33, 865-871.	3.5	20
10	Nonuniform Synergistic Effect of Sn and Ru in Site-Specific Catalytic Activity of Pt at Bimetallic Surfaces toward CO Electro-oxidation. <i>ACS Catalysis</i> , 2017, 7, 3434-3445.	11.2	33
11	Site-specific catalytic activity of model platinum surfaces in different electrolytic environments as monitored by the CO oxidation reaction. <i>Journal of Catalysis</i> , 2017, 345, 216-227.	6.2	20
12	Disentangling Catalytic Activity at Terrace and Step Sites on Selectively Ru-Modified Well-Ordered Pt Surfaces Probed by CO Electro-oxidation. <i>ACS Catalysis</i> , 2016, 6, 2997-3007.	11.2	27
13	Understanding the CO Preoxidation and the Intrinsic Catalytic Activity of Step Sites in Stepped Pt Surfaces in Acidic Medium. <i>Journal of Physical Chemistry C</i> , 2015, 119, 20272-20282.	3.1	54
14	Influence of the CO Adsorption Environment on Its Reactivity with (111) Terrace Sites in Stepped Pt Electrodes under Alkaline Media. <i>Journal of Physical Chemistry C</i> , 2014, 118, 1925-1934.	3.1	36
15	On the behavior of CO oxidation on shape-controlled Pt nanoparticles in alkaline medium. <i>Journal of Electroanalytical Chemistry</i> , 2014, 716, 16-22.	3.8	26
16	Site Selectivity for CO Adsorption and Stripping on Stepped and Kinked Platinum Surfaces in Alkaline Medium. <i>Journal of Physical Chemistry C</i> , 2013, 117, 2903-2913.	3.1	57
17	On the apparent lack of preferential site occupancy and electrooxidation of CO adsorbed at low coverage onto stepped platinum surfaces. <i>Electrochemistry Communications</i> , 2011, 13, 338-341.	4.7	20