Janaina Souza-Garcia

List of Publications by Year
in descending order

26	595	687363 13	642732 23
papers	citations	h-index	g-index

27	27	27	572
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Breaking the Cï¿¿C Bond in the Ethanol Oxidation Reaction on Platinum Electrodes: Effect of Steps and Ruthenium Adatoms. ChemPhysChem, 2010, 11, 1391-1394.	2.1	76
2	Electrochemical and spectroscopic studies of ethanol oxidation on Pt stepped surfaces modified by tin adatoms. Physical Chemistry Chemical Physics, 2011, 13, 12163.	2.8	75
3	Electroreduction of nitrate ions on Pt(1 1 1) electrodes modified by copper adatoms. Electrochimica Acta, 2010, 56, 154-165.	5.2	56
4	Nitrate reduction on Pt(111) surfaces modified by Bi adatoms. Electrochemistry Communications, 2009, 11, 1760-1763.	4.7	50
5	Nitrate reduction on Pt single crystals with Pd multilayer. Electrochimica Acta, 2009, 54, 2094-2101.	5.2	43
6	Mechanistic aspects of glycerol electrooxidation on Pt(111) electrode in alkaline media. Electrochemistry Communications, 2018, 86, 149-152.	4.7	31
7	Voltammetric characterization of stepped platinum single crystal surfaces vicinal to the (110) pole. Electrochemistry Communications, 2009, 11, 1515-1518.	4.7	30
8	Insights of glycerol electrooxidation on polycrystalline silver electrode. Journal of Electroanalytical Chemistry, 2016, 780, 391-395.	3.8	29
9	Mechanism of nitrate electroreduction on Pt(100). Russian Journal of Electrochemistry, 2012, 48, 302-315.	0.9	27
10	Electrocatalytic Oxidation of Glycerol on Platinum Single Crystals in Alkaline Media. ChemElectroChem, 2019, 6, 4238-4245.	3.4	27
11	Electrocatalytic reduction of carbon dioxide on platinum single crystal electrodes modified with adsorbed adatoms. Journal of Electroanalytical Chemistry, 2012, 668, 51-59.	3.8	25
12	Mechanistic changes observed in heavy water for nitrate reduction reaction on palladium-modified Pt(hkl) electrodes. Chemical Science, 2012, 3, 3063.	7.4	18
13	Electrochemical features of Pt(S)[n(110)Ã—(100)] surfaces in acidic media. Electrochemistry Communications, 2013, 34, 291-294.	4.7	16
14	The behavior of HBF4 at Pt single crystal electrodes. Journal of Electroanalytical Chemistry, 2010, 646, 100-106.	3.8	11
15	Kinetics and mechanism of nitrate and nitrite electroreduction on Pt(100) electrodes modified by copper adatoms. Russian Journal of Electrochemistry, 2013, 49, 285-293.	0.9	11
16	Oxide formation as probe to investigate the competition between water and alcohol molecules for OH species adsorbed on platinum. Electrochimica Acta, 2019, 317, 694-700.	5.2	11
17	Electrochemical properties of palladium adlayers on Pt(110) substrates. Journal of Electroanalytical Chemistry, 2011, 660, 276-284.	3.8	10
18	Glycerol Electrooxidation on Noble Metal Electrode Surfaces. , 2018, , 643-650.		10

#	Article	IF	Citations
19	Perovskite oxides as electrocatalyst for glycerol oxidation. Journal of Electroanalytical Chemistry, 2021, 896, 115198.	3.8	9
20	Nitrate anion reduction in aqueous perchloric acid as an electrochemical probe of Pt{1â€¯1â€¯0}-(1â€¯Ã—â€¯1) terrace sites. Journal of Catalysis, 2019, 378, 238-247.	6.2	8
21	Redox transformations of adsorbed NO molecules on a Pt(100) electrode. Russian Journal of Electrochemistry, 2014, 50, 370-378.	0.9	7
22	The role of adsorbates in electrocatalytic systems: An analysis of model systems with single crystals. Current Opinion in Electrochemistry, 2021, 26, 100666.	4.8	6
23	Imaging decorated platinum single crystal electrodes by scanning electrochemical microscopy. Electrochimica Acta, 2011, 56, 10708-10712.	5.2	4
24	THE ROLE OF ANIONS IN SINGLE CRYSTAL PLATINUM CYCLIC VOLTAMMOGRAMS. Quimica Nova, 2015, , .	0.3	2
25	Spectroelectrochemistry Applied to Electrocatalytic Processes. , 2018, , 486-495.		1
26	TECHNICAL CONSIDERATIONS REGARDING THE USE OF STAIRCASE SWEEP VOLTAMMETRY. Quimica Nova, 2014, , .	0.3	0