

MarÃ-a F Juarez

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

723
citations

840776

11
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

1228
citing authors

#	ARTICLE	IF	CITATIONS
1	Volcano plots in hydrogen electrocatalysis – uses and abuses. Beilstein Journal of Nanotechnology, 2014, 5, 846-854.	2.8	410
2	Sulfate, Bisulfate, and Hydrogen Co-adsorption on Pt(111) and Au(111) in an Electrochemical Environment. Frontiers in Chemistry, 2020, 8, 634.	3.6	43
3	Screening of ions in carbon and gold nanotubes – A theoretical study. Electrochemistry Communications, 2014, 45, 48-51.	4.7	34
4	Nanotubes for charge storage – towards an atomistic model. Electrochimica Acta, 2015, 162, 11-16.	5.2	31
5	Electronic Anisotropy at Vicinal Ag(111) Surfaces: Work Function Changes Induced by Steps and Hydrogen Adsorption. Journal of Physical Chemistry C, 2013, 117, 4606-4618.	3.1	23
6	A scenario for oxygen reduction in alkaline media. Nano Energy, 2016, 26, 558-564.	16.0	20
7	On the Energetics of Ions in Carbon and Gold Nanotubes. ChemPhysChem, 2016, 17, 78-85.	2.1	19
8	Oxygen Reduction in Alkaline Media – a Discussion. Electrocatalysis, 2017, 8, 554-564.	3.0	17
9	A scenario for oxygen reduction in alkaline media. Nano Energy, 2016, 29, 362-368.	16.0	15
10	Spontaneous formation of metallic nanostructures on highly oriented pyrolytic graphite (HOPG): an ab initio and experimental study. Faraday Discussions, 2014, 172, 327-347.	3.2	14
11	Oxygen Reduction on Ag(100) in Alkaline Solutions – A Theoretical Study. ChemPhysChem, 2016, 17, 500-505.	2.1	12
12	Carbon electrodes for energy storage: general discussion. Faraday Discussions, 2014, 172, 239-260.	3.2	11
13	Defying Coulomb's law: A lattice-induced attraction between lithium ions. Carbon, 2018, 139, 808-812.	10.3	10
14	Tuning the rate of an outer-sphere electron transfer by changing the electronic structure of carbon nanotubes. Journal of Electroanalytical Chemistry, 2019, 847, 113186.	3.8	10
15	Role of the Partial Charge Transfer on the Chloride Adlayers on Au(100). ChemElectroChem, 2020, 7, 4269-4282.	3.4	10
16	Hydrogen Oxidation in Alkaline Media: the Bifunctional Mechanism for Water Formation. Electrocatalysis, 2019, 10, 584-590.	3.0	7
17	The initial stage of OH adsorption on Ni(111). Journal of Electroanalytical Chemistry, 2019, 832, 137-141.	3.8	7
18	Interaction of Hydrogen with Au Modified by Pd and Rh in View of Electrochemical Applications. Computation, 2016, 4, 26.	2.0	6

#	ARTICLE	IF	CITATIONS
19	Interaction between chloride ions mediated by carbon nanotubes: a chemical attraction. Journal of Solid State Electrochemistry, 2020, 24, 3207-3214.	2.5	5
20	The role of the organic layer functionalization in the formation of silicon/organic layer/metal junctions with coinage metals. Physical Chemistry Chemical Physics, 2011, 13, 21411.	2.8	4
21	An Unusual Exchange Mechanism in the Tafel Reaction on Pt(110) (1 \times 1) Surfaces. ChemElectroChem, 2019, 6, 3279-3284.	3.4	4
22	Interactions of ions across carbon nanotubes. Physical Chemistry Chemical Physics, 2020, 22, 10603-10608.	2.8	4
23	Composition and Electronic Structure of Mn ₃ O ₄ and Co ₃ O ₄ Cathodes in Zinc-Air Batteries: A DFT Study. Journal of Physical Chemistry C, 2022, 126, 2561-2572.	3.1	3
24	Why are trace amounts of chloride so highly surface-active?. Journal of Electroanalytical Chemistry, 2019, 847, 113128.	3.8	2
25	Role of surface contaminants, functionalities, defects and electronic structure: general discussion. Faraday Discussions, 2014, 172, 365-395.	3.2	1
26	Combined ab initio and XPS Investigations of the Electronic Interactions of L-Cysteine Adsorbed on GaAs(1 0 0). ChemistrySelect, 2016, 1, 3623-3634.	1.5	1