CÃ©sar A ZÃºÃ±iga

List of Publications by Year
in descending order

10 papers	236 citations	1478505 6 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	294 citing authors

#	Article	IF	Citations
1	Towards a unified way of comparing the electrocatalytic activity MN4 macrocyclic metal catalysts for O2 reduction on the basis of the reversible potential of the reaction. Electrochemistry Communications, 2014, 41, 24-26.	4.7	62
2	Elucidating the mechanism of the oxygen reduction reaction for pyrolyzed Fe-N-C catalysts in basic media. Electrochemistry Communications, 2019, 102, 78-82.	4.7	51
3	Comparison of the catalytic activity for O₂reduction of Fe and Co MN4 adsorbed on graphite electrodes and on carbon nanotubes. Physical Chemistry Chemical Physics, 2017, 19, 20441-20450.	2.8	45
4	Insights into the electronic structure of Fe penta-coordinated complexes. Spectroscopic examination and electrochemical analysis for the oxygen reduction and oxygen evolution reactions. Journal of Materials Chemistry A, 2021, 9, 23802-23816.	10.3	27
5	Reactivity indexes for the electrocatalytic oxidation of hydrogen peroxide promoted by several ligand-substituted and unsubstituted Co phthalocyanines adsorbed on graphite. Journal of Electroanalytical Chemistry, 2016, 765, 22-29.	3.8	18
6	Activity volcano plots for the oxygen reduction reaction using FeN4 complexes: From reported experimental data to the electrochemical meaning. Current Opinion in Electrochemistry, 2022, 32, 100923.	4.8	12
7	Substituent effects on the photophysical properties of amino-aurone-derivatives. Molecular Physics, 2019, 117, 1451-1458.	1.7	6
8	Oxygen reduction reaction on a 68-atom-gold cluster supported on carbon nanotubes: theoretical and experimental analysis. Materials Chemistry Frontiers, 2021, 5, 7529-7539.	5.9	6
9	SIMPLE STEPS FOR SYNTHESIS OF SILICON OXIDE MESOPOROUS MATERIALS USED AS TEMPLATE. Journal of the Chilean Chemical Society, 2013, 58, 1998-2000.	1.2	5
10	Green Synthesis and Electrochemical Properties of Mono- and Dimers Derived from Phenylaminoisoquinolinequinones. Molecules, 2019, 24, 4378.	3.8	4