Juan V Perales-Rondon

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11741645/publications.pdf

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17	437	933447	888059
papers	citations	10 h-index	17 g-index

17	17	17	387
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of the anion adsorption and pH on the formic acid oxidation reaction on Pt(111) electrodes. Electrochimica Acta, 2014, 140, 511-517.	5.2	70
2	Further Insights into the Formic Acid Oxidation Mechanism on Platinum: pH and Anion Adsorption Effects. Electrochimica Acta, 2015, 180, 479-485.	5.2	70
3	Quantitative Raman spectroelectrochemistry using silver screen-printed electrodes. Electrochimica Acta, 2018, 264, 183-190.	5.2	51
4	Electrochemical surface oxidation enhanced Raman scattering. Electrochimica Acta, 2018, 282, 377-383.	5.2	36
5	Determination of uric acid in synthetic urine by using electrochemical surface oxidation enhanced Raman scattering. Analytica Chimica Acta, 2019, 1085, 61-67.	5.4	33
6	On the activation energy of the formic acid oxidation reaction on platinum electrodes. Journal of Electroanalytical Chemistry, 2015, 742, 90-96.	3.8	30
7	Rapid screening of silver nanoparticles for the catalytic degradation of chlorinated pollutants in water. Applied Catalysis B: Environmental, 2015, 163, 554-563.	20.2	29
8	Electrochemical SERS and SOERS in a single experiment: A new methodology for quantitative analysis. Electrochimica Acta, 2020, 334, 135561.	5.2	25
9	Effect of chloride and pH on the electrochemical surface oxidation enhanced Raman scattering. Applied Surface Science, 2019, 473, 366-372.	6.1	18
10	Oxygen crossover effect on palladium and platinum based electrocatalysts during formic acid oxidation studied by scanning electrochemical microscopy. Journal of Electroanalytical Chemistry, 2017, 793, 218-225.	3.8	15
11	Determination of nicotinamide in a multivitamin complex by electrochemical-surface enhanced Raman spectroscopy. Journal of Electroanalytical Chemistry, 2020, 879, 114743.	3.8	13
12	Chemical selectivity in electrochemical surface oxidation enhanced Raman scattering. Electrochimica Acta, 2020, 353, 136560.	5.2	12
13	Spectroelectrochemistry of Quantum Dots. Israel Journal of Chemistry, 2019, 59, 679-694.	2.3	9
14	Enhancement factors in electrochemical surface oxidation enhanced Raman scattering. Electrochimica Acta, 2021, 380, 138223.	5.2	9
15	Roughened silver microtubes for reproducible and quantitative SERS using a template-assisted electrosynthesis approach. Applied Materials Today, 2020, 20, 100710.	4.3	6
16	Simultaneous Raman and reflection UV/Vis absorption spectroelectrochemistry. Nano Research, 2022, 15, 5340-5346.	10.4	6
17	Platinum-zeolite hybrid catalyst for the electrooxidation of formic acid. Journal of Electroanalytical Chemistry, 2021, 896, 115491.	3.8	5