

Luis A Romero-Cano

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

239
citations

8
h-index

15
g-index

21
ext. papers

325
ext. citations

5.2
avg, IF

3.59
L-index

#	Paper	IF	Citations
18	Isotopic Characterization of 100% Agave Tequila (Silver, Aged and Extra-Aged Class) for Its Use as an Additional Parameter in the Determination of the Authenticity of the Beverage Maturation Time. <i>Molecules</i> , 2021 , 26,	4.8	4
17	Chemical characterization of tequila maturation process and their connection with the physicochemical properties of the cask. <i>Journal of Food Composition and Analysis</i> , 2021 , 98, 103804	4.1	3
16	Development of Bio-inspired Composite Materials for the Detection of Traces of Silver Present in Water: Use of Taguchi Methodology to Design Low-cost Carbon Paste Electrodes. <i>Electroanalysis</i> , 2021 , 33, 1952-1962	3	
15	Scale-up Fenton process: study and optimization in piggery wastewater treatment. <i>Journal of Chemical Technology and Biotechnology</i> , 2021 , 96, 341-348	3.5	1
14	Iron precursor salt effect on the generation of OH radicals and sulfamethoxazole degradation through a heterogeneous Fenton process using Carbon-Fe catalysts. <i>Journal of Water Process Engineering</i> , 2020 , 36, 101273	6.7	8
13	Removal of emerging pollutants present in water using an E-coli biofilm supported onto activated carbons prepared from argan wastes: Adsorption studies in batch and fixed bed. <i>Science of the Total Environment</i> , 2020 , 720, 137491	10.2	13
12	Analytical characterization of tequila (silver class) using stable isotope analyses of C, O and atomic absorption as additional criteria to determine authenticity of beverage. <i>Food Control</i> , 2020 , 112, 107161	6.2	5
11	Coupled Adsorption and Electrochemical Process for Copper Recovery from Wastewater Using Grapefruit Peel. <i>Journal of Environmental Engineering, ASCE</i> , 2020 , 146, 04020100	2	2
10	Surface functionalization to abate the irreversible capacity of hard carbons derived from grapefruit peels for sodium-ion batteries. <i>Electrochimica Acta</i> , 2019 , 326, 134973	6.7	16
9	Electrochemical detection of copper in water using carbon paste electrodes prepared from bio-template (grapefruit peels) functionalized with carboxyl groups. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 837, 22-29	4.1	14
8	Towards understanding of heterogeneous Fenton reaction using carbon-Fe catalysts coupled to in-situ HO electro-generation as clean technology for wastewater treatment. <i>Chemosphere</i> , 2019 , 224, 698-706	8.4	29
7	Amino-functionalized material from a bio-template for silver adsorption: process evaluation in batch and fixed bed. <i>Journal of Chemical Technology and Biotechnology</i> , 2019 , 94, 590-599	3.5	5
6	Influence of Surface Chemistry on the Electrochemical Performance of Biomass-Derived Carbon Electrodes for its Use as Supercapacitors. <i>Materials</i> , 2019 , 12,	3.5	4
5	Solvent effect in the synthesis of nanostructured PtSn/CNT as electrocatalysts for the electrooxidation of ethanol. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 12430-12438	6.7	8
4	Use of carbon paste electrodes as a novel strategy to study adsorption mechanism of silver ions onto functionalized grapefruit peel. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 830-831, 20-26	4.1	7
3	Functionalized adsorbents prepared from fruit peels: Equilibrium, kinetic and thermodynamic studies for copper adsorption in aqueous solution. <i>Journal of Cleaner Production</i> , 2017 , 162, 195-204	10.3	67
2	Grapefruit peels as biosorbent: characterization and use in batch and fixed bed column for Cu(II) uptake from wastewater. <i>Journal of Chemical Technology and Biotechnology</i> , 2017 , 92, 1650-1658	3.5	18

- 1 Biosorbents prepared from orange peels using Instant Controlled Pressure Drop for Cu(II) and phenol removal. *Industrial Crops and Products*, **2016**, 84, 344-349 5.9 35