Luis A Romero-Cano

List of Publications by Citations

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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	Functionalized adsorbents prepared from fruit peels: Equilibrium, kinetic and thermodynamic studies for copper adsorption in aqueous solution. *Journal of Cleaner Production*, **2017**, 162, 195-204	10.3	67
17	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
16	Towards understanding of heterogeneous Fenton reaction using carbon-Fe catalysts coupled to in-situ HO electro-generation as clean technology for wastewater treatment. *Chemosphere*, **2019**, 224, 698-706	8.4	29
15	Grapefruit peels as biosorbent: characterization and use in batch and fixed bed column for Cu(II) uptake from wastewater. *Journal of Chemical Technology and Biotechnology*, **2017**, 92, 1650-1658	3.5	18
14	Surface functionalization to abate the irreversible capacity of hard carbons derived from grapefruit peels for sodium-ion batteries. *Electrochimica Acta*, **2019**, 326, 134973	6.7	16
13	Electrochemical detection of copper in water using carbon paste electrodes prepared from bio-template (grapefruit peels) functionalized with carboxyl groups. *Journal of Electroanalytical Chemistry*, **2019**, 837, 22-29	4.1	14
12	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. *Science of the Total Environment*, **2020**, 720, 137491	10.2	13
11	Iron precursor salt effect on the generation of OH radicals and sulfamethoxazole degradation through a heterogeneous Fenton process using Carbon-Fe catalysts. *Journal of Water Process Engineering*, **2020**, 36, 101273	6.7	8
10	Solvent effect in the synthesis of nanostructured PtSn/CNT as electrocatalysts for the electrooxidation of ethanol. *International Journal of Hydrogen Energy*, **2019**, 44, 12430-12438	6.7	8
9	Use of carbon paste electrodes as a novel strategy to study adsorption mechanism of silver ions onto functionalized grapefruit peel. *Journal of Electroanalytical Chemistry*, **2018**, 830-831, 20-26	4.1	7
8	Analytical characterization of tequila (silver class) using stable isotope analyses of C, O and atomic absorption as additional criteria to determine authenticity of beverage. *Food Control*, **2020**, 112, 107161	6.2	5
7	Amino-functionalized material from a bio-template for silver adsorption: process evaluation in batch and fixed bed. *Journal of Chemical Technology and Biotechnology*, **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. *Materials*, **2019**, 12,	3.5	4
5	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. *Molecules*, **2021**, 26,	4.8	4
4	Chemical characterization of tequila maturation process and their connection with the physicochemical properties of the cask. *Journal of Food Composition and Analysis*, **2021**, 98, 103804	4.1	3
3	Coupled Adsorption and Electrochemical Process for Copper Recovery from Wastewater Using Grapefruit Peel. *Journal of Environmental Engineering, ASCE*, **2020**, 146, 04020100	2	2
2	Scale-up Fenton process: study and optimization in piggery wastewater treatment. *Journal of Chemical Technology and Biotechnology*, **2021**, 96, 341-348	3.5	1

List of Publications

1 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. *Electroanalysis*, **2021**, 33, 1952-1962 3