

Carlos Pea-Farfal

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.

26

papers

335

citations

10

h-index

17

g-index

30

ext. papers

385

ext. citations

3.9

avg, IF

3.21

L-index

#	Paper	IF	Citations
26	Preliminary evaluation of biogenic amines content in Chilean young varietal wines by HPLC. <i>Food Control</i> , 2012 , 23, 251-257	6.2	52
25	Ultrasound bath-assisted enzymatic hydrolysis procedures as sample pretreatment for the multielement determination in mussels by inductively coupled plasma atomic emission spectrometry. <i>Analytical Chemistry</i> , 2004 , 76, 3541-7	7.8	40
24	Antioxidant and antifungal effects of eugenol incorporated in bionanocomposites of poly(3-hydroxybutyrate)-thermoplastic starch. <i>LWT - Food Science and Technology</i> , 2018 , 98, 260-267	5.4	37
23	Determination of beta-carboline alkaloids in foods and beverages by high-performance liquid chromatography with electrochemical detection at a glassy carbon electrode modified with carbon nanotubes. <i>Analytica Chimica Acta</i> , 2007 , 585, 323-30	6.6	37
22	Development of a bienzymatic amperometric biosensor to determine uric acid in human serum, based on mesoporous silica (MCM-41) for enzyme immobilization. <i>Sensors and Actuators B: Chemical</i> , 2014 , 195, 58-62	8.5	30
21	Speeding up enzymatic hydrolysis procedures for the multi-element determination in edible seaweed. <i>Analytica Chimica Acta</i> , 2005 , 548, 183-191	6.6	30
20	Use of enzymatic hydrolysis for the multi-element determination in mussel soft tissue by inductively coupled plasma-atomic emission spectrometry. <i>Talanta</i> , 2004 , 64, 671-81	6.2	21
19	Removal of arsenic from water by combination of electro-oxidation and polymer enhanced ultrafiltration. <i>Environmental Progress and Sustainable Energy</i> , 2014 , 33, 918-924	2.5	13
18	Development of a Bienzymatic Amperometric Glucose Biosensor Using Mesoporous Silica (MCM-41) for Enzyme Immobilization and Its Application on Liquid Pharmaceutical Formulations. <i>Electroanalysis</i> , 2013 , 25, 308-315	3	10
17	Evaluation of NIR and Raman spectroscopies for the quality analytical control of a solid pharmaceutical formulation with three active ingredients.. <i>Microchemical Journal</i> , 2020 , 154, 104576	4.8	10
16	Simultaneous degradation of 30 pharmaceuticals by anodic oxidation: Main intermediaries and by-products. <i>Chemosphere</i> , 2021 , 269, 128753	8.4	8
15	Size exclusion chromatography - Inductively coupled plasma - Mass spectrometry for determining metal-low molecular weight compound complexes in natural wines. <i>Talanta</i> , 2019 , 195, 558-565	6.2	7
14	A Selective Chromatographic Method to Determine the Dynamic of Biogenic Amines During Brewing Process. <i>Food Analytical Methods</i> , 2016 , 9, 3385-3395	3.4	6
13	Chemical Characterization and Determination of the Anti-Oxidant Capacity of Two Brown Algae with Respect to Sampling Season and Morphological Structures Using Infrared Spectroscopy and Multivariate Analyses. <i>Applied Spectroscopy</i> , 2017 , 71, 2263-2277	3.1	5
12	Electrochemical detection of arsenite with silver electrodes in inorganic electrolyte and natural system mixtures. <i>Journal of the Brazilian Chemical Society</i> , 2011 , 22, 2362-2370	1.5	5
11	Bienzymatic Biosensor for Malic Acid Based on Malate Dehydrogenase and Transaminase Immobilized onto a Glassy Carbon Powder/Carbon Nanotubes/Nad ⁺ Composite Electrode. <i>Electroanalysis</i> , 2017 , 29, 238-243	3	4
10	Study of the Ultrastructure of Eucalyptus globulus Wood Substrates Subjected to Auto-Hydrolysis and Diluted Acid Hydrolysis Pre-treatments and Its Influence on Enzymatic Hydrolysis. <i>Bioenergy Research</i> , 2017 , 10, 714-727	3.1	4

9	In vitro human bioavailability of major, trace and ultra-trace elements in Chilean Natural Wines from Itata Valley. <i>Food and Function</i> , 2018 , 9, 5381-5389	6.1	4
8	OPTIMIZATION AND VALIDATION OF A LIQUID CHROMATOGRAPHIC METHOD FOR DETERMINATION OF CAPSAICIN IN CHILI PEPPERS. <i>Journal of the Chilean Chemical Society</i> , 2019 , 64, 4475-4479	2.5	3
7	A new near-infrared method for simultaneous determination of caffeic acid phenethyl ester and antioxidant activity of propolis samples. <i>Journal of Apicultural Research</i> , 2016 , 55, 8-18	2	3
6	ANALYTICAL TESTING OF THE INTERFERENCE STANDARD METHOD (IFS) FOR METALS IN WINES BY INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY. <i>Journal of the Chilean Chemical Society</i> , 2015 , 60, 3083-3087	2.5	2
5	MECHANICAL AND MORPHOLOGICAL PROPERTIES OF POLY(3-HYDROXYBUTYRATE)-THERMOPLASTIC STARCH/CLAY/EUGENOL BIONANOCOMPOSITES. <i>Journal of the Chilean Chemical Society</i> , 2020 , 65, 4992-4997	2.5	2
4	Liquid-phase polymer-based retention and coupled electrocatalytic oxidation to remove Arsenic in the presence of competitive species. <i>Polymer Bulletin</i> , 2011 , 67, 1773-1784	2.4	1
3	EFFECT OF CHEMICAL AND PHYSICAL VARIABLES IN THE PHOTO-ELECTROCHEMICAL REMOVAL OF ESTRIOL (E3) AND 17 β -ETHINYLESTRADIOL (EE2) IN AQUEOUS SOLUTION. <i>Journal of the Chilean Chemical Society</i> , 2018 , 63, 4250-4256	2.5	1
2	Confocal laser scanning microscopy as a novel tool of hyperspectral imaging for the localization and quantification of fluorescent active principles in pharmaceutical solid dosage forms. <i>Microchemical Journal</i> , 2021 , 168, 106479	4.8	0
1	CHEMICAL CHARACTERIZATION OF SUB-BITUMINOUS COAL FROM THE ARAUCO PROVINCE - CHILE. <i>Journal of the Chilean Chemical Society</i> , 2016 , 61, 2805-2808	2.5	