

# Carlos Leon

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,055  
citations

516710

16  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1583  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative metabolomic study of transgenic versus conventional soybean using capillary electrophoresis–time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1195, 164-173.	3.7	123
2	Capillary Electrophoresis Time-of-Flight Mass Spectrometry for Comparative Metabolomics of Transgenic versus Conventional Maize. <i>Analytical Chemistry</i> , 2008, 80, 6329-6335.	6.5	115
3	Metabolomics of transgenic maize combining Fourier transform-ion cyclotron resonance-mass spectrometry, capillary electrophoresis-mass spectrometry and pressurized liquid extraction. <i>Journal of Chromatography A</i> , 2009, 1216, 7314-7323.	3.7	92
4	Advances in Nutrigenomics research: Novel and future analytical approaches to investigate the biological activity of natural compounds and food functions. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 290-304.	2.8	92
5	MS2Analyzer: A Software for Small Molecule Substructure Annotations from Accurate Tandem Mass Spectra. <i>Analytical Chemistry</i> , 2014, 86, 10724-10731.	6.5	82
6	MS–based analytical methodologies to characterize genetically modified crops. <i>Mass Spectrometry Reviews</i> , 2011, 30, 396-416.	5.4	79
7	Clinically Relevant Correction of Recessive Dystrophic Epidermolysis Bullosa by Dual sgRNA CRISPR/Cas9-Mediated Gene Editing. <i>Molecular Therapy</i> , 2019, 27, 986-998.	8.2	76
8	Modified cyclodextrins for fast and sensitive chiral–capillary electrophoresis–mass spectrometry. <i>Electrophoresis</i> , 2009, 30, 1734-1742.	2.4	69
9	Foodomics evaluation of bioactive compounds in foods. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 96, 2-13.	11.4	68
10	Fibroblast activation and abnormal extracellular matrix remodelling as common hallmarks in three cancer–prone genodermatoses. <i>British Journal of Dermatology</i> , 2019, 181, 512-522.	1.5	46
11	Time of flight <i>i</i> versus <i>l</i> ion trap MS coupled to CE to analyse intact proteins. <i>Journal of Separation Science</i> , 2008, 31, 1810-1818.	2.5	35
12	Anti-proliferative bioactivity against HT-29 colon cancer cells of a withanolides-rich extract from golden berry ( <i>Physalis peruviana</i> L.) calyx investigated by Foodomics. <i>Journal of Functional Foods</i> , 2019, 63, 103567.	3.4	29
13	Urinary Metabolomic Profiling Reveals the Effect of Shenfu Decoction on Chronic Heart Failure in Rats. <i>Molecules</i> , 2015, 20, 11915-11929.	3.8	19
14	Impact of Extreme Obesity and Diet–Induced Weight Loss on the Fecal Metabolome and Gut Microbiota. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2000030.	3.3	19
15	Drug Repurposing Using Biological Networks. <i>Processes</i> , 2021, 9, 1057.	2.8	19
16	Foodomics evaluation of the anti-proliferative potential of <i>Passiflora mollissima</i> seeds. <i>Food Research International</i> , 2020, 130, 108938.	6.2	18
17	Fast and sensitive detection of genetically modified yeasts in wine. <i>Journal of Chromatography A</i> , 2011, 1218, 7550-7556.	3.7	17
18	Capillary electrophoretic profiling of tryptic digests of water soluble proteins from <i>Bacillus thuringiensis</i> -transgenic and non-transgenic maize species. <i>Food Chemistry</i> , 2012, 134, 1607-1615.	8.2	16

#	ARTICLE	IF	CITATIONS
19	Phospholipase A1 Modulates the Cell Envelope Phospholipid Content of <i>Brucella melitensis</i> , Contributing to Polymyxin Resistance and Pathogenicity. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 6717-6724.	3.2	15
20	Foodomics Applications. <i>Comprehensive Analytical Chemistry</i> , 2018, , 643-685.	1.3	12
21	Mechanistic interrogation of mutation-independent disease modulators of RDEB identifies the small leucine-rich proteoglycan PRELP as a TGF- $\beta$ 2 antagonist and inhibitor of fibrosis. <i>Matrix Biology</i> , 2022, 111, 189-206.	3.6	7
22	Transcriptomic Analysis of a Diabetic Skin-Humanized Mouse Model Dissects Molecular Pathways Underlying the Delayed Wound Healing Response. <i>Genes</i> , 2021, 12, 47.	2.4	6
23	Foodomics evaluation of genetically modified organisms. , 2020, , 657-695.		1