

# Carlos CalderÃ³n Castro

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

211  
citations

1163117

8  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

295  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of simple monophasic versus classical biphasic extraction protocols for comprehensive UHPLC-MS/MS lipidomic analysis of Hela cells. <i>Analytica Chimica Acta</i> , 2019, 1048, 66-74.	5.4	35
2	Chiral separation of 2-hydroxyglutaric acid on cinchonan carbamate based weak chiral anion exchangers by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2016, 1467, 239-245.	3.7	29
3	Chiral separation of short chain aliphatic hydroxycarboxylic acids on cinchonan carbamate-based weak chiral anion exchangers and zwitterionic chiral ion exchangers. <i>Journal of Chromatography A</i> , 2017, 1487, 194-200.	3.7	25
4	Cytotoxic Clerodane Diterpenes from <i>Zuelania guidonia</i> . <i>Journal of Natural Products</i> , 2014, 77, 455-463.	3.0	24
5	Enantioselective metabolomics by liquid chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 207, 114430.	2.8	18
6	Chiral separation of disease biomarkers with 2-hydroxycarboxylic acid structure. <i>Journal of Separation Science</i> , 2018, 41, 1224-1231.	2.5	16
7	Discovery of Tricyclic Clerodane Diterpenes as Sarco/Endoplasmic Reticulum $Ca^{2+}$ -ATPase Inhibitors and Structure-Activity Relationships. <i>Journal of Natural Products</i> , 2015, 78, 1262-1270.	3.0	15
8	Untargeted UHPLC-ESI-QTOF-MS/MS analysis with targeted feature extraction at precursor and fragment level for profiling of the platelet lipidome with ex vivo thrombin-activation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 205, 114301.	2.8	13
9	Lipidomic profiling of non-mineralized dental plaque and biofilm by untargeted UHPLC-QTOF-MS/MS and SWATH acquisition. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 2303-2314.	3.7	10
10	Advanced unified monophasic lipid extraction protocol with wide coverage on the polarity scale optimized for large-scale untargeted clinical lipidomics analysis of platelets. <i>Analytica Chimica Acta</i> , 2022, 1221, 340155.	5.4	10
11	Lipid Atlas of Keratinocytes and Betulin Effects on its Lipidome Profiled by Comprehensive UHPLC-MS/MS with Data Independent Acquisition Using Targeted Data Processing. <i>Proteomics</i> , 2020, 20, e1900113.	2.2	9
12	Molecular Basis of Rhodomycortone Resistance in <i>Staphylococcus aureus</i> . <i>MBio</i> , 2022, 13, e0383321.	4.1	7