

# Carlos Eduardo Rodríguez-López

## List of Publications by Year in descending order

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14  
papers

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#	ARTICLE	IF	CITATIONS
1	Phylogeny-Aware Chemoinformatic Analysis of Chemical Diversity in Lamiaceae Enables Iridoid Pathway Assembly and Discovery of Aucubin Synthase. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	4
2	Two bifunctional cytochrome P450 CYP72 enzymes from olive ( <i>Olea europaea</i> ) catalyze the oxidative C=C bond cleavage in the biosynthesis of secoiridoids " flavor and quality determinants in olive oil. <i>New Phytologist</i> , 2021, 229, 2288-2301.	7.3	17
3	The evolutionary origins of the cat attractant nepetalactone in catnip. <i>Science Advances</i> , 2020, 6, eaba0721.	10.3	70
4	Metabolomics Analysis Reveals Tissue-Specific Metabolite Compositions in Leaf Blade and Traps of Carnivorous Nepenthes Plants. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4376.	4.1	13
5	The complexity of intercellular localisation of alkaloids revealed by single-cell metabolomics. <i>New Phytologist</i> , 2019, 224, 848-859.	7.3	65
6	High hydrostatic pressure treatments trigger de novo carotenoid biosynthesis in papaya fruit ( <i>Carica</i> ) <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 1071-1078.	8.2	31
7	A Pressure Test to Make 10 Molecules in 90 Days: External Evaluation of Methods to Engineer Biology. <i>Journal of the American Chemical Society</i> , 2018, 140, 4302-4316.	13.7	118
8	Phylogenomic Mining of the Mints Reveals Multiple Mechanisms Contributing to the Evolution of Chemical Diversity in Lamiaceae. <i>Molecular Plant</i> , 2018, 11, 1084-1096.	8.3	109
9	Avocado fruit maturation and ripening: dynamics of aliphatic acetogenins and lipidomic profiles from mesocarp, idioblasts and seed. <i>BMC Plant Biology</i> , 2017, 17, 159.	3.6	34
10	Association of Irisin Plasma Levels with Anthropometric Parameters in Children with Underweight, Normal Weight, Overweight, and Obesity. <i>BioMed Research International</i> , 2017, 2017, 1-11.	1.9	28
11	Seasonal Variation in Vitamin D in Association with Age, Inflammatory Cytokines, Anthropometric Parameters, and Lifestyle Factors in Older Adults. <i>Mediators of Inflammation</i> , 2017, 2017, 1-14.	3.0	41
12	A targeted metabolomics approach to characterize acetogenin profiles in avocado fruit ( <i>Persea</i> ) <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 1071-1078.	3.6	23
13	GridMass: a fast two-dimensional feature detection method for LC/MS. <i>Journal of Mass Spectrometry</i> , 2015, 50, 165-174.	1.6	52
14	DNA manipulation by means of insulator-based dielectrophoresis employing direct current electric fields. <i>Electrophoresis</i> , 2009, 30, 4195-4205.	2.4	89