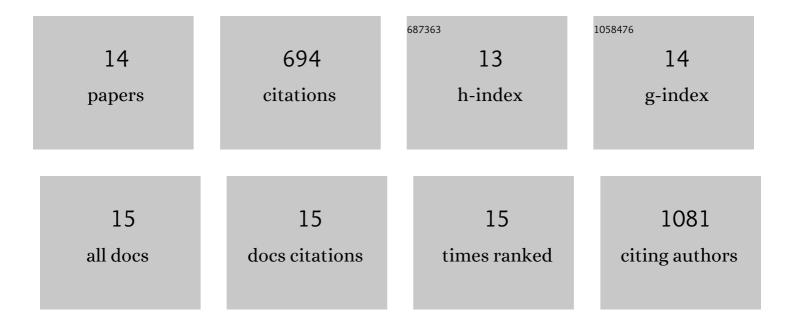
## Carlos Eduardo RodrÃ-guez-LÃ<sup>3</sup>pez

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2023634/publications.pdf

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## CARLOS EDUARDO

#	Article	IF	CITATIONS
1	Phylogeny-Aware Chemoinformatic Analysis of Chemical Diversity in Lamiaceae Enables Iridoid Pathway Assembly and Discovery of Aucubin Synthase. Molecular Biology and Evolution, 2022, 39, .	8.9	4
2	Two biâ€functional cytochrome P450 CYP72 enzymes from olive ( <i>Olea europaea</i> ) catalyze the oxidative Câ€C bond cleavage in the biosynthesis of secoxyâ€iridoids – flavor and quality determinants in olive oil. New Phytologist, 2021, 229, 2288-2301.	7.3	17
3	The evolutionary origins of the cat attractant nepetalactone in catnip. Science Advances, 2020, 6, eaba0721.	10.3	70
4	Metabolomics Analysis Reveals Tissue-Specific Metabolite Compositions in Leaf Blade and Traps of Carnivorous Nepenthes Plants. International Journal of Molecular Sciences, 2020, 21, 4376.	4.1	13
5	The complexity of intercellular localisation of alkaloids revealed by singleâ€cell metabolomics. New Phytologist, 2019, 224, 848-859.	7.3	65
6	High hydrostatic pressure treatments trigger de novo carotenoid biosynthesis in papaya fruit (Carica) Tj ETQq0 C	0 0 rgBT /O	verlock 10 Tf
7	A Pressure Test to Make 10 Molecules in 90 Days: External Evaluation of Methods to Engineer Biology. Journal of the American Chemical Society, 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. Molecular Plant, 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. BMC Plant Biology, 2017, 17, 159.	3.6	34
10	Association of Irisin Plasma Levels with Anthropometric Parameters in Children with Underweight, Normal Weight, Overweight, and Obesity. BioMed Research International, 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. Mediators of Inflammation, 2017, 2017, 1-14.		3.0	41	
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A targeted metabolomics approach to characterize acetogenin profiles in avocado fruit (Persea) Tj ETQq0 0 0 rgBT  $\frac{10}{3.6}$  Overlock  $\frac{10}{23}$  Tf 50 30

13	GridMass: a fast two-dimensional feature detection method for LC/MS. Journal of Mass Spectrometry, 2015, 50, 165-174.	1.6	52
14	DNA manipulation by means of insulatorâ€based dielectrophoresis employing direct current electric fields. Electrophoresis, 2009, 30, 4195-4205.	2.4	89