

# Andrés Mauricio Caraballo-Rodríguez

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

17,489  
citations

430874

18  
h-index

454955

30  
g-index

43  
all docs

43  
docs citations

43  
times ranked

20686  
citing authors

#	ARTICLE	IF	CITATIONS
1	Untargeted Metabolomics Sheds Light on the Diversity of Major Classes of Secondary Metabolites in the Malpighiaceae Botanical Family. <i>Frontiers in Plant Science</i> , 2022, 13, 854842.	3.6	9
2	The molecular impact of life in an indoor environment. <i>Science Advances</i> , 2022, 8, .	10.3	3
3	Integrating genomics and metabolomics for scalable non-ribosomal peptide discovery. <i>Nature Communications</i> , 2021, 12, 3225.	12.8	31
4	Ion identity molecular networking for mass spectrometry-based metabolomics in the GNPS environment. <i>Nature Communications</i> , 2021, 12, 3832.	12.8	119
5	Chemical interplay and complementary adaptative strategies toggle bacterial antagonism and co-existence. <i>Cell Reports</i> , 2021, 36, 109449.	6.4	28
6	Chemical Gradients of Plant Substrates in an <i>Atta texana</i> Fungus Garden. <i>MSystems</i> , 2021, 6, e0060121.	3.8	2
7	Mass Spectrometry-Based Detection of Beta Lactam Hydrolysis Enables Rapid Detection of Beta Lactamase Mediated Antibiotic Resistance. <i>Laboratory Medicine</i> , 2021, , .	1.2	0
8	Chemical Proportionality within Molecular Networks. <i>Analytical Chemistry</i> , 2021, 93, 12833-12839.	6.5	22
9	Nerpa: A Tool for Discovering Biosynthetic Gene Clusters of Bacterial Nonribosomal Peptides. <i>Metabolites</i> , 2021, 11, 693.	2.9	11
10	Untargeted mass spectrometry-based metabolomics approach unveils molecular changes in raw and processed foods and beverages. <i>Food Chemistry</i> , 2020, 302, 125290.	8.2	52
11	Mass spectrometry searches using MASST. <i>Nature Biotechnology</i> , 2020, 38, 23-26.	17.5	160
12	Metabolites from Microbes Isolated from the Skin of the Panamanian Rocket Frog <i>Colostethus panamansis</i> (Anura: Dendrobatidae). <i>Metabolites</i> , 2020, 10, 406.	2.9	4
13	Virulence as a Side Effect of Interspecies Interaction in <i>Vibrio</i> Coral Pathogens. <i>MBio</i> , 2020, 11, .	4.1	23
14	Feature-based molecular networking in the GNPS analysis environment. <i>Nature Methods</i> , 2020, 17, 905-908.	19.0	650
15	Reproducible molecular networking of untargeted mass spectrometry data using GNPS. <i>Nature Protocols</i> , 2020, 15, 1954-1991.	12.0	344
16	A Convolutional Neural Network-Based Approach for the Rapid Annotation of Molecularly Diverse Natural Products. <i>Journal of the American Chemical Society</i> , 2020, 142, 4114-4120.	13.7	114
17	Cryptic Species Account for the Seemingly Idiosyncratic Secondary Metabolism of <i>Sarcophyton glaucum</i> Specimens Collected in Palau. <i>Journal of Natural Products</i> , 2020, 83, 693-705.	3.0	10
18	Protocol for community-created public MS/MS reference spectra within the Global Natural Products Social Molecular Networking infrastructure. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8725.	1.5	14

#	ARTICLE	IF	CITATIONS
19	MolNetEnhancer: Enhanced Molecular Networks by Integrating Metabolome Mining and Annotation Tools. <i>Metabolites</i> , 2019, 9, 144.	2.9	245
20	Reproducible, interactive, scalable and extensible microbiome data science using QIIME 2. <i>Nature Biotechnology</i> , 2019, 37, 852-857.	17.5	11,167
21	The extracellular matrix protects <i>Bacillus subtilis</i> colonies from <i>Pseudomonas</i> invasion and modulates plant co-colonization. <i>Nature Communications</i> , 2019, 10, 1919.	12.8	102
22	Chemical signaling involved in plant-microbe interactions. <i>Chemical Society Reviews</i> , 2018, 47, 1652-1704.	38.1	149
23	Wildlife-microbiome interactions and disease: exploring opportunities for disease mitigation across ecological scales. <i>Drug Discovery Today: Disease Models</i> , 2018, 28, 105-115.	1.2	25
24	Propagating annotations of molecular networks using in silico fragmentation. <i>PLoS Computational Biology</i> , 2018, 14, e1006089.	3.2	242
25	Expanding the Chemical Repertoire of the Endophyte <i>Streptomyces albospinus</i> RLe7 Reveals Amphotericin B as an Inducer of a Fungal Phenotype. <i>Journal of Natural Products</i> , 2017, 80, 1302-1309.	3.0	17
26	Amphotericin B as an inducer of griseofulvin-containing guttate in the endophytic fungus <i>Xylaria cubensis</i> FLe9. <i>Chemoecology</i> , 2017, 27, 177-185.	1.1	7
27	Molecular inter-kingdom interactions of endophytes isolated from <i>Lychnophora ericoides</i> . <i>Scientific Reports</i> , 2017, 7, 5373.	3.3	19
28	Natural products as mediators of disease. <i>Natural Product Reports</i> , 2017, 34, 194-219.	10.3	59
29	Endophytic Actinobacteria from the Brazilian Medicinal Plant <i>Lychnophora ericoides</i> Mart. and the Biological Potential of Their Secondary Metabolites. <i>Chemistry and Biodiversity</i> , 2016, 13, 727-736.	2.1	39
30	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. <i>Nature Biotechnology</i> , 2016, 34, 828-837.	17.5	2,802