Andrs Mauricio Caraballo-Rodriguez

List of Publications by Citations

38 papers	7,122 citations	19 h-index	43 g-index
43 ext. papers	12,502 ext. citations	13.7 avg, IF	4.63 L-index

#	Paper	IF	Citations
38	Reproducible, interactive, scalable and extensible microbiome data science using QIIME 2. *Nature Biotechnology*, **2019**, 37, 852-857	44.5	4050
37	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. *Nature Biotechnology*, **2016**, 34, 828-837	44.5	1566
36	Feature-based molecular networking in the GNPS analysis environment. *Nature Methods*, **2020**, 17, 905-908	28.6	207
35	Propagating annotations of molecular networks using in silico fragmentation. *PLoS Computational Biology*, **2018**, 14, e1006089	5	139
34	QIIME 2: Reproducible, interactive, scalable, and extensible microbiome data science		138
33	Reproducible molecular networking of untargeted mass spectrometry data using GNPS. *Nature Protocols*, **2020**, 15, 1954-1991	18.8	125
32	MolNetEnhancer: Enhanced Molecular Networks by Integrating Metabolome Mining and Annotation Tools. *Metabolites*, **2019**, 9,	5.6	101
31	Chemical signaling involved in plant-microbe interactions. *Chemical Society Reviews*, **2018**, 47, 1652-1704	58.5	90
30	QIIME 2: Reproducible, interactive, scalable, and extensible microbiome data science **2018**,		78
29	Mass spectrometry searches using MASST. *Nature Biotechnology*, **2020**, 38, 23-26	44.5	74
28	The extracellular matrix protects Bacillus subtilis colonies from Pseudomonas invasion and modulates plant co-colonization. *Nature Communications*, **2019**, 10, 1919	17.4	59
27	A Convolutional Neural Network-Based Approach for the Rapid Annotation of Molecularly Diverse Natural Products. *Journal of the American Chemical Society*, **2020**, 142, 4114-4120	16.4	57
26	Natural products as mediators of disease. *Natural Product Reports*, **2017**, 34, 194-219	15.1	47
25	QIIME 2: Reproducible, interactive, scalable, and extensible microbiome data science		36
24	Untargeted mass spectrometry-based metabolomics approach unveils molecular changes in raw and processed foods and beverages. *Food Chemistry*, **2020**, 302, 125290	8.5	34
23	Feature-based Molecular Networking in the GNPS Analysis Environment		29
22	Ion identity molecular networking for mass spectrometry-based metabolomics in the GNPS environment. *Nature Communications*, **2021**, 12, 3832	17.4	22

21	Endophytic Actinobacteria from the Brazilian Medicinal Plant Lychnophora ericoides Mart. and the Biological Potential of Their Secondary Metabolites. *Chemistry and Biodiversity*, **2016**, 13, 727-36	2.5	21
20	Expanding the Chemical Repertoire of the Endophyte Streptomyces albospinus RLe7 Reveals Amphotericin B as an Inducer of a Fungal Phenotype. *Journal of Natural Products*, **2017**, 80, 1302-1309	4.9	15
19	Molecular inter-kingdom interactions of endophytes isolated from Lychnophora ericoides. *Scientific Reports*, **2017**, 7, 5373	4.9	14
18	Ion Identity Molecular Networking in the GNPS Environment		11
17	MolNetEnhancer: enhanced molecular networks by integrating metabolome mining and annotation tools		10
16	Integrating genomics and metabolomics for scalable non-ribosomal peptide discovery. *Nature Communications*, **2021**, 12, 3225	17.4	8
15	Wildlife-microbiome interactions and disease: exploring opportunities for disease mitigation across ecological scales. *Drug Discovery Today: Disease Models*, **2018**, 28, 105-115	1.3	8
14	Reproducible Molecular Networking Of Untargeted Mass Spectrometry Data Using GNPS.		7
13	Virulence as a Side Effect of Interspecies Interaction in Coral Pathogens. *MBio*, **2020**, 11,	7.8	7
12	Cryptic Species Account for the Seemingly Idiosyncratic Secondary Metabolism of Specimens Collected in Palau. *Journal of Natural Products*, **2020**, 83, 693-705	4.9	6
11	Amphotericin B as an inducer of griseofulvin-containing guttate in the endophytic fungus Xylaria cubensis FLe9. *Chemoecology*, **2017**, 27, 177-185	2	6
10	Protocol for community-created public MS/MS reference spectra within the Global Natural Products Social Molecular Networking infrastructure. *Rapid Communications in Mass Spectrometry*, **2020**, 34, e8725	2.2	5
9	Extracellular matrix components are required to protectBacillus subtilisfrom T6SS-dependentPseudomonasinvasion and modulate co-colonization of plants		3
8	Protocol for Community-created Public MS/MS Reference Library Within the GNPS Infrastructure		3
7	Nerpa: A Tool for Discovering Biosynthetic Gene Clusters of Bacterial Nonribosomal Peptides. *Metabolites*, **2021**, 11,	5.6	2
6	Metabolites from Microbes Isolated from the Skin of the Panamanian Rocket Frog (Anura: Dendrobatidae). *Metabolites*, **2020**, 10,	5.6	2
5	Chemical interplay and complementary adaptative strategies toggle bacterial antagonism and co-existence. *Cell Reports*, **2021**, 36, 109449	10.6	2
4	Chemical Proportionality within Molecular Networks. *Analytical Chemistry*, **2021**, 93, 12833-12839	7.8	2

3	Untargeted Metabolomics Sheds Light on the Diversity of Major Classes of Secondary Metabolites in the Malpighiaceae Botanical Family.. *Frontiers in Plant Science*, **2022**, 13, 854842	6.2	2
2	Chemical interplay and complementary adaptative strategies toggle bacterial antagonism and co-existence		1
1	Chemical Gradients of Plant Substrates in an Fungus Garden. *MSystems*, **2021**, 6, e0060121	7.6	0