AndrÃ©s Mauricio Caraballo-Rodriguez

List of Publications by Year
in descending order

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	Reproducible, interactive, scalable and extensible microbiome data science using QIIME 2. Nature Biotechnology, 2019, 37, 852-857.	17.5	11,167
2	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. Nature Biotechnology, 2016, 34, 828-837.	17.5	2,802
3	Feature-based molecular networking in the GNPS analysis environment. Nature Methods, 2020, 17, 905-908.	19.0	650
4	Reproducible molecular networking of untargeted mass spectrometry data using GNPS. Nature Protocols, 2020, 15, 1954-1991.	12.0	344
5	MolNetEnhancer: Enhanced Molecular Networks by Integrating Metabolome Mining and Annotation Tools. Metabolites, 2019, 9, 144.	2.9	245
6	Propagating annotations of molecular networks using in silico fragmentation. PLoS Computational Biology, 2018, 14, e1006089.	3.2	242
7	Mass spectrometry searches using MASST. Nature Biotechnology, 2020, 38, 23-26.	17.5	160
8	Chemical signaling involved in plantâ€“microbe interactions. Chemical Society Reviews, 2018, 47, 1652-1704.	38.1	149
9	Ion identity molecular networking for mass spectrometry-based metabolomics in the GNPS environment. Nature Communications, 2021, 12, 3832.	12.8	119
10	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.	13.7	114
11	The extracellular matrix protects Bacillus subtilis colonies from Pseudomonas invasion and modulates plant co-colonization. Nature Communications, 2019, 10, 1919.	12.8	102
12	Natural products as mediators of disease. Natural Product Reports, 2017, 34, 194-219.	10.3	59
13	Untargeted mass spectrometry-based metabolomics approach unveils molecular changes in raw and processed foods and beverages. Food Chemistry, 2020, 302, 125290.	8.2	52
14	Endophytic Actinobacteria from the Brazilian Medicinal Plant Lychnophora ericoides <scp>Mart</scp>. and the Biological Potential of Their Secondary Metabolites. Chemistry and Biodiversity, 2016, 13, 727-736.	2.1	39
15	Integrating genomics and metabolomics for scalable non-ribosomal peptide discovery. Nature Communications, 2021, 12, 3225.	12.8	31
16	Chemical interplay and complementary adaptative strategies toggle bacterial antagonism and co-existence. Cell Reports, 2021, 36, 109449.	6.4	28
17	Wildlife-microbiome interactions and disease: exploring opportunities for disease mitigation across ecological scales. Drug Discovery Today: Disease Models, 2018, 28, 105-115.	1.2	25
18	Virulence as a Side Effect of Interspecies Interaction in Vibrio Coral Pathogens. MBio, 2020, 11, .	4.1	23

#	Article	IF	Citations
19	Chemical Proportionality within Molecular Networks. Analytical Chemistry, 2021, 93, 12833-12839.	6.5	22
20	Molecular inter-kingdom interactions of endophytes isolated from Lychnophora ericoides. Scientific Reports, 2017, 7, 5373.	3.3	19
21	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.	3.0	17
22	Protocol for communityâ€created public MS/MS reference spectra within the Global Natural Products Social Molecular Networking infrastructure. Rapid Communications in Mass Spectrometry, 2020, 34, e8725.	1.5	14
23	Nerpa: A Tool for Discovering Biosynthetic Gene Clusters of Bacterial Nonribosomal Peptides. Metabolites, 2021, 11, 693.	2.9	11
24	Cryptic Species Account for the Seemingly Idiosyncratic Secondary Metabolism ofSarcophyton glaucumSpecimens Collected in Palau. Journal of Natural Products, 2020, 83, 693-705.	3.0	10
25	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.	3.6	9
26	Amphotericin B as an inducer of griseofulvin-containing guttate in the endophytic fungus Xylaria cubensis FLe9. Chemoecology, 2017, 27, 177-185.	1.1	7
27	Metabolites from Microbes Isolated from the Skin of the Panamanian Rocket Frog Colostethus panamansis (Anura: Dendrobatidae). Metabolites, 2020, 10, 406.	2.9	4
28	The molecular impact of life in an indoor environment. Science Advances, 2022, 8, .	10.3	3
29	Chemical Gradients of Plant Substrates in an Atta texana Fungus Garden. MSystems, 2021, 6, e0060121.	3.8	2
30	Mass Spectrometryâ€"Based Detection of Beta Lactam Hydrolysis Enables Rapid Detection of Beta Lactamase Mediated Antibiotic Resistance. Laboratory Medicine, 2021, , .	1.2	0