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List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8687221/publications.pdf

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33 papers	14,834 citations	361413 20 h-index	377865 34 g-index
51 all docs	51 docs citations	51 times ranked	17875 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	Feature-based molecular networking in the GNPS analysis environment. Nature Methods, 2020, 17, 905-908.	19.0	650
3	Reproducible molecular networking of untargeted mass spectrometry data using GNPS. Nature Protocols, 2020, 15, 1954-1991.	12.0	344
4	Global chemical effects of the microbiome include new bile-acid conjugations. Nature, 2020, 579, 123-129.	27.8	316
5	Chemistry of Marine Ligands and Siderophores. Annual Review of Marine Science, 2009, 1, 43-63.	11.6	298
6	Mass spectrometry searches using MASST. Nature Biotechnology, 2020, 38, 23-26.	17.5	160
7	Ion identity molecular networking for mass spectrometry-based metabolomics in the GNPS environment. Nature Communications, 2021, 12, 3832.	12.8	119
8	A community resource for paired genomic and metabolomic data mining. Nature Chemical Biology, 2021, 17, 363-368.	8.0	81
9	ReDU: a framework to find and reanalyze public mass spectrometry data. Nature Methods, 2020, 17, 901-904.	19.0	79
10	Chemically informed analyses of metabolomics mass spectrometry data with Qemistree. Nature Chemical Biology, 2021, 17, 146-151.	8.0	73
11	Untargeted mass spectrometry-based metabolomics approach unveils molecular changes in raw and processed foods and beverages. Food Chemistry, 2020, 302, 125290.	8.2	52
12	Both Incubation Temperature and Posthatching Temperature Affect Swimming Performance and Morphology of Wood Frog Tadpoles (Rana sylvatica). Physiological and Biochemical Zoology, 2006, 79, 140-149.	1.5	51
13	EMPress Enables Tree-Guided, Interactive, and Exploratory Analyses of Multi-omic Data Sets. MSystems, 2021, 6, .	3.8	36
14	Amphiphilic siderophore production by oil-associating microbes. Metallomics, 2014, 6, 1150-1155.	2.4	35
15	Identification of new members within suites of amphiphilic marine siderophores. BioMetals, 2011, 24, 85-92.	4.1	34
16	Optical Signatures of Dissolved Organic Matter Transformation in the Global Ocean. Frontiers in Marine Science, 2016, 2, .	2.5	30
17	Native mass spectrometry-based metabolomics identifies metal-binding compounds. Nature Chemistry, 2022, 14, 100-109.	13.6	30
18	A suite of citrate-derived siderophores from a marine Vibrio species isolated following the Deepwater Horizon oil spill. Journal of Inorganic Biochemistry, 2012, 107, 90-95.	3.5	28

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19	Quantifying Oxygen Management and Temperature and Light Dependencies of Nitrogen Fixation by Crocosphaera watsonii. MSphere, 2019, 4, .	2.9	26
20	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
21	Alternative Ready-To-Use Therapeutic Food Yields Less Recovery Than the Standard for Treating Acute Malnutrition in Children From Ghana. Global Health, Science and Practice, 2019, 7, 203-214.	1.7	24
22	Chemical Proportionality within Molecular Networks. Analytical Chemistry, 2021, 93, 12833-12839.	6.5	22
23	Amino acid variability in the peptide composition of a suite of amphiphilic peptide siderophores from an open ocean Vibrio species. Journal of Biological Inorganic Chemistry, 2013, 18, 489-497.	2.6	21
24	A UHPLC-HRMS based metabolomics and chemoinformatics approach to chemically distinguish â€˜super foodsâ€™ from a variety of plant-based foods. Food Chemistry, 2020, 313, 126071.	8.2	18
25	Microbial Tailoring of Acyl Peptidic Siderophores. Biochemistry, 2014, 53, 2624-2631.	2.5	14
26	Metabolome-Informed Microbiome Analysis Refines Metadata Classifications and Reveals Unexpected Medication Transfer in Captive Cheetahs. MSystems, 2020, 5, .	3.8	12
27	The Host-Microbiome Response to Hyperbaric Oxygen Therapy in Ulcerative Colitis Patients. Cellular and Molecular Gastroenterology and Hepatology, 2022, 14, 35-53.	4.5	10
28	Active nitrogen fixation by Crocosphaera expands their niche despite the presence of ammonium â€“ A case study. Scientific Reports, 2019, 9, 15064.	3.3	9
29	foodMASST a mass spectrometry search tool for foods and beverages. Npj Science of Food, 2022, 6, 22.	5.5	9
30	Perspective: A Framework for Addressing Dynamic Food Consumption Processes. Advances in Nutrition, 2022, 13, 992-1008.	6.4	6
31	Dynamic proteome response of a marine Vibrio to a gradient of iron and ferrioxamine bioavailability. Marine Chemistry, 2021, 229, 103913.	2.3	5
32	Multiomic Analyses of Nascent Preterm Infant Microbiomes Differentiation Suggest Opportunities for Targeted Intervention. Advanced Biology, 2022, 6, .	2.5	4
33	The molecular impact of life in an indoor environment. Science Advances, 2022, 8, .	10.3	3