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List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34 papers	2,795 citations	22 h-index	42 g-index
42 ext. papers	4,411 ext. citations	18.6 avg, IF	4.69 L-index

#	Paper	IF	Citations
34	EVC001 Is Well-Tolerated and Improves Human Milk Oligosaccharide Utilization in Preterm Infants in the Neonatal Intensive Care Unit.. <i>Frontiers in Pediatrics</i> , 2021 , 9, 795970	3.4	2
33	Ion identity molecular networking for mass spectrometry-based metabolomics in the GNPS environment. <i>Nature Communications</i> , 2021 , 12, 3832	17.4	22
32	Auto-deconvolution and molecular networking of gas chromatography-mass spectrometry data. <i>Nature Biotechnology</i> , 2021 , 39, 169-173	44.5	36
31	Reply to: Examining microbe-metabolite correlations by linear methods. <i>Nature Methods</i> , 2021 , 18, 40-41	11.6	2
30	A community resource for paired genomic and metabolomic data mining. <i>Nature Chemical Biology</i> , 2021 , 17, 363-368	11.7	32
29	A Genomic Toolkit for the Mechanistic Dissection of Intractable Human Gut Bacteria. <i>Cell Host and Microbe</i> , 2020 , 27, 1001-1013.e9	23.4	16
28	Reproducible molecular networking of untargeted mass spectrometry data using GNPS. <i>Nature Protocols</i> , 2020 , 15, 1954-1991	18.8	125
27	Global chemical effects of the microbiome include new bile-acid conjugations. <i>Nature</i> , 2020 , 579, 123-129	50.4	129
26	Consumption of Fermented Foods Is Associated with Systematic Differences in the Gut Microbiome and Metabolome. <i>MSystems</i> , 2020 , 5,	7.6	33
25	Mass spectrometry searches using MASST. <i>Nature Biotechnology</i> , 2020 , 38, 23-26	44.5	74
24	A antibiotic modulates human skin microbiota composition in hair follicles. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	24
23	Feature-based molecular networking in the GNPS analysis environment. <i>Nature Methods</i> , 2020 , 17, 905-908	20.6	207
22	ReDU: a framework to find and reanalyze public mass spectrometry data. <i>Nature Methods</i> , 2020 , 17, 901-904	20.6	28
21	Untargeted mass spectrometry-based metabolomics approach unveils molecular changes in raw and processed foods and beverages. <i>Food Chemistry</i> , 2020 , 302, 125290	8.5	34
20	Molecular and Microbial Microenvironments in Chronically Diseased Lungs Associated with Cystic Fibrosis. <i>MSystems</i> , 2019 , 4,	7.6	15
19	SIRIUS 4: a rapid tool for turning tandem mass spectra into metabolite structure information. <i>Nature Methods</i> , 2019 , 16, 299-302	21.6	325
18	Predicting proteome allocation, overflow metabolism, and metal requirements in a model acetogen. <i>PLoS Computational Biology</i> , 2019 , 15, e1006848	5	31

17	Neutrophilic proteolysis in the cystic fibrosis lung correlates with a pathogenic microbiome. <i>Microbiome</i> , 2019 , 7, 23	16.6	32
16	Learning representations of microbe-metabolite interactions. <i>Nature Methods</i> , 2019 , 16, 1306-1314	21.6	79
15	3D molecular cartography using LC-MS facilitated by Optimus and 'ili software. <i>Nature Protocols</i> , 2018 , 13, 134-154	18.8	53
14	Niche partitioning of a pathogenic microbiome driven by chemical gradients. <i>Science Advances</i> , 2018 , 4, eaau1908	14.3	21
13	American Gut: an Open Platform for Citizen Science Microbiome Research. <i>MSystems</i> , 2018 , 3,	7.6	336
12	Best practices for analysing microbiomes. <i>Nature Reviews Microbiology</i> , 2018 , 16, 410-422	22.2	668
11	Coupling Targeted and Untargeted Mass Spectrometry for Metabolome-Microbiome-Wide Association Studies of Human Fecal Samples. <i>Analytical Chemistry</i> , 2017 , 89, 7549-7559	7.8	46
10	Inflammation-induced IgA+ cells dismantle anti-liver cancer immunity. <i>Nature</i> , 2017 , 551, 340-345	50.4	224
9	Global chemical analysis of biology by mass spectrometry. <i>Nature Reviews Chemistry</i> , 2017 , 1,	34.6	91
8	CYP51 is an essential drug target for the treatment of primary amoebic meningoencephalitis (PAM). <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0006104	4.8	31
7	Reproducible Molecular Networking Of Untargeted Mass Spectrometry Data Using GNPS.		7
6	Ion Identity Molecular Networking in the GNPS Environment		11
5	MASST: A Web-based Basic Mass Spectrometry Search Tool for Molecules to Search Public Data		8
4	Chemical Impacts of the Microbiome Across Scales Reveal Novel Conjugated Bile Acids		3
3	Repository-scale Co- and Re-analysis of Tandem Mass Spectrometry Data		14
2	Feature-based Molecular Networking in the GNPS Analysis Environment		29
1	Multi-omics profiling of Earth's biomes reveals that microbial and metabolite composition are shaped by the environment		3