Amina Bouslimani

List of Publications by Year
in descending order

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Version: 2024-02-01

21 papers	5,321 citations	430442 18 h-index	713013 21 g-index
22 all docs	22 docs citations	22 times ranked	8053 citing authors

#	Article	IF	Citations
1	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. Nature Biotechnology, 2016, 34, 828-837.	9.4	2,802
2	Antimicrobials from human skin commensal bacteria protect against Staphylococcus aureus and are deficient in atopic dermatitis. Science Translational Medicine, 2017, 9, .	5.8	744
3	Reproducible molecular networking of untargeted mass spectrometry data using GNPS. Nature Protocols, 2020, 15, 1954-1991.	5.5	344
4	Molecular cartography of the human skin surface in 3D. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2120-9.	3.3	288
5	Mass spectrometry of natural products: current, emerging and future technologies. Natural Product Reports, 2014, 31, 718.	5.2	165
6	Mass spectrometry searches using MASST. Nature Biotechnology, 2020, 38, 23-26.	9.4	160
7	Three-Dimensional Microbiome and Metabolome Cartography of a Diseased Human Lung. Cell Host and Microbe, 2017, 22, 705-716.e4.	5.1	111
8	The impact of skin care products on skin chemistry and microbiome dynamics. BMC Biology, 2019, 17, 47.	1.7	101
9	3D molecular cartography using LCâ€“MS facilitated by Optimus and 'ili software. Nature Protocols, 2018, 13, 134-154.	5.5	85
10	Home chemical and microbial transitions across urbanization. Nature Microbiology, 2020, 5, 108-115.	5.9	83
11	Auto-deconvolution and molecular networking of gas chromatographyâ€“mass spectrometry data. Nature Biotechnology, 2021, 39, 169-173.	9.4	78
12	Coupling Targeted and Untargeted Mass Spectrometry for Metabolome-Microbiome-Wide Association Studies of Human Fecal Samples. Analytical Chemistry, 2017, 89, 7549-7559.	3.2	62
13	Lifestyle chemistries from phones for individual profiling. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E7645-E7654.	3.3	55
14	Untargeted mass spectrometry-based metabolomics approach unveils molecular changes in raw and processed foods and beverages. Food Chemistry, 2020, 302, 125290.	4.2	52
15	MetaMiner: A Scalable Peptidogenomics Approach for Discovery of Ribosomal Peptide Natural Products with Blind Modifications from Microbial Communities. Cell Systems, 2019, 9, 600-608.e4.	2.9	46
16	Creating a 3D microbial and chemical snapshot of a human habitat. Scientific Reports, 2018, 8, 3669.	1.6	34
17	Integrating genomics and metabolomics for scalable non-ribosomal peptide discovery. Nature Communications, 2021, 12, 3225.	5.8	31
18	Are microbiome studies ready for hypothesis-driven research?. Current Opinion in Microbiology, 2018, 44, 61-69.	2.3	27

#	Article	IF	Citations
19	Molecular and Microbial Microenvironments in Chronically Diseased Lungs Associated with Cystic Fibrosis. MSystems, 2019, 4, .	1.7	23
20	Initial Development toward Non-Invasive Drug Monitoring via Untargeted Mass Spectrometric Analysis of Human Skin. Analytical Chemistry, 2019, 91, 8062-8069.	3.2	17
21	Advances in Microbiome-Derived Solutions and Methodologies Are Founding a New Era in Skin Health and Care. Pathogens, 2022, 11, 121.	1.2	13