

Michael J Meehan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12066749/publications.pdf>

Version: 2024-02-01

18
papers

4,069
citations

623734

14
h-index

839539

18
g-index

23
all docs

23
docs citations

23
times ranked

6730
citing authors

#	ARTICLE	IF	CITATIONS
1	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. <i>Nature Biotechnology</i> , 2016, 34, 828-837.	17.5	2,802
2	Global chemical effects of the microbiome include new bile-acid conjugations. <i>Nature</i> , 2020, 579, 123-129.	27.8	316
3	Molecular cartography of the human skin surface in 3D. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2120-9.	7.1	288
4	Intermittent Hypoxia and Hypercapnia, a Hallmark of Obstructive Sleep Apnea, Alters the Gut Microbiome and Metabolome. <i>MSystems</i> , 2018, 3, .	3.8	96
5	Acyltransferase Mediated Polyketide Release from a Fungal Megasyntase. <i>Journal of the American Chemical Society</i> , 2009, 131, 8388-8389.	13.7	89
6	Biochemical Establishment and Characterization of EncM TM 's Flavin-N5-oxide Cofactor. <i>Journal of the American Chemical Society</i> , 2015, 137, 8078-8085.	13.7	80
7	ReDU: a framework to find and reanalyze public mass spectrometry data. <i>Nature Methods</i> , 2020, 17, 901-904.	19.0	79
8	A highly efficient, high-throughput lipidomics platform for the quantitative detection of eicosanoids in human whole blood. <i>Analytical Biochemistry</i> , 2013, 433, 181-188.	2.4	55
9	Mass Spectrometry-Based Visualization of Molecules Associated with Human Habitats. <i>Analytical Chemistry</i> , 2016, 88, 10775-10784.	6.5	44
10	$\hat{1}\pm, \hat{1}^2 \hat{a}\dagger' \hat{1}^2, \hat{1}^3$ double bond migration in coralopyronin A biosynthesis. <i>Chemical Science</i> , 2013, 4, 4175.	7.4	34
11	Direct Detection of Fungal Siderophores on Bats with White-Nose Syndrome via Fluorescence Microscopy-Guided Ambient Ionization Mass Spectrometry. <i>PLoS ONE</i> , 2015, 10, e0119668.	2.5	30
12	Enhancing untargeted metabolomics using metadata-based source annotation. <i>Nature Biotechnology</i> , 2022, 40, 1774-1779.	17.5	25
13	Intermittent Hypoxia and Hypercapnia Reproducibly Change the Gut Microbiome and Metabolome across Rodent Model Systems. <i>MSystems</i> , 2019, 4, .	3.8	24
14	FT-ICR-MS Characterization of Intermediates in the Biosynthesis of the $\hat{1}\pm$ -Methylbutyrate Side Chain of Lovastatin by the 277 kDa Polyketide Synthase LovF. <i>Biochemistry</i> , 2011, 50, 287-299.	2.5	17
15	Mechanism of Action of Thalassospiramides, A New Class of Calpain Inhibitors. <i>Scientific Reports</i> , 2015, 5, 8783.	3.3	16
16	Top-Down Atmospheric Ionization Mass Spectrometry Microscopy Combined With Proteogenomics. <i>Analytical Chemistry</i> , 2017, 89, 8251-8258.	6.5	14
17	Phenotyping drug polypharmacology via eicosanoid profiling of blood. <i>Journal of Lipid Research</i> , 2015, 56, 1492-1500.	4.2	9
18	Cover Picture: Connecting Chemotypes and Phenotypes of Cultured Marine Microbial Assemblages by Imaging Mass Spectrometry (<i>Angew. Chem. Int. Ed.</i> 26/2011). <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5773-5773.	13.8	0