

Irina Koester

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.

16
papers

5,104
citations

14
h-index

20
g-index

20
ext. papers

9,566
ext. citations

13.1
avg, IF

4.09
L-index

#	Paper	IF	Citations
16	Ion identity molecular networking for mass spectrometry-based metabolomics in the GNPS environment. <i>Nature Communications</i> , 2021 , 12, 3832	17.4	22
15	A community resource for paired genomic and metabolomic data mining. <i>Nature Chemical Biology</i> , 2021 , 17, 363-368	11.7	32
14	Substantial oxygen consumption by aerobic nitrite oxidation in oceanic oxygen minimum zones. <i>Nature Communications</i> , 2021 , 12, 7043	17.4	3
13	Reproducible molecular networking of untargeted mass spectrometry data using GNPS. <i>Nature Protocols</i> , 2020 , 15, 1954-1991	18.8	125
12	Database-independent molecular formula annotation using Gibbs sampling through ZODIAC. <i>Nature Machine Intelligence</i> , 2020 , 2, 629-641	22.5	26
11	Feature-based molecular networking in the GNPS analysis environment. <i>Nature Methods</i> , 2020 , 17, 905-906	20.6	207
10	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
9	Reproducible, interactive, scalable and extensible microbiome data science using QIIME 2. <i>Nature Biotechnology</i> , 2019 , 37, 852-857	44.5	4050
8	Spatiotemporal variability in seawater carbon chemistry for a coral reef flat in Kēhole Bay, Hawaii. <i>Limnology and Oceanography</i> , 2019 , 64, 913-934	4.8	13
7	High-Resolution Liquid Chromatography Tandem Mass Spectrometry Enables Large Scale Molecular Characterization of Dissolved Organic Matter. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	50
6	Biological Impacts of the 2013-2015 Warm-Water Anomaly in the Northeast Pacific: Winners, Losers, and the Future. <i>Oceanography</i> , 2016 , 29,	2.3	258
5	Short-Term Dynamics of North Sea Bacterioplankton-Dissolved Organic Matter Coherence on Molecular Level. <i>Frontiers in Microbiology</i> , 2016 , 7, 321	5.7	34
4	Mass Spectrometry-Based Visualization of Molecules Associated with Human Habitats. <i>Analytical Chemistry</i> , 2016 , 88, 10775-10784	7.8	38
3	QIIME 2: Reproducible, interactive, scalable, and extensible microbiome data science		36
2	Feature-based Molecular Networking in the GNPS Analysis Environment		29
1	ZODIAC: database-independent molecular formula annotation using Gibbs sampling reveals unknown small molecules		8