

# Wei-Ting Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11986835/publications.pdf>

Version: 2024-02-01

27  
papers

4,736  
citations

279798

23  
h-index

552781

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

7188  
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	Microbial metabolic exchangeâ€”the chemotype-to-phenotype link. <i>Nature Chemical Biology</i> , 2012, 8, 26-35.	8.0	199
3	Imaging mass spectrometry of intraspecies metabolic exchange revealed the cannibalistic factors of <i>Bacillus subtilis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16286-16290.	7.1	179
4	Automated Genome Mining of Ribosomal Peptide Natural Products. <i>ACS Chemical Biology</i> , 2014, 9, 1545-1551.	3.4	133
5	Single Cell Genome Amplification Accelerates Identification of the Apratoxin Biosynthetic Pathway from a Complex Microbial Assemblage. <i>PLoS ONE</i> , 2011, 6, e18565.	2.5	132
6	Proteasomal Protein Degradation in Mycobacteria Is Dependent upon a Prokaryotic Ubiquitin-like Protein. <i>Journal of Biological Chemistry</i> , 2009, 284, 3069-3075.	3.4	126
7	Synergistic allelochemicals from a freshwater cyanobacterium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11183-11188.	7.1	105
8	The <i>Bacillus subtilis</i> cannibalism toxin SDP collapses the proton motive force and induces autolysis. <i>Molecular Microbiology</i> , 2012, 84, 486-500.	2.5	101
9	Cytotoxic Veraguamides, Alkynyl Bromide-Containing Cyclic Depsipeptides from the Marine Cyanobacterium cf. <i>Oscillatoria margaritifera</i> . <i>Journal of Natural Products</i> , 2011, 74, 928-936.	3.0	95
10	Interpretation of Tandem Mass Spectra Obtained from Cyclic Nonribosomal Peptides. <i>Analytical Chemistry</i> , 2009, 81, 4200-4209.	6.5	83
11	Expansion of the mycobacterial â€œPUPylomeâ€. <i>Molecular BioSystems</i> , 2010, 6, 376-385.	2.9	83
12	Dereplication and de novo sequencing of nonribosomal peptides. <i>Nature Methods</i> , 2009, 6, 596-599.	19.0	81
13	NRPquest: Coupling Mass Spectrometry and Genome Mining for Nonribosomal Peptide Discovery. <i>Journal of Natural Products</i> , 2014, 77, 1902-1909.	3.0	81
14	Imaging Mass Spectrometry and Genome Mining via Short Sequence Tagging Identified the Anti-Infective Agent Arylomycin in <i>Streptomyces roseosporus</i> . <i>Journal of the American Chemical Society</i> , 2011, 133, 18010-18013.	13.7	79
15	MS/MS-based networking and peptidogenomics guided genome mining revealed the stenothricin gene cluster in <i>Streptomyces roseosporus</i> . <i>Journal of Antibiotics</i> , 2014, 67, 99-104.	2.0	64
16	Viequeamide A, a Cytotoxic Member of the Kulolide Superfamily of Cyclic Depsipeptides from a Marine Button Cyanobacterium. <i>Journal of Natural Products</i> , 2012, 75, 1560-1570.	3.0	60
17	Connecting Chemotypes and Phenotypes of Cultured Marine Microbial Assemblages by Imaging Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5839-5842.	13.8	53
18	Imaging Mass Spectrometry of a Coral Microbe Interaction with Fungi. <i>Journal of Chemical Ecology</i> , 2013, 39, 1045-1054.	1.8	53

#	ARTICLE	IF	CITATIONS
19	Application of bacterial cytological profiling to crude natural product extracts reveals the antibacterial arsenal of <i>Bacillus subtilis</i> . <i>Journal of Antibiotics</i> , 2016, 69, 353-361.	2.0	52
20	Multiplex De Novo Sequencing of Peptide Antibiotics. <i>Journal of Computational Biology</i> , 2011, 18, 1371-1381.	1.6	39
21	Observing the invisible through imaging mass spectrometry, a window into the metabolic exchange patterns of microbes. <i>Journal of Proteomics</i> , 2012, 75, 5069-5076.	2.4	39
22	Cycloquest: Identification of Cyclopeptides via Database Search of Their Mass Spectra against Genome Databases. <i>Journal of Proteome Research</i> , 2011, 10, 4505-4512.	3.7	38
23	Sequencing cyclic peptides by multistage mass spectrometry. <i>Proteomics</i> , 2011, 11, 3642-3650.	2.2	37
24	Production of the Cannibalism Toxin SDP Is a Multistep Process That Requires SdpA and SdpB. <i>Journal of Bacteriology</i> , 2013, 195, 3244-3251.	2.2	15
25	Multiplex De Novo Sequencing of Peptide Antibiotics. <i>Lecture Notes in Computer Science</i> , 2011, , 267-281.	1.3	1
26	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
27	Sequestration and Cyanobacterial Diet Preferences in the Opisthobranch Molluscs <i>Dolabrifera nicaraguana</i> and <i>Stylocheilus rickettsi</i> . <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	0