Evgenia Glukhov

List of Publications by Year
in descending order

35	4,432	361413	395702
papers	citations	20 h-index	33 g-index

37	37	37	6675
all docs	docs citations	times ranked	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.	17.5	2,802
2	Molecular Networking as a Dereplication Strategy. Journal of Natural Products, 2013, 76, 1686-1699.	3.0	475
3	Basis for Selectivity of Cationic Antimicrobial Peptides for Bacterial Versus Mammalian Membranes. Journal of Biological Chemistry, 2005, 280, 33960-33967.	3.4	244
4	A Convolutional Neural Network-Based Approach for the Rapid Annotation of Molecularly Diverse Natural Products. Journal of the American Chemical Society, 2020, 142, 4114-4120.	13.7	114
5	A community resource for paired genomic and metabolomic data mining. Nature Chemical Biology, 2021, 17, 363-368.	8.0	81
6	Comparative genomics uncovers the prolific and distinctive metabolic potential of the cyanobacterial genus Moorea. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3198-3203.	7.1	77
7	Bioprospecting Portuguese Atlantic coast cyanobacteria for bioactive secondary metabolites reveals untapped chemodiversity. Algal Research, 2015, 9, 218-226.	4.6	59
8	Quantitative molecular networking to profile marine cyanobacterial metabolomes. Journal of Antibiotics, 2014, 67, 105-112.	2.0	58
9	Combined LCâ€“MS/MS and Molecular Networking Approach Reveals New Cyanotoxins from the 2014 Cyanobacterial Bloom in Green Lake, Seattle. Environmental Science & Technology, 2015, 49, 14301-14310.	10.0	55
10	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.	6.2	46
11	Activity of novel non-amphipathic cationic antimicrobial peptides against Candida species. Journal of Antimicrobial Chemotherapy, 2006, 57, 899-907.	3.0	43
12	Dudawalamides Aâ€“D, Antiparasitic Cyclic Depsipeptides from the Marine Cyanobacterium Moorea producens. Journal of Natural Products, 2017, 80, 1827-1836.	3.0	39
13	Tutuilamides Aâ€“C: Vinyl-Chloride-Containing Cyclodepsipeptides from Marine Cyanobacteria with Potent Elastase Inhibitory Properties. ACS Chemical Biology, 2020, 15, 751-757.	3.4	33
14	Digitizing mass spectrometry data to explore the chemical diversity and distribution of marine cyanobacteria and algae. ELife, 2017, 6, .	6.0	33
15	Bastimolide B, an Antimalarial 24-Membered Marine Macrolide Possessing a tert-Butyl Group. Journal of Natural Products, 2018, 81, 211-215.	3.0	29
16	Cytotoxic Microcolin Lipopeptides from the Marine Cyanobacterium Moorea producens. Journal of Natural Products, 2019, 82, 2608-2619.	3.0	23
17	Isolation of Polycavernoside D from a Marine Cyanobacterium. Environmental Science and Technology Letters, 2015, 2, 166-170.	8.7	22
18	Pagoamide A, a Cyclic Depsipeptide Isolated from a Cultured Marine Chlorophyte, Derbesia sp., Using MS/MS-Based Molecular Networking. Journal of Natural Products, 2020, 83, 617-625.	3.0	22

#	Article	IF	Citations
19	The Metabolome of a Cyanobacterial Bloom Visualized by MS/MS-Based Molecular Networking Reveals New Neurotoxic Smenamide Analogs (C, D, and E). Frontiers in Chemistry, 2018, 6, 316.	3.6	21
20	Exploration of the carmaphycins as payloads in antibody drug conjugate anticancer agents. European Journal of Medicinal Chemistry, 2019, 161, 416-432.	5.5	21
21	A Multi-Omics Characterization of the Natural Product Potential of Tropical Filamentous Marine Cyanobacteria. Marine Drugs, 2021, 19, 20.	4.6	19
22	Integrated Genomic and Metabolomic Approach to the Discovery of Potential Anti-Quorum Sensing Natural Products from Microbes Associated with Marine Samples from Singapore. Marine Drugs, 2019, 17, 72.	4.6	16
23	MS/MS-Based Molecular Networking Approach for the Detection of Aplysiatoxin-Related Compounds in Environmental Marine Cyanobacteria. Marine Drugs, 2018, 16, 505.	4.6	14
24	A novel uncultured heterotrophic bacterial associate of the cyanobacterium Moorea producens JHB. BMC Microbiology, 2016, 16, 198.	3.3	13
25	Discovery and Synthesis of Caracolamide A, an Ion Channel Modulating Dichlorovinylidene Containing Phenethylamide from a Panamanian Marine Cyanobacterium cf. Symploca Species. Journal of Natural Products, 2017, 80, 2328-2334.	3.0	13
26	Samholides, Swinholide-Related Metabolites from a Marine Cyanobacterium cf. Phormidium sp.. Journal of Organic Chemistry, 2018, 83, 3034-3046.	3.2	12
27	Secondary Metabolite Variation and Bioactivities of Two Marine Aspergillus Strains in Static Co-Culture Investigated by Molecular Network Analysis and Multiple Database Mining Based on LC-PDA-MS/MS. Antibiotics, 2022, 11, 513.	3.7	12
28	Collection, Culturing, and Genome Analyses of Tropical Marine Filamentous Benthic Cyanobacteria. Methods in Enzymology, 2018, 604, 3-43.	1.0	10
29	Applying a Chemogeographic Strategy for Natural Product Discovery from the Marine Cyanobacterium Moorena bouillonii. Marine Drugs, 2020, 18, 515.	4.6	6
30	An anti-inflammatory isoflavone from soybean inoculated with a marine fungus Aspergillus terreus C23-3. Bioscience, Biotechnology and Biochemistry, 2020, 84, 1546-1553.	1.3	6
31	On the Hunt for New Toxin Families Produced by a Mediterranean Strain of the Benthic Dinoflagellate Ostreopsis cf. ovata. Toxins, 2022, 14, 234.	3.4	4
32	Total Synthesis of Laucysteinamide A, a Monomeric Congener of Somocystinamide A. Journal of Natural Products, 2021, 84, 865-870.	3.0	2
33	Discovery of pH-Selective Marine and Plant Natural Product Inhibitors of Cathepsin B Revealed by Screening at Acidic and Neutral pH Conditions. ACS Omega, 0, , .	3.5	2
34	Structure and Candidate Biosynthetic Gene Cluster of a Manumycin-Type Metabolite from Salinispora pacifica. Journal of Natural Products, 2022, 85, 980-986.	3.0	1
35	Novel Marine Compounds Modulate Mitochondrial Function in H9c2 Cells: Potential New Pharmaceutical Targets to Control Cardiac Metabolism. FASEB Journal, 2018, 32, .	0.5	0