

Anelize Bauermeister

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,335
citations

430874

18
h-index

395702

33
g-index

54
all docs

54
docs citations

54
times ranked

2041
citing authors

#	ARTICLE	IF	CITATIONS
1	Mass spectrometry-based metabolomics in microbiome investigations. <i>Nature Reviews Microbiology</i> , 2022, 20, 143-160.	28.6	148
2	Ion identity molecular networking for mass spectrometry-based metabolomics in the GNPS environment. <i>Nature Communications</i> , 2021, 12, 3832.	12.8	119
3	Linking genomics and metabolomics to chart specialized metabolic diversity. <i>Chemical Society Reviews</i> , 2020, 49, 3297-3314.	38.1	114
4	Enriching cancer pharmacology with drugs of marine origin. <i>British Journal of Pharmacology</i> , 2020, 177, 3-27.	5.4	85
5	A community resource for paired genomic and metabolomic data mining. <i>Nature Chemical Biology</i> , 2021, 17, 363-368.	8.0	81
6	ReDU: a framework to find and reanalyze public mass spectrometry data. <i>Nature Methods</i> , 2020, 17, 901-904.	19.0	79
7	An integrative omics perspective for the analysis of chemical signals in ecological interactions. <i>Chemical Society Reviews</i> , 2018, 47, 1574-1591.	38.1	72
8	Quantification and localization of hesperidin and rutin in <i>Citrus sinensis</i> grafted on <i>C. limonia</i> after <i>Xylella fastidiosa</i> infection by HPLC-UV and MALDI imaging mass spectrometry. <i>Phytochemistry</i> , 2015, 115, 161-170.	2.9	57
9	Degradation of atrazine by <i>Pseudomonas</i> sp. and <i>Achromobacter</i> sp. isolated from Brazilian agricultural soil. <i>International Biodeterioration and Biodegradation</i> , 2018, 130, 17-22.	3.9	43
10	GH11 xylanase from <i>Aspergillus tamarii</i> Kita: Purification by one-step chromatography and xylooligosaccharides hydrolysis monitored in real-time by mass spectrometry. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 291-299.	7.5	38
11	Chemical Composition and <i>In Vitro</i> Antioxidant, Cytotoxic, Antimicrobial, and Larvicidal Activities of the Essential Oil of <i>Mentha piperita</i> L. (Lamiaceae). <i>Scientific World Journal</i> , The, 2017, 2017, 1-8.	2.1	35
12	Intra-clade metabolomic profiling of MAR4 <i>Streptomyces</i> from the Macaronesia Atlantic region reveals a source of anti-biofilm metabolites. <i>Environmental Microbiology</i> , 2019, 21, 1099-1112.	3.8	31
13	Metabolomic study of marine <i>Streptomyces</i> sp.: Secondary metabolites and the production of potential anticancer compounds. <i>PLoS ONE</i> , 2020, 15, e0244385.	2.5	28
14	Evaluation of anti-HSV-1 activity and toxicity of hydroethanolic extract of <i>Tanacetum parthenium</i> (L.) Sch.Bip. (Asteraceae). <i>Phytomedicine</i> , 2019, 55, 249-254.	5.3	26
15	Hepatotoxicity and metabolic effects of cellular extract of cyanobacterium <i>Radiocystis fernandoi</i> containing microcystins RR and YR on neotropical fish (<i>Hoplias malabaricus</i>). <i>Chemosphere</i> , 2017, 175, 431-439.	8.2	25
16	Alternative biodegradation pathway of the herbicide diuron. <i>International Biodeterioration and Biodegradation</i> , 2019, 143, 104716.	3.9	22
17	Evaluation of the microencapsulation of orange essential oil in biopolymers by using a spray-drying process. <i>Scientific Reports</i> , 2020, 10, 11799.	3.3	22
18	Biochemical and genotoxic biomarkers and cell cycle assessment in the zebrafish liver (ZF-L) cell line exposed to the novel metal-insecticide magnesium-hesperidin complex. <i>Chemosphere</i> , 2020, 250, 126416.	8.2	20

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19	Biochemical and morphological biomarker responses in the gills of a Neotropical fish exposed to a new flavonoid metal-insecticide. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111459.	6.0	18
20	Metabolomic Fingerprinting of <i>Salinispora</i> From Atlantic Oceanic Islands. <i>Frontiers in Microbiology</i> , 2018, 9, 3021.	3.5	17
21	Pradimicin-IRD from <i>Amycolatopsis</i> sp. IRD-009 and its antimicrobial and cytotoxic activities. <i>Natural Product Research</i> , 2019, 33, 1713-1720.	1.8	15
22	beta-(1,3)-Glucanases Fungicas: Produç�o e Aplica�es Biotecnol�gicas.. <i>Semina: Ci�ncias Exatas E Tecnol�gicas</i> , 2010, 31, 75.	0.1	14
23	Can Statistical Evaluation Tools for Chromatographic Method Development Assist in the Natural Products Workflow? A Case Study on Selected Species of the Plant Family Malpighiaceae. <i>Journal of Natural Products</i> , 2020, 83, 3239-3249.	3.0	13
24	β-(1 → 3)-Glucanolytic Yeasts from Brazilian Grape Microbiota: Production and Characterization of β-Glucanolytic Enzymes by <i>Aureobasidium pullulans</i> 1WA1 Cultivated on Fungal Mycelium. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 269-278.	5.2	11
25	A Simple Defined Medium for the Production of True Diketopiperazines in <i>Xylella fastidiosa</i> and Their Identification by Ultra-Fast Liquid Chromatography-Electrospray Ionization Ion Trap Mass Spectrometry. <i>Molecules</i> , 2017, 22, 985.	3.8	11
26	Cathepsin D immobilized capillary reactors for on-flow screening assays. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 151, 252-259.	2.8	11
27	Pradimicin-IRD exhibits antineoplastic effects by inducing DNA damage in colon cancer cells. <i>Biochemical Pharmacology</i> , 2019, 168, 38-47.	4.4	11
28	Acid diterpenes from <i>Copaiba oleoresin</i> (<i>Copaifera langsdorffii</i>): Chemical and plasma stability and intestinal permeability using Caco-2 cells. <i>Journal of Ethnopharmacology</i> , 2019, 235, 183-189.	4.1	11
29	<i>Lycium barbarum</i> polysaccharide fraction associated with photobiomodulation protects from epithelium thickness and collagen fragmentation in a model of cutaneous photodamage. <i>Lasers in Medical Science</i> , 2021, 36, 863-870.	2.1	11
30	Quick-start infrastructure for untargeted metabolomics analysis in GNPS. <i>Nature Metabolism</i> , 2021, 3, 880-882.	11.9	11
31	Mass spectrometric approaches for the identification of anthracycline analogs produced by actinobacteria. <i>Journal of Mass Spectrometry</i> , 2016, 51, 437-445.	1.6	10
32	Fragmentation pathway and structural characterization of new glycosylated phenolic derivatives from <i>Eremanthus glomerulatus</i> (<i>Asteraceae</i>) by electrospray ionization tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2017, 52, 783-787.	1.6	10
33	Tunicates: A model organism to investigate the effects of associated-microbiota on the production of pharmaceuticals. <i>Drug Discovery Today: Disease Models</i> , 2018, 28, 13-20.	1.2	10
34	Marine Bacteria from Rocas Atoll as a Rich Source of Pharmacologically Active Compounds. <i>Marine Drugs</i> , 2019, 17, 671.	4.6	10
35	Picraviane A and B: Nortriterpenes with limonoid-like skeletons containing a heptanolide E-ring system from <i>Picramnia glazioviana</i> . <i>Phytochemistry</i> , 2019, 163, 38-45.	2.9	9
36	Untargeted Metabolomics Sheds Light on the Diversity of Major Classes of Secondary Metabolites in the Malpighiaceae Botanical Family. <i>Frontiers in Plant Science</i> , 2022, 13, 854842.	3.6	9

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37	Mycotoxins from <i>Fusarium proliferatum</i> : new inhibitors of papain-like cysteine proteases. <i>Brazilian Journal of Microbiology</i> , 2020, 51, 1169-1175.	2.0	8
38	The Diversity, Metabolomics Profiling, and the Pharmacological Potential of Actinomycetes Isolated from the Estremadura Spur Pockmarks (Portugal). <i>Marine Drugs</i> , 2022, 20, 21.	4.6	8
39	Acetylation of cedrelone increases its cytotoxic activity and reverts the malignant phenotype of breast cancer cells in 3D culture. <i>Chemico-Biological Interactions</i> , 2020, 316, 108920.	4.0	7
40	Targeting the Oncogenic TBX2 Transcription Factor With Chromomycins. <i>Frontiers in Chemistry</i> , 2020, 8, 110.	3.6	6
41	Spatial and Temporal Variations in Secondary Metabolites Content of the Brazilian Arnica Leaves (<i>Lychnophora ericoides</i> Mart., Asteraceae). <i>Journal of the Brazilian Chemical Society</i> , 2017, , .	0.6	5
42	Anticancer Potential of Compounds from the Brazilian Blue Amazon. <i>Planta Medica</i> , 2021, 87, 49-70.	1.3	5
43	In Vitro Metabolism Evaluation of the Ergot Alkaloid Dihydroergotamine: Application of Microsomal and Biomimetic Oxidative Model. <i>Planta Medica</i> , 2016, 82, 1368-1373.	1.3	4
44	Rapid differentiation of graft <i>Citrus sinensis</i> with and without <i>Xylella fastidiosa</i> infection by mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8745.	1.5	4
45	Integrating Molecular Network and Culture Media Variation to Explore the Production of Bioactive Metabolites by <i>Vibrio diabolicus</i> AISM3. <i>Marine Drugs</i> , 2019, 17, 196.	4.6	3
46	Dextrorotatory Chromomycins from the Marine <i>Streptomyces</i> sp. Associated to <i>Palythoa caribaeorum</i> . <i>Journal of the Brazilian Chemical Society</i> , 2020, , .	0.6	3
47	DNA-EB in agarose gel assay: a simple methodology in the search for DNA-binders in crude extracts from actinomycetes. <i>Analytical Methods</i> , 2016, 8, 2653-2659.	2.7	2
48	Phytochemical and chemotaxonomy investigation of polar crude extract from <i>Eremanthus incanus</i> (Asteraceae, Vernoniaeae). <i>Biochemical Systematics and Ecology</i> , 2018, 81, 105-108.	1.3	2
49	Marine <i>Streptomyces</i> sp. Isolated From the Brazilian Endemic Tunicate <i>Euherdmania</i> sp. Produces Dihydroepinomycin and Analogs With Potent Antiglioma Activity. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	2
50	Phenolic Compounds from the Brazilian Genus <i>Lychnophora</i> Mart. (Asteraceae). <i>ACS Symposium Series</i> , 2018, , 21-46.	0.5	1
51	IN VITRO METABOLISM OF COPALIC AND KAURENOIC ACIDS IN RAT AND HUMAN LIVER MICROSOMES. <i>Quimica Nova</i> , 0, , .	0.3	1
52	Untargeted metabolomics sheds light on the secondary metabolism of Malpighiaceae family. <i>Planta Medica</i> , 2021, 87, .	1.3	0