

Niege Furtado

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9467750/publications.pdf>

Version: 2024-02-01

67
papers

1,919
citations

218381

26
h-index

276539

41
g-index

67
all docs

67
docs citations

67
times ranked

2566
citing authors

#	ARTICLE	IF	CITATIONS
1	Pentacyclic Triterpene Bioavailability: An Overview of In Vitro and In Vivo Studies. <i>Molecules</i> , 2017, 22, 400.	1.7	137
2	Antimicrobial activity of terpenoids from <i>Copaifera langsdorffii</i> Desf. against cariogenic bacteria. <i>Phytotherapy Research</i> , 2011, 25, 215-220.	2.8	89
3	Diketopiperazines produced by an <i>Aspergillus fumigatus</i> Brazilian strain. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 1448-1453.	0.6	88
4	Antimicrobial Evaluation of Diterpenes from <i>Copaifera langsdorffii</i> Oleoresin Against Periodontal Anaerobic Bacteria. <i>Molecules</i> , 2011, 16, 9611-9619.	1.7	86
5	Pimarane-type Diterpenes: Antimicrobial Activity against Oral Pathogens. <i>Molecules</i> , 2009, 14, 191-199.	1.7	82
6	Antibacterial Activity of Triterpene Acids and Semi-Synthetic Derivatives against Oral Pathogens. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007, 62, 668-672.	0.6	67
7	A reliable quantitative method for the analysis of phenolic compounds in Brazilian propolis by reverse phase high performance liquid chromatography. <i>Journal of Separation Science</i> , 2007, 30, 2656-2665.	1.3	66
8	Evaluation of piper cubeba extract, (-)-cubebin and its semi-synthetic derivatives against oral pathogens. <i>Phytotherapy Research</i> , 2007, 21, 420-422.	2.8	61
9	Antimicrobial activity of <i>Syzygium cumini</i> (Myrtaceae) leaves extract. <i>Brazilian Journal of Microbiology</i> , 2007, 38, 381-384.	0.8	58
10	Antimicrobial Activity of the Extract and Isolated Compounds from <i>Baccharis dracunculifolia</i> D. C. (Asteraceae). <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2008, 63, 40-46.	0.6	54
11	Antibacterial, antifungal and cytotoxic activities exhibited by endophytic fungi from the Brazilian marine red alga <i>Bostrychia tenella</i> (Ceramiales). <i>Revista Brasileira De Farmacognosia</i> , 2015, 25, 641-650.	0.6	53
12	Antimicrobial Activity of Kaurane Diterpenes against Oral Pathogens. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2008, 63, 326-330.	0.6	50
13	An Overview of Biotransformation and Toxicity of Diterpenes. <i>Molecules</i> , 2018, 23, 1387.	1.7	48
14	Antimicrobial ent-pimarane diterpenes from <i>Viguiera arenaria</i> against Gram-positive bacteria. <i>FÁ-toterapÁ-Ãç</i> , 2009, 80, 432-436.	1.1	46
15	Validation of a gas chromatographic method to quantify sesquiterpenes in copaiba oils. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 653-659.	1.4	46
16	Antimicrobial Activity of Diterpenes from <i>Viguiera arenaria</i> against Endodontic Bacteria. <i>Molecules</i> , 2011, 16, 543-551.	1.7	46
17	A study of the trypanocidal activity of triterpene acids isolated from <i>Miconia</i> species. <i>Phytotherapy Research</i> , 2006, 20, 474-478.	2.8	42
18	Antibacterial compound from the endophytic fungus <i>Phomopsis longicolla</i> isolated from the tropical red seaweed <i>Bostrychia radicans</i> . <i>Botanica Marina</i> , 2012, 55, 435-440.	0.6	42

#	ARTICLE	IF	CITATIONS
19	Fragmentation of diketopiperazines from <i>Aspergillus fumigatus</i> by electrospray ionization tandem mass spectrometry (ESI-MS/MS). <i>Journal of Mass Spectrometry</i> , 2007, 42, 1279-1286.	0.7	41
20	Hypoglycemic effect of <i>Leandra lacunosa</i> in normal and alloxan-induced diabetic rats. <i>Farmacoterapia</i> , 2008, 79, 356-360.	1.1	38
21	A validated reverse-phase HPLC analytical method for the quantification of phenolic compounds in <i>Baccharis dracunculifolia</i> . <i>Phytochemical Analysis</i> , 2009, 20, 24-32.	1.2	37
22	Evaluation of the Potential of Brazilian Propolis against UV-Induced Oxidative Stress. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-8.	0.5	34
23	Antibacterial activity from <i>Penicillium corylophilum</i> Dierckx. <i>Microbiological Research</i> , 2004, 159, 317-322.	2.5	32
24	Screening of Filamentous Fungi to Identify Biocatalysts for Lupeol Biotransformation. <i>Molecules</i> , 2010, 15, 6140-6151.	1.7	30
25	Cytotoxicity of lapachol metabolites produced by probiotics. <i>Letters in Applied Microbiology</i> , 2014, 59, 108-114.	1.0	28
26	Biotransformation using <i>Mucor rouxii</i> for the production of oleanolic acid derivatives and their antimicrobial activity against oral pathogens. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2011, 38, 1493-1498.	1.4	27
27	The antimicrobial activity of <i>Aspergillus fumigatus</i> is enhanced by a pool of bacteria. <i>Microbiological Research</i> , 2002, 157, 207-211.	2.5	25
28	Evaluation of ent-kaurenoic acid derivatives for their anticariogenic activity. <i>Natural Product Communications</i> , 2011, 6, 777-80.	0.2	24
29	Assessment of the stereoselective fungal biotransformation of albendazole and its analysis by HPLC in polar organic mode. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 61, 100-107.	1.4	23
30	Evaluation of dispersive liquid-liquid microextraction in the stereoselective determination of cetirizine following the fungal biotransformation of hydroxyzine and analysis by capillary electrophoresis. <i>Talanta</i> , 2013, 116, 743-752.	2.9	23
31	Iontophoresis-stimulated silk fibroin films as a peptide delivery system for wound healing. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 128, 147-155.	2.0	23
32	Enantioselective fungal biotransformation of risperidone in liquid culture medium by capillary electrophoresis and hollow fiber liquid-liquid phase microextraction. <i>Electrophoresis</i> , 2011, 32, 2765-2775.	1.3	22
33	Anticariogenic Properties of ent-Pimarane Diterpenes Obtained by Microbial Transformation. <i>Molecules</i> , 2010, 15, 8553-8566.	1.7	21
34	Seasonality Role on the Phenolics from Cultivated <i>Baccharis dracunculifolia</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-8.	0.5	21
35	Estudo comparativo entre as metodologias preconizadas pelo CLSI e pelo EUCAST para avaliação da atividade antifúngica. <i>Quimica Nova</i> , 2009, 32, 498-502.	0.3	20
36	Terpenoid biotransformations by <i>Mucor</i> species. <i>Phytochemistry Reviews</i> , 2013, 12, 857-876.	3.1	20

#	ARTICLE	IF	CITATIONS
37	Activity of the <i>Pinus elliottii</i> resin compounds against <i>Lernaea cyprinacea</i> in vitro. <i>Veterinary Parasitology</i> , 2003, 118, 143-149.	0.7	19
38	Fungal Transformation and Schistosomicidal Effects of Pimaradienoic Acid. <i>Chemistry and Biodiversity</i> , 2012, 9, 1465-1474.	1.0	19
39	Gastroprotective activity of the hydroethanolic extract and isolated compounds from the leaves of <i>Solanum cernuum</i> Vell.. <i>Journal of Ethnopharmacology</i> , 2015, 172, 421-429.	2.0	19
40	Schistosomicidal activity of kaurane, labdane and clerodane-type diterpenes obtained by fungal transformation. <i>Process Biochemistry</i> , 2020, 98, 34-40.	1.8	15
41	Pimarane-type Diterpenes Obtained by Biotransformation: Antimicrobial Properties Against Clinically Isolated Gram-positive Multidrug-resistant Bacteria. <i>Phytotherapy Research</i> , 2013, 27, 1502-1507.	2.8	14
42	Biotransformation of ent-pimaradienoic acid by cell cultures of <i>Aspergillus niger</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 5870-5875.	1.4	14
43	<i>Andrographis paniculata</i> Formulations: Impact on Diterpene Lactone Oral Bioavailability. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2022, 47, 19-30.	0.6	13
44	Inactivation of $\hat{1}^2$ -Lapachone Cytotoxicity by Filamentous Fungi that Mimic the Human Blood Metabolism. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2017, 42, 213-220.	0.6	11
45	Use of spinning band distillation equipment for fractionation of volatile compounds of <i>Copaifera</i> oleoresins for developing a validated gas chromatographic method and evaluating antimicrobial activity. <i>Biomedical Chromatography</i> , 2019, 33, e4412.	0.8	11
46	Non-terpenoid biotransformations by <i>Mucor</i> species. <i>Phytochemistry Reviews</i> , 2015, 14, 745-764.	3.1	10
47	Evaluation of lemongrass and ginger essential oils to inhibit <i>Listeria monocytogenes</i> in biofilms. <i>Journal of Food Safety</i> , 2019, 39, e12627.	1.1	10
48	Antimicrobial activity of <i>Aegiphila sellowiana</i> Cham., Lamiaceae, against oral pathogens. <i>Revista Brasileira De Farmacognosia</i> , 2010, 20, 246-249.	0.6	10
49	Microbial transformation of $\hat{1}^2$ -lapachone to its glycosides by <i>Cunninghamella elegans</i> ATCC 10028b. <i>Phytochemistry Letters</i> , 2013, 6, 657-661.	0.6	9
50	Transformation of saturated nitrogen-containing heterocyclic compounds by microorganisms. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 1497-1506.	1.7	9
51	Improvement of trypanocidal metabolites production by <i>Aspergillus fumigatus</i> using neural networks. <i>Microbiological Research</i> , 2005, 160, 141-148.	2.5	8
52	$\hat{1}$ -Lactam derivative from thermophilic soil fungus exhibits in vitro anti-allergic activity. <i>Natural Product Research</i> , 2012, 26, 2168-2175.	1.0	8
53	Microbial Metabolism of Atovaquone and Cytotoxicity of the Produced Phase I Metabolite. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2016, 41, 645-650.	0.6	8
54	Gas-phase fragmentation of protonated piplartine and its fungal metabolites using tandem mass spectrometry and computational chemistry. <i>Journal of Mass Spectrometry</i> , 2017, 52, 517-525.	0.7	8

#	ARTICLE	IF	CITATIONS
55	Active substances against trypomastigote forms of <i>Trypanosoma cruzi</i> and microorganisms are produced in sequence by <i>Talaromyces flavus</i> . <i>Microbiological Research</i> , 2002, 157, 201-206.	2.5	7
56	The potential of an <i>Aspergillus fumigatus</i> Brazilian strain to produce antimicrobial secondary metabolites. <i>Brazilian Journal of Microbiology</i> , 2005, 36, 357.	0.8	7
57	Evaluation of <i>ent</i> -Kaurenoic Acid Derivatives for their Anticariogenic Activity. <i>Natural Product Communications</i> , 2011, 6, 1934578X1100600.	0.2	7
58	Essential oils from <i>Tithonia diversifolia</i> display potent anti-oedematogenic effects and inhibit acid production by cariogenic bacteria. <i>Journal of Essential Oil Research</i> , 2019, 31, 43-52.	1.3	7
59	Antirolithic activity and biotransformation of galloylquinic acids by <i>Aspergillus alliaceus</i> ATCC10060, <i>Aspergillus brasiliensis</i> ATCC 16404, and <i>Cunninghamella elegans</i> ATCC 10028b. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 18, 101012.	1.5	7
60	Fungal biocatalysts for labdane diterpene hydroxylation. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 1051-1059.	1.7	6
61	New antifungal ent-labdane diterpenes against <i>Candida glabrata</i> produced by microbial transformation of ent-polyalthic acid. <i>Bioorganic Chemistry</i> , 2020, 95, 103560.	2.0	4
62	Disinfectant activities of extracts and metabolites from <i>Baccharis dracunculifolia</i> DC. <i>Letters in Applied Microbiology</i> , 2022, 75, 261-270.	1.0	3
63	Ent-hardwickiic acid from <i>C. pubiflora</i> and its microbial metabolites are more potent than fluconazole in vitro against <i>Candida glabrata</i> . <i>Letters in Applied Microbiology</i> , 2022, , .	1.0	2
64	Antifungal and Cytotoxic Assessment of Lapachol Derivatives Produced by Fungal Biotransformation. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.2	1
65	ASYMMETRIC SULFOXIDATION OF ALBENDAZOLE TO RICOBENDAZOLE BY FUNGI: EFFECT OF pH. <i>Quimica Nova</i> , 2015, , .	0.3	1
66	Biotransformation of lupeol by <i>Penicillium roqueforti</i> . <i>Planta Medica</i> , 2008, 74, .	0.7	1
67	Production of more potent anti- <i>Candida</i> labdane diterpenes by biotransformation using <i>Cunninghamella elegans</i> . <i>Chemistry and Biodiversity</i> , 2022, , .	1.0	1