

Daniela S Alviano

List of Publications by Year in descending order

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104
papers

4,507
citations

109137

35
h-index

114278

63
g-index

104
all docs

104
docs citations

104
times ranked

6404
citing authors

#	ARTICLE	IF	CITATIONS
1	Coronavirus disease 2019 (COVID-19) treatment versus mycobacterial infections: Better safe than sorry?. <i>Infection Control and Hospital Epidemiology</i> , 2022, 43, 952-953.	1.0	1
2	Extension of Solanaceae Food Crops Shelf Life by the Use of Elicitors and Sustainable Practices During Postharvest Phase. <i>Food and Bioprocess Technology</i> , 2022, 15, 249-274.	2.6	10
3	The Natural Alkaloid Tryptanthrin Induces Apoptosis-like Death in <i>Leishmania</i> spp.. <i>Tropical Medicine and Infectious Disease</i> , 2022, 7, 112.	0.9	4
4	Proanthocyanidins with Corrosion Inhibition Activity for AISI 1020 Carbon Steel under Neutral pH Conditions of Coconut (<i>Cocos nucifera</i> L.) Husk Fibers. <i>ACS Omega</i> , 2021, 6, 6893-6901.	1.6	9
5	The challenges of education in a continental country in the face of new severe acute respiratory coronavirus virus 2 (SARS-CoV-2) variant circulation. <i>Infection Control and Hospital Epidemiology</i> , 2021, , 1-3.	1.0	1
6	AÃ§aÃ (Euterpe oleracea Mart.) Seed Extracts from Different Varieties: A Source of Proanthocyanidins and Eco-Friendly Corrosion Inhibition Activity. <i>Molecules</i> , 2021, 26, 3433.	1.7	29
7	Croton cajucara Essential Oil Nanoemulsion and Its Antifungal Activities. <i>Processes</i> , 2021, 9, 1872.	1.3	8
8	The return of university classes in an emerging country during the COVID-19 pandemic. <i>Pathogens and Global Health</i> , 2021, , 1-3.	1.0	0
9	Pharmacognostic Study on <i>Elsholtzia ciliata</i> (Thumb.) Hyl: Anatomy, Phytochemistry and Pharmacological Activities. <i>Pharmaceuticals</i> , 2021, 14, 1152.	1.7	10
10	Absolute Stereochemistry of Antifungal Limonene-1,2-diols from <i>Lippia rubella</i> . <i>Revista Brasileira De Farmacognosia</i> , 2020, 30, 537-543.	0.6	4
11	Aspartic peptidase of <i>Phialophora verrucosa</i> as target of HIV peptidase inhibitors: blockage of its enzymatic activity and interference with fungal growth and macrophage interaction. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 629-638.	2.5	5
12	Î²-Carboline-1-propionic acid alkaloid: antileishmanial and cytotoxic effects. <i>Revista Brasileira De Farmacognosia</i> , 2019, 29, 755-762.	0.6	11
13	Antifungal Phenylpropanoid Glycosides from <i>Lippia rubella</i> . <i>Journal of Natural Products</i> , 2019, 82, 566-572.	1.5	18
14	Conversion of renewable substrates for biosurfactant production by <i>Rhizopus arrhizus</i> UCP 1607 and enhancing the removal of diesel oil from marine soil. <i>Electronic Journal of Biotechnology</i> , 2019, 38, 40-48.	1.2	43
15	Anti- <i>Escherichia coli</i> activity of extracts from <i>Schinus terebinthifolius</i> fruits and leaves. <i>Natural Product Research</i> , 2018, 32, 1365-1368.	1.0	18
16	Anti-inflammatory, antinociceptive and antioxidant properties of <i>Schinopsis brasiliensis</i> bark. <i>Journal of Ethnopharmacology</i> , 2018, 213, 176-182.	2.0	12
17	Melanin particles isolated from the fungus <i>Fonsecaea pedrosoi</i> activates the human complement system. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2018, 113, e180120.	0.8	12
18	<i>Fonsecaea pedrosoi</i> Sclerotic Cells: Secretion of Aspartic-Type Peptidase and Susceptibility to Peptidase Inhibitors. <i>Frontiers in Microbiology</i> , 2018, 9, 1383.	1.5	14

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19	Monohexosylceramides from <i>Rhizopus</i> Species Isolated from Brazilian Caatinga: Chemical Characterization and Evaluation of Their Anti-Biofilm and Antibacterial Activities. <i>Molecules</i> , 2018, 23, 1331.	1.7	6
20	Piper Essential Oils Inhibit <i>Rhizopus oryzae</i> Growth, Biofilm Formation, and Rhizopuspepsin Activity. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2018, 2018, 1-7.	0.7	15
21	α -Glucosidase, α -Xylosidase and β -L-Arabinofuranosidase Production by Mutant <i>Trichoderma atroviride</i> 102C1 in Different Lignocellulosic Biomass Sources. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2018, 7, 962-970.	0.0	1
22	Microbial Infection of Orthodontic Synthetic Intermaxillary Elastics in Different Types of Manipulation: An In Vitro Study. <i>Journal of Dentistry and Dental Medicine</i> , 2018, 1, .	0.0	0
23	Citrus species essential oils and their components can inhibit or stimulate fungal growth in fruit. <i>Industrial Crops and Products</i> , 2017, 98, 108-115.	2.5	59
24	Anti-cryptococcal activity of ethanol crude extract and hexane fraction from <i>Ocimum basilicum</i> var. <i>Maria bonita</i> : mechanisms of action and synergism with amphotericin B and <i>Ocimum basilicum</i> essential oil. <i>Pharmaceutical Biology</i> , 2017, 55, 1380-1388.	1.3	11
25	In vitro anti-MRSA activity of <i>Couroupita guianensis</i> extract and its component Tryptanthrin. <i>Natural Product Research</i> , 2017, 31, 2077-2080.	1.0	15
26	Essential oil constituents from high altitude Brazilian species with antimicrobial activity: <i>Baccharis parvidentata</i> Malag., <i>Hyptis monticola</i> Mart. ex Benth. and <i>Lippia origanoides</i> Kunth. <i>Journal of Essential Oil Research</i> , 2017, 29, 109-116.	1.3	23
27	Growth Inhibition of Sulfate-Reducing Bacteria in Produced Water from the Petroleum Industry Using Essential Oils. <i>Molecules</i> , 2017, 22, 648.	1.7	16
28	HIV Aspartic Peptidase Inhibitors Modulate Surface Molecules and Enzyme Activities Involved with Physiopathological Events in <i>Fonsecaea pedrosoi</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 918.	1.5	8
29	Synergism Effect of the Essential Oil from <i>Ocimum basilicum</i> var. <i>Maria Bonita</i> and Its Major Components with Fluconazole and Its Influence on Ergosterol Biosynthesis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-12.	0.5	55
30	Polyphenol-Rich Diets Exacerbate AMPK-Mediated Autophagy, Decreasing Proliferation of Mosquito Midgut Microbiota, and Extending Vector Lifespan. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005034.	1.3	15
31	Effects of linalool and eugenol on the survival of <i>Leishmania (L.) infantum chagasi</i> within macrophages. <i>Acta Tropica</i> , 2016, 164, 69-76.	0.9	25
32	The four-component aureocin A70 as a promising agent for food biopreservation. <i>International Journal of Food Microbiology</i> , 2016, 237, 39-46.	2.1	20
33	Anti-Inflammatory Properties and Chemical Characterization of the Essential Oils of Four Citrus Species. <i>PLoS ONE</i> , 2016, 11, e0153643.	1.1	98
34	7-hydroxycalamenene effects on secreted aspartic proteases activity and biofilm formation of <i>Candida</i> spp.. <i>Pharmacognosy Magazine</i> , 2016, 12, 36.	0.3	10
35	<i>Bacteroides fragilis</i> Supernatant Extracts Enriched in Phenylacetic Acid Induce a Cytotoxic Effect in Mammalian Cells. <i>Advances in Microbiology</i> , 2015, 05, 730-736.	0.3	1
36	Effects of 7-Hydroxycalamenene Isolated from <i>Croton cajucara</i> Essential Oil on Growth, Lipid Content and Ultrastructural Aspects of <i>Rhizopus oryzae</i> . <i>Planta Medica</i> , 2014, 80, 550-556.	0.7	8

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37	Arrabidaea chica Hexanic Extract Induces Mitochondrion Damage and Peptidase Inhibition on Leishmaniaspp.. BioMed Research International, 2014, 2014, 1-7.	0.9	31
38	Effect of the secretory leucocyte proteinase inhibitor (SLPI) on Candida albicans biological processes: A therapeutic alternative?. Archives of Oral Biology, 2014, 59, 928-937.	0.8	19
39	Apoptosis-Inducing Effects of <i>Melissa officinalis</i> L. Essential Oil in Glioblastoma Multiforme Cells. Cancer Investigation, 2014, 32, 226-235.	0.6	36
40	Inhibitory effect of linalool-rich essential oil from Lippia alba on the peptidase and keratinase activities of dermatophytes. Journal of Enzyme Inhibition and Medicinal Chemistry, 2014, 29, 12-17.	2.5	17
41	The influence of orthodontic fixed appliances on the oral microbiota: A systematic review. Dental Press Journal of Orthodontics, 2014, 19, 46-55.	0.2	81
42	Does the essential oil of Lippia sidoides Cham. (pepper-rosmarin) affect its endophytic microbial community?. BMC Microbiology, 2013, 13, 29.	1.3	17
43	Anti-inflammatory, antioxidant, and antimicrobial activities of Cocos nucifera var. typica. BMC Complementary and Alternative Medicine, 2013, 13, 107.	3.7	42
44	Functional properties of saponins from sisal (Agave sisalana) and juÃ; (Ziziphus joazeiro): Critical micellar concentration, antioxidant and antimicrobial activities. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 436, 736-743.	2.3	67
45	Colonization of Streptococcus mutans on esthetic brackets: Self-ligating vs conventional. American Journal of Orthodontics and Dentofacial Orthopedics, 2013, 143, S72-S77.	0.8	29
46	In vitro cytotoxic effects of the essential oil from Croton cajucara (red sacaca) and its major constituent 7-hydroxycalamenene against Leishmania chagasi. BMC Complementary and Alternative Medicine, 2013, 13, 249.	3.7	40
47	Antimicrobial action and anti-corrosion effect against sulfate reducing bacteria by lemongrass (Cymbopogon citratus) essential oil and its major component, the citral. AMB Express, 2013, 3, 44.	1.4	57
48	Essential oils of Protium spp. samples from Amazonian popular markets: chemical composition, physicochemical parameters and antimicrobial activity. Journal of Essential Oil Research, 2013, 25, 171-178.	1.3	12
49	Sialoglycoproteins in Morphological Distinct Stages of Mucor polymorphosporus and their Influence on Phagocytosis by Human Blood Phagocytes. Mycopathologia, 2013, 176, 183-189.	1.3	5
50	Traditional use, chemical composition and antimicrobial activity of Pectis brevipedunculata essential oil: A correlated lemongrass species in Brazil. Emirates Journal of Food and Agriculture, 2013, 25, 798.	1.0	15
51	Prevalence of Group B Streptococcus serotypes III and V in pregnant women of Rio de Janeiro, Brazil. Brazilian Journal of Microbiology, 2013, 44, 869-872.	0.8	9
52	Chemical Composition and Biological Activities of Soldiers of the Brazilian Termite Species, <i>Nasutitermes macrocephalus</i> (Isoptera: Natutitermitinae). Natural Product Communications, 2013, 8, 1934578X1300800.	0.2	2
53	Antioxidant and Antimicrobial Activities of 7-Hydroxy-calamenene-Rich Essential Oils from Croton cajucara Benth.. Molecules, 2013, 18, 1128-1137.	1.7	37
54	Conventional Therapy and Promising Plant-Derived Compounds Against Trypanosomatid Parasites. Frontiers in Microbiology, 2012, 3, 283.	1.5	38

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55	Antimicrobial activity of the essential oils from the leaves of two morphotypes of <i>Croton cajucara</i> Benth. <i>Journal of Essential Oil Research</i> , 2012, 24, 351-357.	1.3	10
56	Putative role of an ABC transporter in <i>Fonsecaea pedrosoi</i> multidrug resistance. <i>International Journal of Antimicrobial Agents</i> , 2012, 40, 409-415.	1.1	4
57	Biological Activities of α -Pinene and β -Pinene Enantiomers. <i>Molecules</i> , 2012, 17, 6305-6316.	1.7	466
58	Microbial colonization in orthodontic mini-implants. <i>Brazilian Dental Journal</i> , 2012, 23, 422-427.	0.5	28
59	Antimicrobial activity of <i>Paenibacillus kribbensis</i> POC 115 against the dermatophyte <i>Trichophyton rubrum</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 953-962.	1.7	11
60	Characterisation of the anti-inflammatory and antinociceptive activities of the <i>Hyptis pectinata</i> (L.) Poit essential oil. <i>Journal of Ethnopharmacology</i> , 2011, 134, 725-732.	2.0	72
61	Characterisation of the anti-inflammatory and antinociceptive activities and the mechanism of the action of <i>Lippia gracilis</i> essential oil. <i>Journal of Ethnopharmacology</i> , 2011, 135, 406-413.	2.0	46
62	The latex obtained from <i>Hancornia speciosa</i> Gomes possesses anti-inflammatory activity. <i>Journal of Ethnopharmacology</i> , 2011, 135, 530-537.	2.0	67
63	Chemical Composition and Antimicrobial Activities of the Essential Oils from <i>Ocimum Selloi</i> and <i>Hesperozygis myrtoides</i> . <i>Natural Product Communications</i> , 2011, 6, 1934578X1100600.	0.2	5
64	Activation of the human complement system by pigmented and hypopigmented mycelia of the fungus <i>Fonsecaea pedrosoi</i> . <i>Mycoses</i> , 2011, 54, e474-80.	1.8	7
65	Biochemical properties of <i>Candida parapsilosis</i> ecto-5'-nucleotidase and the possible role of adenosine in macrophage interaction. <i>FEMS Microbiology Letters</i> , 2011, 317, 34-42.	0.7	13
66	Effects of platelet-activating factor on the interaction of <i>Trypanosoma cruzi</i> with <i>Rhodnius prolixus</i> . <i>Parasitology Research</i> , 2011, 108, 1473-1478.	0.6	4
67	Bacterial community associated with the trunk latex of <i>Hancornia speciosa</i> Gomes (Apocynaceae) grown in the northeast of Brazil. <i>Antonie Van Leeuwenhoek</i> , 2011, 99, 523-532.	0.7	17
68	Chemical composition and antimicrobial activities of the essential oils from <i>Ocimum selloi</i> and <i>Hesperozygis myrtoides</i> . <i>Natural Product Communications</i> , 2011, 6, 1027-30.	0.2	9
69	<i>Melissa officinalis</i> L. essential oil: antitumoral and antioxidant activities. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 56, 677-681.	1.2	161
70	Biochemical characterization of an ecto-ATP diphosphohydrolase activity in <i>Candida parapsilosis</i> and its possible role in adenosine acquisition and pathogenesis. <i>FEMS Yeast Research</i> , 2010, 10, 735-746.	1.1	16
71	Spores of <i>Mucor ramosissimus</i> , <i>Mucor plumbeus</i> and <i>Mucor circinelloides</i> and their ability to activate human complement system <i>in vitro</i> . <i>Medical Mycology</i> , 2010, 48, 278-284.	0.3	10
72	Oral sustained release nystatin tablets for the treatment of oral candidiasis: formulation development and validation of UV spectrophotometric analytical methodology for content determination. <i>Drug Development and Industrial Pharmacy</i> , 2010, 36, 594-600.	0.9	26

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73	Trypanosoma cruzi Peptidases: An Overview. The Open Parasitology Journal, 2010, 4, 120-131.	1.7	5
74	Chemical composition of the fractions of leaf oil of Alpinia zerumbet (Pers.) B.L. Burtt & R.M. Sm. and antimicrobial activity. Revista Brasileira De Farmacognosia, 2009, 19, 697-701.	0.6	24
75	Characterization of the antinociceptive and anti-inflammatory activities from Cocos nucifera L. (Palmae). Journal of Ethnopharmacology, 2009, 122, 541-546.	2.0	44
76	Plant Extracts: Search for New Alternatives to Treat Microbial Diseases. Current Pharmaceutical Biotechnology, 2009, 10, 106-121.	0.9	143
77	Screening of chemical composition, antimicrobial and antioxidant activities of Artemisia essential oils. Phytochemistry, 2008, 69, 1732-1738.	1.4	480
78	Antimicrobial activity of Paenibacillus polymyxa SCE2 against some mycotoxin-producing fungi. Journal of Applied Microbiology, 2008, 105, 1044-1053.	1.4	40
79	In vitro antioxidant potential of medicinal plant extracts and their activities against oral bacteria based on Brazilian folk medicine. Archives of Oral Biology, 2008, 53, 545-552.	0.8	109
80	Production of an antimicrobial substance against Cryptococcus neoformans by Paenibacillus brasiliensis Sa3 isolated from the rhizosphere of Kalanchoe brasiliensis. Microbiological Research, 2008, 163, 200-207.	2.5	28
81	Frequencies of feline blood types in the Rio de Janeiro area of Brazil. Veterinary Clinical Pathology, 2008, 37, 272-276.	0.3	23
82	Activation of Human Complement System by Mucor polymorphosporus Mycelia. The Open Mycology Journal, 2008, 2, 94-99.	0.8	2
83	Microbiological Evaluation of Elastomeric Chains. Angle Orthodontist, 2007, 77, 890-893.	1.1	26
84	Antifungal activity of Brazilian medicinal plants involved in popular treatment of mycoses. Journal of Ethnopharmacology, 2007, 111, 409-412.	2.0	86
85	Chemical and antimicrobial analyses of essential oil of Lippia organoides H.B.K. Food Chemistry, 2007, 101, 236-240.	4.2	99
86	Biology and pathogenesis of <i>Fonsecaea pedrosoi</i> , the major etiologic agent of chromoblastomycosis. FEMS Microbiology Reviews, 2007, 31, 570-591.	3.9	95
87	Comparative studies of phenotypic and genetic characteristics between two desulfurizing isolates of Rhodococcus erythropolis and the well-characterized R. erythropolis strain IGTS8. Journal of Industrial Microbiology and Biotechnology, 2007, 34, 423-431.	1.4	20
88	Antigiardial activity of Ocimum basilicum essential oil. Parasitology Research, 2007, 101, 443-452.	0.6	84
89	Antileishmanial activity of Eugenol-rich essential oil from Ocimum gratissimum. Parasitology International, 2006, 55, 99-105.	0.6	193
90	Ethnopharmacological study of two Lippia species from Oriximinã, Brazil. Journal of Ethnopharmacology, 2006, 108, 103-108.	2.0	77

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91	Characterization of <i>Gordonia</i> sp. strain F.5.25.8 capable of dibenzothiophene desulfurization and carbazole utilization. <i>Applied Microbiology and Biotechnology</i> , 2006, 71, 355-362.	1.7	57
92	Antimicrobial activity of <i>Croton cajucara</i> Benth linalool-rich essential oil on artificial biofilms and planktonic microorganisms. <i>Oral Microbiology and Immunology</i> , 2005, 20, 101-105.	2.8	146
93	Inhibition of melanin synthesis pathway by tricyclazole increases susceptibility of <i>Fonsecaea pedrosoi</i> against mouse macrophages. <i>Microscopy Research and Technique</i> , 2005, 68, 377-384.	1.2	54
94	Differential expression of sialylglycoconjugates and sialidase activity in distinct morphological stages of <i>Fonsecaea pedrosoi</i> . <i>Archives of Microbiology</i> , 2004, 181, 278-286.	1.0	22
95	Melanin from <i>Fonsecaea pedrosoi</i> Induces Production of Human Antifungal Antibodies and Enhances the Antimicrobial Efficacy of Phagocytes. <i>Infection and Immunity</i> , 2004, 72, 229-237.	1.0	93
96	Leishmanicidal activity of polyphenolic-rich extract from husk fiber of <i>Cocos nucifera</i> Linn. (Palmae). <i>Research in Microbiology</i> , 2004, 155, 136-143.	1.0	85
97	Antinociceptive and free radical scavenging activities of <i>Cocos nucifera</i> L. (Palmae) husk fiber aqueous extract. <i>Journal of Ethnopharmacology</i> , 2004, 92, 269-273.	2.0	52
98	Antimicrobial activity of <i>Paenibacillus peoriae</i> strain NRRL BD-62 against a broad spectrum of phytopathogenic bacteria and fungi. <i>Journal of Applied Microbiology</i> , 2003, 95, 1143-1151.	1.4	105
99	Differentiation of <i>Fonsecaea pedrosoi</i> mycelial forms into sclerotic cells is induced by platelet-activating factor. <i>Research in Microbiology</i> , 2003, 154, 689-695.	1.0	28
100	Characterization of Sialidase from an Influenza A (H3N2) Virus Strain: Kinetic Parameters and Substrate Specificity. <i>Intervirology</i> , 2003, 46, 199-206.	1.2	28
101	Comparison of <i>Fonsecaea pedrosoi</i> sclerotic cells obtained in vivo and in vitro: ultrastructure and antigenicity. <i>FEMS Immunology and Medical Microbiology</i> , 2002, 33, 63-69.	2.7	33
102	Identification of sialic acids on the cell surface of <i>Candida albicans</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2000, 1474, 262-268.	1.1	58
103	Inhibitory activity of <i>Paenibacillus polymyxa</i> SCE2 against human pathogenic microorganisms. <i>Letters in Applied Microbiology</i> , 1999, 28, 423-427.	1.0	31
104	Cell-surface sialoglycoconjugate structures in wild-type and mutant <i>Crithidia fasciculata</i> . <i>Parasitology Research</i> , 1999, 85, 293-299.	0.6	16