

Adilson Sartoratto

List of Publications by Year in descending order

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70
papers

2,865
citations

236925

25
h-index

175258

52
g-index

71
all docs

71
docs citations

71
times ranked

4233
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-Candida activity of Brazilian medicinal plants. <i>Journal of Ethnopharmacology</i> , 2005, 97, 305-311.	4.1	458
2	Composition and antimicrobial activity of essential oils from aromatic plants used in Brazil. <i>Brazilian Journal of Microbiology</i> , 2004, 35, 275-280.	2.0	410
3	Activity of essential oils from Brazilian medicinal plants on <i>Escherichia coli</i> . <i>Journal of Ethnopharmacology</i> , 2007, 111, 197-201.	4.1	181
4	The influence of a novel propolis on mutans streptococci biofilms and caries development in rats. <i>Archives of Oral Biology</i> , 2006, 51, 15-22.	1.8	124
5	<i>Coriandrum sativum</i> L. (Coriander) Essential Oil: Antifungal Activity and Mode of Action on <i>Candida</i> spp., and Molecular Targets Affected in Human Whole-Genome Expression. <i>PLoS ONE</i> , 2014, 9, e99086.	2.5	122
6	Encapsulated thyme (<i>Thymus vulgaris</i>) essential oil used as a natural preservative in bakery product. <i>Food Research International</i> , 2017, 96, 154-160.	6.2	108
7	Antimicrobial activity of garlic, tea tree oil, and chlorhexidine against oral microorganisms. <i>International Dental Journal</i> , 2002, 52, 433-437.	2.6	106
8	Physical properties and morphology of spray dried microparticles containing anthocyanins of jussara (<i>Euterpe edulis</i> Martius) extract. <i>Powder Technology</i> , 2016, 294, 421-428.	4.2	80
9	Antimicrobial Activity of Essential Oils against <i>Streptococcus mutans</i> and their Antiproliferative Effects. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-12.	1.2	71
10	In Vitro Cytotoxic Potential of Essential Oils of <i>Eucalyptus benthamii</i> and Its Related Terpenes on Tumor Cell Lines. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-8.	1.2	67
11	Scopolamine in <i>Brugmansia Suaveolens</i> (Solanaceae): Defense, Allocation, Costs, and Induced Response. <i>Journal of Chemical Ecology</i> , 2007, 33, 297-309.	1.8	66
12	Action of <i>Coriandrum sativum</i> L. Essential Oil upon Oral <i>Candida albicans</i> Biofilm Formation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-9.	1.2	66
13	Exploring the potential of halophilic bacteria from oil terminal environments for biosurfactant production and hydrocarbon degradation under high-salinity conditions. <i>International Biodeterioration and Biodegradation</i> , 2018, 126, 231-242.	3.9	60
14	Heterotrophic nitrifying/aerobic denitrifying bacteria: Ammonium removal under different physical-chemical conditions and molecular characterization. <i>Journal of Environmental Management</i> , 2019, 248, 109294.	7.8	57
15	Antimicrobial activity of garlic against oral streptococci. <i>International Journal of Dental Hygiene</i> , 2007, 5, 109-115.	1.9	52
16	Effect of salinity in heterotrophic nitrification/aerobic denitrification performed by acclimated microbiota from oil-produced water biological treatment system. <i>International Biodeterioration and Biodegradation</i> , 2018, 130, 1-7.	3.9	52
17	Influence of ethanol, water, and their mixtures as co-solvents of the supercritical carbon dioxide in the extraction of phenolics from purple corn cob (<i>Zea mays</i> L.). <i>Journal of Supercritical Fluids</i> , 2016, 118, 11-18.	3.2	50
18	Action of essential oils from Brazilian native and exotic medicinal species on oral biofilms. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 451.	3.7	49

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19	Extraction of bioactive compounds from cob and pericarp of purple corn (<i>Zea mays</i> L.) by sequential extraction in fixed bed extractor using supercritical CO ₂ , ethanol, and water as solvents. <i>Journal of Supercritical Fluids</i> , 2016, 107, 250-259.	3.2	40
20	Control of <i>Colletotrichum gloeosporioides</i> (penz.) Sacc. In yellow passion fruit using <i>Cymbopogon citratus</i> essential oil. <i>Brazilian Journal of Microbiology</i> , 2010, 41, 66-73.	2.0	36
21	Chemical constituents of the volatile oil from leaves of <i>Annona coriacea</i> and in vitro antiprotozoal activity. <i>Revista Brasileira De Farmacognosia</i> , 2011, 21, 0-0.	1.4	33
22	Effects of Undecylenic Acid Released from Denture Liner on <i>Candida</i> Biofilms. <i>Journal of Dental Research</i> , 2012, 91, 985-989.	5.2	32
23	Composition of essential oils and secretory structures of <i>Baccharis anomala</i> , <i>B. megapotamica</i> and <i>B. ochracea</i> . <i>Journal of Essential Oil Research</i> , 2012, 24, 19-24.	2.7	32
24	Endophytic fungi from <i>Passiflora incarnata</i> : an antioxidant compound source. <i>Archives of Microbiology</i> , 2020, 202, 2779-2789.	2.2	29
25	Application of headspace solid phase microextraction and gas chromatography to the screening of volatile compounds from some Brazilian aromatic plants. <i>Chromatographia</i> , 2003, 57, 351-356.	1.3	27
26	The Effect of Essential Oils and Bioactive Fractions on <i>Streptococcus mutans</i> and <i>Candida albicans</i> Biofilms: A Confocal Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-9.	1.2	27
27	Optimization of the extraction of phenolic compounds from purple corn cob (<i>Zea mays</i> L.) by sequential extraction using supercritical carbon dioxide, ethanol and water as solvents. <i>Journal of Supercritical Fluids</i> , 2016, 116, 10-19.	3.2	26
28	Effects of <i>Artemisia annua</i> alcohol extract on physiological and innate immunity of Nile tilapia (<i>Oreochromis niloticus</i>) to improve health status. <i>Fish and Shellfish Immunology</i> , 2020, 105, 369-377.	3.6	26
29	In Vitro, In Vivo and In Silico Analysis of the Anticancer and Estrogen-like Activity of Guava Leaf Extracts. <i>Current Medicinal Chemistry</i> , 2014, 21, 2322-2330.	2.4	25
30	In vitro effects of <i>Melaleuca alternifolia</i> essential oil on growth and production of volatile sulphur compounds by oral bacteria. <i>Journal of Applied Oral Science</i> , 2016, 24, 582-589.	1.8	25
31	Leishmanicidal activity of <i>Piper marginatum</i> Jacq. from Santarém-PA against <i>Leishmania amazonensis</i> . <i>Experimental Parasitology</i> , 2020, 210, 107847.	1.2	25
32	Probiotic infant cereal improves children's gut microbiota: Insights using the Simulator of Human Intestinal Microbial Ecosystem (SHIME®). <i>Food Research International</i> , 2021, 143, 110292.	6.2	21
33	Cupuaçu (<i>Theobroma grandiflorum</i>) residue and its potential application in the bioremediation of 17- β -ethinylestradiol as a <i>Pycnoporus sanguineus</i> laccase inducer. <i>Preparative Biochemistry and Biotechnology</i> , 2018, 48, 541-548.	1.9	20
34	Modulation of the intestinal microbiota and the metabolites produced by the administration of ice cream and a dietary supplement containing the same probiotics. <i>British Journal of Nutrition</i> , 2020, 124, 57-68.	2.3	20
35	Cytotoxic mechanism of <i>Baccharis milleflora</i> (Less.) DC. essential oil. <i>Toxicology in Vitro</i> , 2017, 42, 214-221.	2.4	19
36	Stability of immobilized laccase on <i>Luffa Cylindrica</i> fibers and assessment of synthetic hormone degradation. <i>Preparative Biochemistry and Biotechnology</i> , 2019, 49, 58-63.	1.9	17

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37	Physicochemical characterization of <i>Pseudomonas stutzeri</i> UFV5 and analysis of its transcriptome under heterotrophic nitrification/aerobic denitrification pathway induction condition. <i>Scientific Reports</i> , 2020, 10, 2215.	3.3	17
38	Exploring the genetic potential of a fosmid metagenomic library from an oil-impacted mangrove sediment for metabolism of aromatic compounds. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 109974.	6.0	16
39	Anti-inflammatory and antimicrobial effects of <i>Zingiber officinale</i> mouthwash on patients with fixed orthodontic appliances. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2021, 159, 21-29.	1.7	15
40	In vitro and in vivo antimalarial activity of the volatile oil of <i>Cyperus articulatus</i> (Cyperaceae). <i>Acta Amazonica</i> , 2019, 49, 334-342.	0.7	13
41	Control of <i>Colletotrichum gloeosporioides</i> (penz.) Sacc. In yellow passion fruit using <i>Cymbopogon citratus</i> essential oil. <i>Brazilian Journal of Microbiology</i> , 2010, 41, 66-73.	2.0	12
42	Antimicrobial Activity of Two Garlic Species (<i>Allium Sativum</i> and <i>A. Tuberosum</i>) Against <i>Staphylococci</i> Infection. In Vivo Study in Rats. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 115-121.	1.4	11
43	Immune status, well-being and gut microbiota in military supplemented with synbiotic ice cream and submitted to field training: a randomised clinical trial. <i>British Journal of Nutrition</i> , 2021, 126, 1794-1808.	2.3	11
44	Improving the performance of transglutaminase-crosslinked microparticles for enteric delivery. <i>Food Research International</i> , 2016, 88, 153-158.	6.2	10
45	Biomassa e composiçÃo quÃmica de genÃtipos melhorados de espÃcies medicinais cultivadas em quatro municÃpios paulistas. <i>Pesquisa Agropecuaria Brasileira</i> , 2006, 41, 869-872.	0.9	10
46	Methyl Jasmonate Increases the Tropane Alkaloid Scopolamine and Reduces Natural Herbivory in <i>Brugmansia suaveolens</i> : Is Scopolamine Responsible for Plant Resistance?. <i>Neotropical Entomology</i> , 2012, 41, 2-8.	1.2	9
47	<i>Spirulina platensis</i> biomass enhances the proliferation rate of <i>Lactobacillus acidophilus</i> 5 (La-5) and combined with La-5 impact the gut microbiota of medium-age healthy individuals through an in vitro gut microbiome model. <i>Food Research International</i> , 2022, 154, 110880.	6.2	9
48	Anti-Inflammatory Potential of the Oleoresin from the Amazonian Tree <i>Copaifera reticulata</i> with an Unusual Chemical Composition in Rats. <i>Veterinary Sciences</i> , 2021, 8, 320.	1.7	9
49	Production of copaiba (<i>Copaifera officinalis</i>) oleoresin particles by supercritical fluid extraction of emulsions. <i>Journal of Supercritical Fluids</i> , 2018, 140, 364-371.	3.2	7
50	Chemical Composition and Antiproliferative Activity of the Ethanolic Extract of <i>Cyperus articulatus</i> L. (Cyperaceae). <i>Plants</i> , 2021, 10, 2084.	3.5	7
51	Evaluation of Limonene in sugarcane wax extraction. <i>Sustainable Chemistry and Pharmacy</i> , 2022, 27, 100657.	3.3	7
52	Purple corn (<i>Zea mays</i> L.) pericarp hydroalcoholic extracts obtained by conventional processes at atmospheric pressure and by processes at high pressure. <i>Brazilian Journal of Chemical Engineering</i> , 2020, 37, 237-248.	1.3	6
53	Study of the Variation of the Composition of the Essential Oil of Leaves and Flowers of <i>Achyrocline alata</i> (D.C.) Along a Period of the Day. <i>Journal of Essential Oil Research</i> , 2002, 14, 280-281.	2.7	5
54	High-speed countercurrent chromatography as a tool to isolate nerolidol from the <i>Baccharis dracunculifolia</i> volatile oil. <i>Journal of Essential Oil Research</i> , 2014, 26, 334-337.	2.7	4

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55	Docosahexaenoic acid ethyl ester (DHAE) microcapsule production by spray-drying: optimization by experimental design. <i>Food Science and Technology</i> , 2011, 31, 589-596.	1.7	3
56	Undecane production by cold-adapted bacteria from Antarctica. <i>Extremophiles</i> , 2020, 24, 863-873.	2.3	3
57	Non-Polar Chemical Constituents of Atemoya and Evaluation of the Cytotoxic and Antimicrobial Activity. <i>Phyton</i> , 2021, 90, 921-931.	0.7	3
58	Dosagem de artemisinina em <i>Artemisia annua</i> L. por cromatografia líquida de alta eficiência com detecção por índice de refração. <i>Revista Brasileira De Farmacognosia</i> , 2002, 12, 116-118.	1.4	2
59	EFFECT OF DRYING TEMPERATURE ON THE YIELD AND PHYTOCHEMICAL QUALITY OF THE ESSENTIAL OIL OF PEPPER ROSEMARY (<i>LIPPIA ORIGANOIDES</i> KUNTH) AND OF CLOVE BASIL (<i>OCIMUM GRATISSIMUM</i> L.). <i>Brazilian Journal of Development</i> , 2020, 6, 57107-57120.	0.1	2
60	Chemical Diversity and Ethnopharmacological Survey of South American Medicinal and Aromatic Plant Species. <i>Medicinal and Aromatic Plants of the World</i> , 2018, , 17-44.	0.2	1
61	In vitro antibacterial activity of ethanol extract of <i>Artemisia annua</i> and its bioactive fractions against fish pathogens. <i>Aquaculture Research</i> , 2021, 52, 1797-1801.	1.8	1
62	EFFECT OF DRYING TEMPERATURE ON THE YIELD AND PHYTOCHEMICAL QUALITY OF THE ESSENTIAL OIL OF MINT (<i>MENTHA X VILLOSA</i> HUDS.) / EFEITO DA TEMPERATURA DE SECAGEM NO RENDIMENTO E NA QUALIDADE FITOQUÍMICA DO ÓLEO ESSENCIAL DE HORTELÂNDIA (<i>MENTHA X VILLOSA</i> HUDS.). <i>Brazilian Journal of Development</i> , 2020, 6, 81101-81112.	0.1	1
63	Avaliação do teor de Cumarina e atividade antifúngica de frações de óleo de Cumaru. <i>Revista Ibero-americana De Ciências Ambientais</i> , 2018, 9, 63-69.	0.1	1
64	Aproveitamento dos resíduos de priprica (<i>Cyperus articulatus</i> L.) no controle alternativo de fungos fitopatogênicos. <i>Revista Ibero-americana De Ciências Ambientais</i> , 2020, 11, 80-88.	0.1	1
65	AVALIAÇÃO DO EFEITO IN VITRO DA EFICÁCIA DO EXTRATO HIDROALCOÓLICO DO CAJÁ (<i>SPONDIAS MOMBIN</i> L.) E DA GRAVIOLA (<i>ANNONA MURICATA</i> L.) SOBRE MICROORGANISMOS ORAIS / IN VITRO EVALUATION OF THE EFFICACY OF CAJÁ (<i>SPONDIAS MOMBIN</i> L.) AND SOURSOP (<i>ANNONA MURICATA</i> L.) HYDROALCOHOLIC EXTRACT ON ORAL MICROORGANISMS. <i>Brazilian Journal of Development</i> , 2020, 6, 66772-66793.	0.1	1
66	Supercritical extraction from red propolis and fractionation of its hydroalcoholic and ethanolic extracts using CO ₂ as anti-solvent / Extração supercrítica da própolis vermelha e fracionamento de seus extratos hidroalcoólicos e etanólicos usando CO ₂ como anti-solvente. <i>Brazilian Journal of Development</i> , 2022, 8, 8032-8046.	0.1	1
67	Fractionation of sesquiterpenes and diterpenic acids from copaiba (<i>Copaifera officinalis</i>) oleoresin using supercritical adsorption. <i>Journal of Supercritical Fluids</i> , 2022, 184, 105565.	3.2	1
68	Efeito da temperatura de secagem sobre o rendimento e qualidade fitoquímica de óleo essencial e óleo essencial extraído de folhas de <i>Mikania laevigata</i> (Guaco). <i>Brazilian Journal of Development</i> , 2020, 6, 48960-48972.	0.1	0
69	Análise fitoquímica e atividade antimicrobiana do extrato etanólico do resíduo madeireiro de <i>Hymenaea courbaril</i> L.. <i>Revista Ibero-americana De Ciências Ambientais</i> , 2020, 11, 72-80.	0.1	0
70	Composition and in vitro antimicrobial activity of pink pepper fruit essential oils / Composição e atividade antimicrobiana in vitro de óleos essenciais de frutos de pimenta-rosa. <i>Brazilian Journal of Development</i> , 2021, 7, 70580-70597.	0.1	0