

Adilson Sartoratto

List of Publications by Year in descending order

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papers

2,865
citations

236925

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175258

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71
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citing authors

#	ARTICLE	IF	CITATIONS
1	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. Brazilian Journal of Development, 2022, 8, 8032-8046.	0.1	1
2	Spirulina platensis biomass enhances the proliferation rate of Lactobacillus acidophilus 5 (La-5) and combined with La-5 impact the gut microbiota of medium-age healthy individuals through an in vitro gut microbiome model. Food Research International, 2022, 154, 110880.	6.2	9
3	Fractionation of sesquiterpenes and diterpenic acids from copaiba (Copaifera officinalis) oleoresin using supercritical adsorption. Journal of Supercritical Fluids, 2022, 184, 105565.	3.2	1
4	Evaluation of Limonene in sugarcane wax extraction. Sustainable Chemistry and Pharmacy, 2022, 27, 100657.	3.3	7
5	In vitro antibacterial activity of ethanol extract of <i>Artemisia annua</i> and its bioactive fractions against fish pathogens. Aquaculture Research, 2021, 52, 1797-1801.	1.8	1
6	Anti-inflammatory and antimicrobial effects of Zingiber officinale mouthwash on patients with fixed orthodontic appliances. American Journal of Orthodontics and Dentofacial Orthopedics, 2021, 159, 21-29.	1.7	15
7	Immune status, well-being and gut microbiota in military supplemented with synbiotic ice cream and submitted to field training: a randomised clinical trial. British Journal of Nutrition, 2021, 126, 1794-1808.	2.3	11
8	Probiotic infant cereal improves children's gut microbiota: Insights using the Simulator of Human Intestinal Microbial Ecosystem (SHIME®). Food Research International, 2021, 143, 110292.	6.2	21
9	Non-Polar Chemical Constituents of Atemoya and Evaluation of the Cytotoxic and Antimicrobial Activity. Phytol, 2021, 90, 921-931.	0.7	3
10	Chemical Composition and Antiproliferative Activity of the Ethanolic Extract of Cyperus articulatus L. (Cyperaceae). Plants, 2021, 10, 2084.	3.5	7
11	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. Brazilian Journal of Development, 2021, 7, 70580-70597.	0.1	0
12	Anti-Inflammatory Potential of the Oleoresin from the Amazonian Tree Copaifera reticulata with an Unusual Chemical Composition in Rats. Veterinary Sciences, 2021, 8, 320.	1.7	9
13	Exploring the genetic potential of a fosmid metagenomic library from an oil-impacted mangrove sediment for metabolism of aromatic compounds. Ecotoxicology and Environmental Safety, 2020, 189, 109974.	6.0	16
14	Effects of Artemisia annua alcohol extract on physiological and innate immunity of Nile tilapia (Oreochromis niloticus) to improve health status. Fish and Shellfish Immunology, 2020, 105, 369-377.	3.6	26
15	Endophytic fungi from Passiflora incarnata: an antioxidant compound source. Archives of Microbiology, 2020, 202, 2779-2789.	2.2	29
16	Undecane production by cold-adapted bacteria from Antarctica. Extremophiles, 2020, 24, 863-873.	2.3	3
17	Modulation of the intestinal microbiota and the metabolites produced by the administration of ice cream and a dietary supplement containing the same probiotics. British Journal of Nutrition, 2020, 124, 57-68.	2.3	20
18	Physicochemical characterization of Pseudomonas stutzeri UFV5 and analysis of its transcriptome under heterotrophic nitrification/aerobic denitrification pathway induction condition. Scientific Reports, 2020, 10, 2215.	3.3	17

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19	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
20	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
21	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 HORTELÃ (<i>MENTHA X VILLOSA</i> HUDS.). <i>Brazilian Journal of Development</i> , 2020, 6, 81101-81112.	0.1	1
22	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
23	Aproveitamento dos resíduos de pripricia (<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
24	AVALIAÇÃO DO EFEITO IN VITRO DA EFICÁCIA DO EXTRATO HIDROALCOÓLICO DO CAJÁ (SPONDIAS MOMBIN L.) E DA GRAVIOLA (ANNONA MURICATA L.) SOBRE MICROORGANISMOS ORAIS / IN VITRO EVALUATION OF THE EFFICACY OF CAJÁ (SPONDIAS MOMBIN L.) AND SOURSOP (ANNONA MURICATA L.) HYDROALCOHOLIC EXTRACT ON ORAL MICROORGANISMS. <i>Brazilian Journal of Development</i> , 2020, 6, 66772-66793.	0.1	1
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
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	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
35	Avaliação do teor de Cumarina e atividade antifúngica de frações de óleo de Cumarú. <i>Revista Ibero-americana De Ciências Ambientais</i> , 2018, 9, 63-69.	0.1	1
36	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

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37	Cytotoxic mechanism of <i>Baccharis milleflora</i> (Less.) DC. essential oil. <i>Toxicology in Vitro</i> , 2017, 42, 214-221.	2.4	19
38	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
39	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
40	Improving the performance of transglutaminase-crosslinked microparticles for enteric delivery. <i>Food Research International</i> , 2016, 88, 153-158.	6.2	10
41	Physical properties and morphology of spray dried microparticles containing anthocyanins of <i>Jussiaea edulis</i> Martius extract. <i>Powder Technology</i> , 2016, 294, 421-428.	4.2	80
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	<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
50	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
51	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
52	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
53	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
54	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

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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	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
57	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
58	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
59	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
60	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
61	Antimicrobial activity of garlic against oral streptococci. <i>International Journal of Dental Hygiene</i> , 2007, 5, 109-115.	1.9	52
62	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
63	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
64	Biomassa e composiço qumica de gentipos melhorados de espces medicinais cultivadas em quatro municpios paulistas. <i>Pesquisa Agropecuaria Brasileira</i> , 2006, 41, 869-872.	0.9	10
65	Anti-Candida activity of Brazilian medicinal plants. <i>Journal of Ethnopharmacology</i> , 2005, 97, 305-311.	4.1	458
66	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
67	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
68	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
69	Antimicrobial activity of garlic, tea tree oil, and chlorhexidine against oral microorganisms. <i>International Dental Journal</i> , 2002, 52, 433-437.	2.6	106
70	Dosagem de artemisinina em <i>Artemisia annua</i> L. por cromatografia lquida de alta eficincia com deteco por ndice de refrao. <i>Revista Brasileira De Farmacognosia</i> , 2002, 12, 116-118.	1.4	2