

Alexsandro Branco

List of Publications by Year in descending order

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76
papers

1,102
citations

430843

18
h-index

501174

28
g-index

76
all docs

76
docs citations

76
times ranked

1554
citing authors

#	ARTICLE	IF	CITATIONS
1	Homology modeling, docking, molecular dynamics and <i>in vitro</i> studies to identify <i>Rhipicephalus microplus</i> acetylcholinesterase inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 6787-6797.	3.5	7
2	Methoxylated flavonols from <i>Vellozia dasypus</i> Seub ethyl acetate active myeloperoxidase extract: <i>in vitro</i> and <i>in silico</i> assays. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 7574-7583.	3.5	44
3	Activation of the Kynurenine Pathway and Production of Inflammatory Cytokines by Astrocytes and Microglia Infected With <i>Neospora caninum</i> . <i>International Journal of Tryptophan Research</i> , 2022, 15, 117864692110699.	2.3	3
4	Bothrops leucurus snake venom protein profile, isolation and biological characterization of its major toxin PLA2s-like. <i>Toxicon</i> , 2022, 213, 27-42.	1.6	3
5	Characterization of a flavonol-rich antioxidant fraction from <i>Spondias purpurea</i> L. pulp and the effect of its incorporation on cellulose acetate-based film. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 3270-3279.	3.5	7
6	Identification of <i>Sassafras albidum</i> alkaloids by high-performance thin-layer chromatography tandem mass spectrometry and mapping by desorption electrospray ionization mass spectrometry imaging. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4674.	1.6	9
7	<i>In vitro</i> and <i>in silico</i> studies of the larvicidal and anticholinesterase activities of berberine and piperine alkaloids on <i>Rhipicephalus microplus</i> . <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101643.	2.7	11
8	Lactones from <i>Persea americana</i> and <i>Persea fulva</i> – <i>in vitro</i> and <i>in silico</i> Evaluation of <i>Trypanosoma cruzi</i> Activity. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100362.	2.1	3
9	<i>In vitro</i> anthelmintic evaluation of three alkaloids against gastrointestinal nematodes of goats. <i>Veterinary Parasitology</i> , 2021, 296, 109505.	1.8	1
10	Gastroprotective Activity of <i>Neoglaziovia variegata</i> (Arruda) Mez. (Bromeliaceae) in Rats and Mice. <i>Journal of Medicinal Food</i> , 2021, 24, 1113-1123.	1.5	2
11	Antinociceptive and anti-inflammatory activities of <i>Hymenaea martiana</i> Hayne (Fabaceae) in mice. <i>Brazilian Journal of Biology</i> , 2021, 82, e240359.	0.9	3
12	Hydroxycinnamic acid-spermidine amides from <i>Tetragonisca angustula</i> honey as anti- <i>Neospora caninum</i> : <i>in vitro</i> and <i>in silico</i> studies. <i>Chemical Biology and Drug Design</i> , 2021, 98, 1104-1115.	3.2	4
13	Evaluation of antioxidant, photoprotective and antinociceptive activities of <i>Marcetia macrophylla</i> extract: potential for formulation of sunscreens. <i>Brazilian Journal of Biology</i> , 2021, 83, e246312.	0.9	0
14	Acetylcholinesterase inhibitory activity of <i>Ocotea pomaderroides</i> extracts: HPLC-MS/MS characterization and molecular modeling studies. <i>Natural Product Research</i> , 2020, , 1-5.	1.8	2
15	Flavonoid-rich fraction from <i>Pleroma pereirae</i> (Melastomataceae): Effects on calcium oxalate crystallization, antioxidant and antinociceptive activities. <i>European Journal of Integrative Medicine</i> , 2020, 35, 101095.	1.7	9
16	Calycopterin, a major flavonoid from <i>Marcetia latifolia</i> , modulates virulence-related traits in <i>Pseudomonas aeruginosa</i> . <i>Microbial Pathogenesis</i> , 2020, 144, 104142.	2.9	8
17	Rapid structural characterisation of benzyloisoquinoline and aporphine alkaloids from <i>Ocotea spixiana</i> acaricide extract by HPTLC-DESI-MS. <i>Phytochemical Analysis</i> , 2020, 31, 711-721.	2.4	14
18	Anti-tick effect and cholinesterase inhibition caused by <i>Prosopis juliflora</i> alkaloids: <i>in vitro</i> and <i>in silico</i> studies. <i>Brazilian Journal of Veterinary Parasitology</i> , 2020, 29, e019819.	0.7	4

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19	Acetylcholinesterase inhibitory activities and bioguided fractionation of the <i>Ocotea percoriacea</i> extracts: HPLC-DAD-MS/MS characterization and molecular modeling of their alkaloids in the active fraction. <i>Computational Biology and Chemistry</i> , 2019, 83, 107129.	2.3	16
20	Anthelmintic activity of plants against gastrointestinal nematodes of goats: a review. <i>Parasitology</i> , 2019, 146, 1233-1246.	1.5	39
21	Alkene lactones from <i>Persea fulva</i> (Lauraceae): Evaluation of their effects on tumor cell growth in vitro and molecular docking studies. <i>Bioorganic Chemistry</i> , 2019, 86, 665-673.	4.1	7
22	Saponin-rich fraction from <i>Agave sisalana</i> : effect against malignant astrocytic cells and its chemical characterisation by ESI-MS/MS. <i>Natural Product Research</i> , 2019, 33, 1769-1772.	1.8	4
23	Extraction and preliminary chemical characterization of the venom of the spider wasp <i>Pepsis decorata</i> (Hymenoptera: Pompilidae). <i>Toxicon</i> , 2018, 150, 74-76.	1.6	10
24	In vitro acaricide and anticholinesterase activities of <i>Digitaria insularis</i> (Poaceae) against <i>Rhipicephalus (Boophilus) microplus</i> . <i>Veterinary Parasitology</i> , 2018, 255, 102-106.	1.8	7
25	<i>In vitro</i> ovicidal and larvicidal activities of some saponins and flavonoids against parasitic nematodes of goats. <i>Parasitology</i> , 2018, 145, 1884-1889.	1.5	20
26	Characterization of the secondary metabolites from endophytic fungi <i>Nodulisporium</i> sp. isolated from the medicinal plant <i>Mikania laevigata</i> (Asteraceae) by reversed-phase high-performance liquid chromatography coupled with mass spectrometric multistage. <i>Pharmacognosy Magazine</i> , 2018, 14, 495.	0.6	3
27	<i>In vitro</i> anticholinesterase and neurotoxicity activities of <i>Ocotea aciphylla</i> fractions. <i>Pharmacognosy Magazine</i> , 2018, 14, 448.	0.6	1
28	<i>In vitro</i> acaricide activity of <i>Ocotea aciphylla</i> (Nees) Mez. (Lauraceae) extracts and identification of the compounds from the active fractions. <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 275-282.	2.7	14
29	<i>In vitro</i> anthelmintic and cytotoxicity activities the <i>Digitaria insularis</i> (Poaceae). <i>Veterinary Parasitology</i> , 2017, 245, 48-54.	1.8	15
30	Host-guest inclusion complexation of β -cyclodextrin and hecogenin acetate to enhance anti-hyperalgesic effect in an animal model of musculoskeletal pain. <i>Process Biochemistry</i> , 2017, 59, 123-131.	3.7	15
31	Ovicidal activity of succinic acid isolated from sisal waste (<i>Agave sisalana</i>) against gastrointestinal nematodes of goats. <i>Ciencia Rural</i> , 2017, 47, .	0.5	2
32	Betulinic acid from <i>Zizyphus Joazeiro</i> bark using focused microwave-assisted extraction and response surface methodology. <i>Pharmacognosy Magazine</i> , 2017, 13, 226.	0.6	7
33	<i>Prosopis juliflora</i> pods alkaloid-rich fraction: <i>In vitro</i> anthelmintic activity on goat gastrointestinal parasites and its cytotoxicity on vero cells. <i>Pharmacognosy Magazine</i> , 2017, 13, 684.	0.6	4
34	Acaricidal activity of <i>Amburana cearensis</i> on the cattle tick <i>Rhipicephalus (Boophilus) microplus</i> . <i>Ciencia Rural</i> , 2016, 46, 536-541.	0.5	13
35	ANTIBACTERIAL POTENTIAL OF NATIVE PLANTS FROM THE CAATINGA BIOME AGAINST <i>Staphylococcus</i> spp. ISOLATES FROM SMALL RUMINANTS WITH MASTITIS. <i>Revista Caatinga</i> , 2016, 29, 758-763.	0.7	12
36	<i>In vitro</i> photoprotective activity of the <i>Spondias purpurea</i> L. peel crude extract and its incorporation in a pharmaceutical formulation. <i>Industrial Crops and Products</i> , 2016, 83, 509-514.	5.2	38

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37	Antinociceptive activity of <i>Tibouchina pereirae</i> , an endemic plant from the Brazilian semiarid region. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2016, 71, 261-265.	1.4	3
38	In vitro anthelmintic activity of the <i>Zizyphus joazeiro</i> bark against gastrointestinal nematodes of goats and its cytotoxicity on Vero cells. <i>Veterinary Parasitology</i> , 2016, 226, 10-16.	1.8	18
39	Comparison of Conventional Microwave and Focused Microwave-assisted Extraction to Enhance the Efficiency of the Extraction of Antioxidant Flavonols from Jocote Pomace (<i>Spondias purpurea</i> L.). <i>Plant Foods for Human Nutrition</i> , 2015, 70, 160-169.	3.2	13
40	Chemicals from <i>Agave sisalana</i> Biomass: Isolation and Identification. <i>International Journal of Molecular Sciences</i> , 2015, 16, 8761-8771.	4.1	33
41	In vitro photoprotective effects of <i>Marcetia taxifolia</i> ethanolic extract and its potential for sunscreen formulations. <i>Revista Brasileira De Farmacognosia</i> , 2015, 25, 413-418.	1.4	32
42	Evidence for the Involvement of Spinal Cord-Inhibitory and Cytokines-Modulatory Mechanisms in the Anti-Hyperalgesic Effect of Hecogenin Acetate, a Steroidal Sapogenin-Acetylated, in Mice. <i>Molecules</i> , 2014, 19, 8303-8316.	3.8	23
43	Isolation and identification of endophytic fungi in the medicinal plant <i>Mikania laevigata</i> (Asteraceae). <i>Pharmacognosy Journal</i> , 2014, 6, 10-15.	0.8	1
44	Antinociceptive effect of <i>Encholirium spectabile</i> : A Bromeliaceae from the Brazilian caatinga biome. <i>Pharmacognosy Magazine</i> , 2014, 10, 655.	0.6	6
45	Antimicrobial activity and chemical analysis of <i>Microlicia hatschbachii</i> Wurdack (Melastomataceae) extract. <i>Natural Product Research</i> , 2014, 28, 333-336.	1.8	3
46	Antioxidant Activity and Phenolics Analysis by HPLC-DAD of <i>Solanum thomasiifolium</i> Sendtner (Solanaceae). <i>Free Radicals and Antioxidants</i> , 2014, 4, 15-23.	0.3	2
47	Hecogenin Acetate Inhibits Reactive Oxygen Species Production and Induces Cell Cycle Arrest and Senescence in the A549 Human Lung Cancer Cell Line. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 1128-1135.	1.7	14
48	In vitro ovicidal and larvicidal activity of <i>Agave sisalana</i> Perr. (sisal) on gastrointestinal nematodes of goats. <i>Veterinary Parasitology</i> , 2013, 192, 211-217.	1.8	51
49	Aqueous extraction of pectin from sisal waste. <i>Carbohydrate Polymers</i> , 2013, 92, 1997-2001.	10.2	85
50	Evidence for the Involvement of Descending Pain-Inhibitory Mechanisms in the Antinociceptive Effect of Hecogenin Acetate. <i>Journal of Natural Products</i> , 2013, 76, 559-563.	3.0	38
51	GC-MS Characterisation of Sapogenins from Sisal Waste and a Method to Isolate Pure Hecogenin. <i>BioResources</i> , 2013, 9, .	1.0	10
52	c-Fos expression in the piriform cortex and periaqueductal gray after hecogenin acetate administration on carrageenan-induced hypernociception test. <i>FASEB Journal</i> , 2013, 27, lb524.	0.5	0
53	Antimicrobial activity of <i>Marcetia</i> DC species (Melastomataceae) and analysis of its flavonoids by reverse phase-high performance liquid chromatography coupled-diode array detector. <i>Pharmacognosy Magazine</i> , 2012, 8, 209.	0.6	13
54	The flavonol calycopterin from the antimicrobial ethyl acetate extract of <i>Marcetia latifolia</i> . <i>Chemistry of Natural Compounds</i> , 2012, 48, 474-476.	0.8	4

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55	Antinociceptive effect of ethanolic extract of <i>Selaginella convoluta</i> in mice. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 187.	3.7	21
56	Synthesis of naringin 6"-ricinoleate using immobilized lipase. <i>Chemistry Central Journal</i> , 2012, 6, 41.	2.6	23
57	Production, extraction and characterization of exopolysaccharides produced by the native <i>Leuconostoc pseudomesenteroides</i> R2 strain. <i>Anais Da Academia Brasileira De Ciencias</i> , 2012, 84, 495-508.	0.8	41
58	Action of sisal (<i>Agave sisalana</i> , Perrine) extract in the in vitro development of sheep and goat gastrointestinal nematodes. <i>Experimental Parasitology</i> , 2012, 131, 162-168.	1.2	21
59	Anthraquinones from the bark of <i>Senna macranthera</i> . <i>Anais Da Academia Brasileira De Ciencias</i> , 2011, 83, 1159-1164.	0.8	10
60	d-Mannitol from <i>Agave sisalana</i> biomass waste. <i>Industrial Crops and Products</i> , 2010, 32, 507-510.	5.2	30
61	Search for new antimalarial compounds obtained from natural sources by molecular modeling. <i>International Journal of Quantum Chemistry</i> , 2010, 110, 2057-2066.	2.0	1
62	Evaluation of anthelmintic activity of liquid waste of <i>Agave sisalana</i> (sisal) in goats. <i>Brazilian Journal of Veterinary Parasitology</i> , 2010, 19, 270-272.	0.7	16
63	Caracterizaçãõ morfoanatãmica de folhas e caules de <i>Microlicia hatschbachii</i> Wurdack, Melastomataceae. <i>Revista Brasileira De Farmacognosia</i> , 2010, 20, 529-535.	1.4	15
64	Complete ¹ H and ¹³ C NMR assignments and anti fungal activity of two 8-hydroxy flavonoids in mixture. <i>Anais Da Academia Brasileira De Ciencias</i> , 2007, 79, 215-222.	0.8	12
65	Radical scavenging, antioxidant and cytotoxic activity of Brazilian Caatinga plants. <i>FÃ-toterapÃ-c</i> , 2007, 78, 215-218.	2.2	41
66	Antimicrobial activity of wax and hexane extracts from <i>Citrus</i> spp. peels. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2007, 102, 681-685.	1.6	32
67	Antimicrobial activity of wax and hexane extracts from <i>Citrus</i> spp. peels. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2007, 102, 681-685.	1.6	28
68	Chemical constituents from <i>Vellozia graminifolia</i> (Velloziaceae). <i>Anais Da Academia Brasileira De Ciencias</i> , 2004, 76, 505-518.	0.8	14
69	Acid triterpenes and flavonoids from <i>Baccharis ligustrina</i> (Asteraceae). <i>Biochemical Systematics and Ecology</i> , 2003, 31, 319-321.	1.3	5
70	Two Xanthones from <i>Polygala paniculata</i> and Confirmation of the 1-Hydroxy-2,3,5-trimethoxy-xanthone at Trace Level by HRGC-MS. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2003, 58, 490-494.	1.4	25
71	CGAR E CGAR-EM na anÃlise dos constituintes quÃmicos isolados do extrato hexanico de <i>Sebastiania argutidens</i> (Euphorbiaceae). <i>Quimica Nova</i> , 2002, 25, 15-19.	0.3	5
72	Two 8C-methylated Flavonols from the Leaves of <i>Vellozia candida</i> Mikan (Velloziaceae). <i>Journal of the Brazilian Chemical Society</i> , 2002, 13, 318-323.	0.6	8

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73	Further lipophilic flavonols in <i>Vellozia graminifolia</i> (Velloziaceae) by high temperature gas chromatography: quick detection of new compounds. <i>Phytochemical Analysis</i> , 2001, 12, 266-270.	2.4	18
74	Two monoisoprenylated flavonoids from <i>Vellozia graminifolia</i> . <i>Phytochemistry</i> , 1998, 47, 471-474.	2.9	15
75	Rubrofusarina, um policetÃdeo natural inibidor da topoisomerase II- β humana. <i>Revista Brasileira De Farmacognosia</i> , 0, 18, 703-708.	1.4	10
76	Xylariaceae Endophytic Fungi Metabolites Against <i>Salmonella</i> . , 0, , .		1