

Otã-lia Deusdãnia Loiola Pessoa

List of Publications by Year in descending order

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331259

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113
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113
times ranked

2842
citing authors

#	ARTICLE	IF	CITATIONS
1	Betulinic Acid, a Natural Pentacyclic Triterpenoid, Prevents Abdominal Fat Accumulation in Mice Fed a High-Fat Diet. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 8776-8781.	2.4	110
2	Purification and characterization of a biosurfactant produced by <i>Bacillus subtilis</i> in cashew apple juice and its application in the remediation of oil-contaminated soil. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 175, 256-263.	2.5	108
3	Piplartine, an amide alkaloid from <i>Piper tuberculatum</i> , presents anxiolytic and antidepressant effects in mice. <i>Phytomedicine</i> , 2007, 14, 605-612.	2.3	91
4	In-vitro and in-vivo antitumour activity of physalins B and D from <i>Physalis angulata</i> . <i>Journal of Pharmacy and Pharmacology</i> , 2010, 58, 235-241.	1.2	83
5	<i>In vivo</i> growth inhibition of sarcoma 180 by piperlonguminine, an alkaloid amide from the <i>Piper</i> species. <i>Journal of Applied Toxicology</i> , 2008, 28, 599-607.	1.4	65
6	Chemical Composition and Larvicidal Activity of the Essential Oils from <i>Eupatorium betonicaeforme</i> (D.C.) Baker (Asteraceae). <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 6708-6711.	2.4	49
7	Antitumor Activity of the Essential Oil from the Leaves of <i>Croton regelianus</i> and Its Component Ascaridole. <i>Chemistry and Biodiversity</i> , 2009, 6, 1224-1231.	1.0	48
8	Topical anti-inflammatory potential of Physalin E from <i>Physalis angulata</i> on experimental dermatitis in mice. <i>Phytomedicine</i> , 2010, 17, 740-743.	2.3	48
9	In vitro and in vivo antiproliferative activity of <i>Calotropis procera</i> stem extracts. <i>Anais Da Academia Brasileira De Ciencias</i> , 2010, 82, 407-416.	0.3	45
10	Chemical composition and larvicidal activity of the essential oils of <i>Cordia leucomalloides</i> and <i>Cordia curassavica</i> from the Northeast of Brazil. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 1027-1030.	0.6	42
11	Analgesic and anti-inflammatory activities of a fraction rich in oncocalyxone A isolated from <i>Auxemma oncocalyx</i> . <i>Phytomedicine</i> , 2004, 11, 315-322.	2.3	40
12	Evaluation of a co-product of biodiesel production as carbon source in the production of biosurfactant by <i>P. aeruginosa</i> MSIC02. <i>Process Biochemistry</i> , 2011, 46, 1831-1839.	1.8	39
13	Leaf essential oils of four <i>Piper</i> species from the State of Ceará - Northeast of Brazil. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 1378-1381.	0.6	37
14	Trypanocidal activity of a new pterocarpan and other secondary metabolites of plants from Northeastern Brazil flora. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 1676-1682.	1.4	35
15	Cytotoxic Epimeric Withaphysalins from Leaves of <i>Acnistus arborescens</i> . <i>Planta Medica</i> , 2004, 70, 551-555.	0.7	26
16	Cytotoxic Withaphysalins from the Leaves of <i>Acnistus arborescens</i> . <i>Journal of Natural Products</i> , 2004, 67, 710-713.	1.5	25
17	Antibacterial activity of the essential oil from <i>Lippia aff. gracillis</i> . <i>Fá-toterapã-ãç</i> , 2005, 76, 712-714.	1.1	25
18	Magnetic Nanosystem for Cancer Therapy Using Oncocalyxone A, an Antitumour Secondary Metabolite Isolated from a Brazilian Plant. <i>International Journal of Molecular Sciences</i> , 2013, 14, 18269-18283.	1.8	25

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19	Oxidative stress induction by (+)-cordiaquinone J triggers both mitochondria-dependent apoptosis and necrosis in leukemia cells. <i>Chemico-Biological Interactions</i> , 2010, 183, 369-379.	1.7	24
20	Nematicidal and larvicidal activities of the essential oils from aerial parts of <i>Pectis oligocephala</i> and <i>Pectis apodocephala</i> Baker. <i>Anais Da Academia Brasileira De Ciencias</i> , 2007, 79, 209-213.	0.3	22
21	Glicoalcaloides antifúngicos, flavonoides e outros constituintes químicos de <i>Solanum asperum</i> . <i>Quimica Nova</i> , 2011, 34, 284-288.	0.3	22
22	Biomedical properties and potentiality of <i>Lippia microphylla</i> Cham. and its essential oils. <i>Journal of Intercultural Ethnopharmacology</i> , 2015, 4, 256.	0.9	22
23	Cytotoxic Plakortides from the Brazilian Marine Sponge <i>Plakortis angulospiculatus</i> . <i>Journal of Natural Products</i> , 2015, 78, 996-1004.	1.5	22
24	Metabólitos secundários de <i>Protium heptaphyllum</i> March. <i>Quimica Nova</i> , 2002, 25, 1078-1080.	0.3	20
25	Antioxidant Effects in the Quinone Fraction from <i>Auxemma oncocalyx</i> TAUB.. <i>Biological and Pharmaceutical Bulletin</i> , 2003, 26, 595-599.	0.6	20
26	Composition and antimicrobial activity of the essential oil from aerial parts of <i>Baccharis trinervis</i> (Lam.) Pers. <i>Arquivoc</i> , 2004, 2004, 59-65.	0.3	20
27	Chemical composition of the essential oil from <i>Vernonia scorpioides</i> (Asteraceae). <i>Flavour and Fragrance Journal</i> , 2007, 22, 249-250.	1.2	20
28	Guanidine Alkaloids from <i>Monanchora arbuscula</i> : Chemistry and Antitumor Potential. <i>Chemistry and Biodiversity</i> , 2011, 8, 1433-1445.	1.0	20
29	Chromomycin A2 Induces Autophagy in Melanoma Cells. <i>Marine Drugs</i> , 2014, 12, 5839-5855.	2.2	20
30	NMR spectral assignments of a new [C ₁₅ O ₁₅ C] isoflavone dimer from <i>Andira surinamensis</i> . <i>Magnetic Resonance in Chemistry</i> , 2008, 46, 103-106.	1.1	19
31	Óleos essenciais das folhas de <i>Vernonia Remotiflora</i> e <i>Vernonia Brasiliana</i> : composição química e atividade biológica. <i>Quimica Nova</i> , 2010, 33, 584-586.	0.3	19
32	Antiophidic Solanidane Steroidal Alkaloids from <i>Solanum campaniforme</i> . <i>Journal of Natural Products</i> , 2011, 74, 2168-2173.	1.5	19
33	Study of molecular structure, vibrational, electronic and NMR spectra of oncocalyxone A using DFT and quantum chemical calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 113, 367-377.	2.0	19
34	Pro-apoptotic activity of lipidic β -amino acids isolated from <i>Protopolythoa variabilis</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 7997-8004.	1.4	18
35	Selective cytotoxicity of withaphysalins in myeloid leukemia cell lines versus peripheral blood mononuclear cells. <i>Life Sciences</i> , 2006, 79, 1692-1701.	2.0	17
36	Solanidane and iminosolanidane alkaloids from <i>Solanum campaniforme</i> . <i>Phytochemistry</i> , 2013, 96, 457-464.	1.4	17

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37	Withanolides from leaves of cultivated <i>Acnistus arborescens</i> . <i>Phytochemistry</i> , 2016, 130, 321-327.	1.4	17
38	In vitro antitumor effect of a lignan isolated from <i>Combretum fruticosum</i> , trachelogenin, in HCT-116 human colon cancer cells. <i>Toxicology in Vitro</i> , 2018, 47, 129-136.	1.1	17
39	Sesquiterpenes and a Phenylpropanoid from <i>Cordia trichotoma</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2004, 59, 19-22.	0.6	16
40	¹ H and ¹³ C NMR spectral assignments of four dammarane triterpenoids from carnauba wax. <i>Magnetic Resonance in Chemistry</i> , 2006, 44, 641-643.	1.1	16
41	Oncocalyxone A inhibits human platelet aggregation by increasing cGMP and by binding to GP I _b ± glycoprotein. <i>British Journal of Pharmacology</i> , 2008, 154, 1216-1224.	2.7	16
42	Chemical profiling of two congeneric sea mat corals along the Brazilian coast: adaptive and functional patterns. <i>Chemical Communications</i> , 2018, 54, 1952-1955.	2.2	16
43	Natural antioxidants in the vitrification solution improve the ovine ovarian tissue preservation. <i>Reproductive Biology</i> , 2019, 19, 270-278.	0.9	16
44	Toxicity to sea urchin egg development of the quinone fraction obtained from <i>Auxemma oncocalyx</i> . <i>Brazilian Journal of Medical and Biological Research</i> , 2002, 35, 927-930.	0.7	15
45	Antibacterial Salinaphthoquinones from a Strain of the Bacterium <i>Salinispora arenicola</i> Recovered from the Marine Sediments of St. Peter and St. Paul Archipelago, Brazil. <i>Journal of Natural Products</i> , 2019, 82, 1831-1838.	1.5	15
46	Constituintes químicos voláteis e não-voláteis de <i>Cochlospermum vitifolium</i> (Willdenow) Sprengel. <i>Quimica Nova</i> , 2005, 28, 57-60.	0.3	14
47	Starch-based magnetic nanocomposite for targeted delivery of hydrophilic bioactives as anticancer strategy. <i>Carbohydrate Polymers</i> , 2021, 264, 118017.	5.1	14
48	Cytotoxic cordiaquinones from the roots of <i>Cordia polycephala</i> . <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1558-1562.	0.6	13
49	Survivin modulation in the antimelanoma activity of prodiginines. <i>European Journal of Pharmacology</i> , 2020, 888, 173465.	1.7	13
50	Chemical constituents of <i>Cordia piauiensis</i> : Boraginaceae. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 662-665.	0.6	13
51	Cytotoxicity of actinomycetes associated with the ascidian <i>Eudistoma vancouveri</i> (Millar, 1977), endemic of northeastern coast of Brazil. <i>Latin American Journal of Aquatic Research</i> , 2017, 41, 335-343.	0.2	12
52	Studies on the Cytotoxicity of Miscellaneous Compounds from <i>Eupatorium betonicaeforme</i> (D.C.) Baker (Asteraceae). <i>Chemistry and Biodiversity</i> , 2007, 4, 2835-2844.	1.0	11
53	Cytotoxic lipidic ±-amino acids from the zoanthid <i>Protopalythoa variabilis</i> from the Northeastern coast of Brazil. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 1455-1459.	0.6	11
54	Flavonoides e sesquiterpenos de <i>Croton pedicellatus</i> Kunth. <i>Quimica Nova</i> , 2012, 35, 2169-2172.	0.3	11

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55	Cytotoxicity of derivatives of oncocalyxone A from <i>Auxemma oncocalyx</i> Taub. <i>Arkivoc</i> , 2004, 2004, 89-94.	0.3	11
56	Antioxidant, ichthyotoxicity and brine shrimp lethality tests of <i>Magonia glabrata</i> . <i>FÁ-toterapÃ-Ãç</i> , 2006, 77, 443-445.	1.1	10
57	ComposiÃ§Ã£o quÃmica e atividade biolÃ³gica das folhas e frutos de <i>Triphasia trifolia</i> . <i>Quimica Nova</i> , 2008, 31, 53-58.	0.3	10
58	Supplementation of in vitro culture medium with FSH to grow follicles and mature oocytes can be replaced by extracts of <i>Justicia insularis</i> . <i>PLoS ONE</i> , 2018, 13, e0208760.	1.1	10
59	4-Hydroxy-pyran-2-one and 3-hydroxy-N-methyl-2-oxindole derivatives of <i>Salinispora arenicola</i> from Brazilian marine sediments. <i>FÁ-toterapÃ-Ãç</i> , 2019, 138, 104357.	1.1	10
60	Potent Cytotoxic Analogs of Amphidinolides from the Atlantic Octocoral <i>Stragulum bicolor</i> . <i>Marine Drugs</i> , 2019, 17, 58.	2.2	10
61	Antimicrobial and antibiofilm activity of the benzoquinone oncocalyxone A. <i>Microbial Pathogenesis</i> , 2020, 149, 104513.	1.3	10
62	Complete ¹ H and ¹³ C NMR assignments for two new monodesmoside saponins from <i>Pentaclethra macroloba</i> (Willd.) Kuntze. <i>Magnetic Resonance in Chemistry</i> , 2004, 42, 695-699.	1.1	9
63	Chemical Composition and Larvicidal Activity of the Essential Oil From Leaves of <i>Cordia globosa</i> (Jacq.) H.B.K. from Northeastern Brazil. <i>Journal of Essential Oil Research</i> , 2006, 18, 253-255.	1.3	9
64	Antimicrobial and Antioxidant Activities of the Essential Oil of Resin of <i>Protium heptaphyllum</i> . <i>Natural Product Communications</i> , 2006, 1, 1934578X0600100.	0.2	9
65	Constituintes quÃmicos de <i>Vernonia chalybaea</i> Mart.. <i>Quimica Nova</i> , 2008, 31, 1691-1695.	0.3	9
66	Antibacterial and Antioxidant Activities of Derriobtusone A Isolated from <i>Lonchocarpus obtusus</i> . <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	9
67	Cellular and biochemical antileukemic mechanisms of the meroterpenoid Oncocalyxone A. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2021, 84, 95-111.	1.1	9
68	Neuroinhibitory meroterpenoid compounds from <i>Cordia oncocalyx</i> . <i>FÁ-toterapÃ-Ãç</i> , 2017, 123, 65-72.	1.1	9
69	Structure elucidation and total assignment of ¹ H and ¹³ C NMR data for a new bisdesmoside saponin from <i>Cordia piuihiensis</i> . <i>Magnetic Resonance in Chemistry</i> , 2003, 41, 735-738.	1.1	8
70	¹ H and ¹³ C NMR assignments of new methoxylated furanoflavonoids from <i>Lonchocarpus araripensis</i> . <i>Magnetic Resonance in Chemistry</i> , 2009, 47, 165-168.	1.1	8
71	¹ H and ¹³ C NMR assignments for two new cordiaquinones from roots of <i>Cordia leucocephala</i> . <i>Magnetic Resonance in Chemistry</i> , 2009, 47, 190-193.	1.1	8
72	Gastroprotective effect of a flavone from <i>Lonchocarpus araripensis</i> Benth. (Leguminosae) and the possible mechanism. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 60, 391-397.	1.2	8

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73	New ceramides from <i>acnistus arborescens</i> . <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 867-871.	0.6	8
74	Furanoflavones and other chemical constituents of <i>Lonchocarpus obtusos</i> . <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 301-305.	0.6	8
75	Isolation of Chamigrene Sesquiterpenes and Absolute Configuration of Isoobtusadiene from the Brittle Star <i>Ophionereis reticulata</i> . <i>Journal of Natural Products</i> , 2017, 80, 3049-3053.	1.5	8
76	¹ H and ¹³ C NMR spectral data of new saponins from <i>Cordia piauhiensis</i> . <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 692-694.	1.1	7
77	Chemical Composition of the Leaf Essential Oil of <i>Cordia leucocephala</i> Moric from Northeast of Brazil. <i>Journal of Essential Oil Research</i> , 2008, 20, 495-496.	1.3	7
78	Essential Oil Composition From Leaves and Fruits of <i>Piper divaricatum</i> G. Mey.. <i>Journal of Essential Oil Research</i> , 2009, 21, 228-230.	1.3	7
79	Amphidinolide P from the Brazilian octocoral <i>Stragulum bicolor</i> . <i>Revista Brasileira De Farmacognosia</i> , 2015, 25, 600-604.	0.6	7
80	Anxiolytic-like effect of brominated compounds from the marine sponge <i>Aplysina fulva</i> on adult zebrafish (<i>Danio rerio</i>): Involvement of the GABAergic system. <i>Neurochemistry International</i> , 2021, 146, 105021.	1.9	7
81	Volatile constituents of <i>Cordia trichotoma</i> Vell. from the northeast of Brazil. <i>Flavour and Fragrance Journal</i> , 2005, 20, 149-151.	1.2	6
82	Characterization of two minor saponins from <i>Cordia piauhiensis</i> by ¹ H and ¹³ C NMR spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 2005, 43, 494-496.	1.1	6
83	Terpenoids, flavonoids and other constituents of <i>Eupatorium betonicaeforme</i> (Asteraceae). <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 68-72.	0.6	6
84	Essential oil composition of <i>Verbesina diversifolia</i> DC. <i>Flavour and Fragrance Journal</i> , 2006, 21, 634-636.	1.2	6
85	Composição química volátil e não-volátil de <i>Eupatorium ballotifolium</i> Kunth, Asteraceae. <i>Revista Brasileira De Farmacognosia</i> , 2010, 20, 615-620.	0.6	6
86	Toxicity effect of <i>Auxemma oncocalyx</i> fraction and its active principle oncocalyxone A on in vitro culture of caprine secondary follicles and in vitro oocyte maturation. <i>Semina: Ciências Agrárias</i> , 2017, 38, 1361.	0.1	6
87	Composition and biological activities of <i>Lippia aff. gracilis</i> essential oil. <i>Chemistry of Natural Compounds</i> , 2008, 44, 254-256.	0.2	5
88	Constituintes químicos de <i>Vernonia scorpioides</i> (Lam) Pers. (Asteraceae). <i>Química Nova</i> , 2013, 36, 540-543.	0.3	5
89	Cytotoxic Alkaloids from <i>Hippeastrum solandriiflorum</i> Lindl.. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	4
90	Anti-inflammatory diterpenoids from the Brazilian alga <i>Dictyota menstrualis</i> . <i>Algal Research</i> , 2019, 44, 101695.	2.4	4

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91	Chemical Composition of the Essential Oils of <i>Raphiodon echinus</i> (Nees & Mart.) Schauer. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2009, 12, 674-677.	0.7	3
92	Further Withaphysalin Derivatives from <i>Acnistus arborescens</i> . <i>Helvetica Chimica Acta</i> , 2012, 95, 1387-1394.	1.0	3
93	Structure elucidation and NMR assignments of new spirosolane alkaloids from <i>Solanum campaniforme</i> . <i>Magnetic Resonance in Chemistry</i> , 2012, 50, 74-78.	1.1	3
94	Miscellaneous Diterpenes from the Aerial Parts of <i>Plectranthus ornatus</i> Codd. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	3
95	Dextrorotatory Chromomycins from the Marine <i>Streptomyces</i> sp. Associated to <i>Palythoa caribaeorum</i> . <i>Journal of the Brazilian Chemical Society</i> , 2020, , .	0.6	3
96	Development and Validation of a UPLC-ESI-MS Method for Quantitation of the Anti-Alzheimer Drug Galantamine and other Amaryllidaceae Alkaloids in Plants. <i>Journal of the Brazilian Chemical Society</i> , 2020, , .	0.6	3
97	Chemical Composition and Antibacterial Activity of the Essential Oils of <i>Blainvillea Rhomboidea</i> (Asteraceae). <i>Natural Product Communications</i> , 2006, 1, 1934578X0600100.	0.2	2
98	Volatile composition of <i>Eupatorium pauciflorum</i> H. B. K. (Asteraceae). <i>Flavour and Fragrance Journal</i> , 2006, 21, 92-94.	1.2	2
99	Constituents of the Essential Oil of <i>Capraria biflora</i> from Northeast Brazil. <i>Journal of Essential Oil Research</i> , 2006, 18, 158-159.	1.3	2
100	Flavonoides de <i>Lonchocarpus campestris</i> (Leguminosae). <i>Quimica Nova</i> , 2011, 34, 268-271.	0.3	2
101	New Antiproliferative Polyunsaturated Epoxy-Heneicosane Derivatives Isolated from the Brown Alga <i>Lobophora variegata</i> . <i>Journal of the Brazilian Chemical Society</i> , 2018, , .	0.6	2
102	Validation of an HPLC-UV Method for Quantifying Oncocalyxone A in Different Media and Nanocapsules. <i>Chromatographia</i> , 2019, 82, 809-818.	0.7	2
103	Anti-Inflammatory Meroterpenoids of <i>Cordia glazioviana</i> (Boraginaceae). <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	2
104	Biological properties of Oncocalyxone A: a review. <i>Research, Society and Development</i> , 2021, 10, e57810414343.	0.0	2
105	Acylated manoyl oxide diterpenes of <i>Stemodia trifoliata</i> . <i>Magnetic Resonance in Chemistry</i> , 2010, 48, 486-489.	1.1	1
106	Complete ¹ H and ¹³ C NMR assignments of an uncommon 2,3-dihydroxynaphthoquinone isolated from <i>Cordia multispicata</i> (Cham.). <i>Magnetic Resonance in Chemistry</i> , 2017, 55, 682-685.	1.1	1
107	Withanolides from Leaves of <i>Nicandra physalodes</i> . <i>Journal of the Brazilian Chemical Society</i> , 2017, , .	0.6	1
108	Early ovine preantral follicles have a potential to grow until antral stage in two-step culture system in the presence of aqueous extract of <i>Justicia insularis</i> . <i>Reproduction in Domestic Animals</i> , 2019, 54, 1121-1130.	0.6	1

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109	Toxicidade oral aguda e avaliação dos efeitos pressóricos e renais causados pela oncocalyxona A. Revista Fitos, 2021, 15, 93-107.	0.0	1
110	Meroterpenoid Hydroquinones from Cordia globosa. Journal of the Brazilian Chemical Society, 2015, , .	0.6	1
111	Blainvillea rhomboidea: constituintes químicos e atividade citotóxica. Química Nova, 2010, 33, 1122-1125.	0.3	0
112	Pharmacological and toxicological studies on anticancer properties of piplartine. Planta Medica, 2008, 74, .	0.7	0