

Rene O Beleboni

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,593
citations

279798

23
h-index

315739

38
g-index

60
all docs

60
docs citations

60
times ranked

2072
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochemical and functional characterization of an l-amino acid oxidase isolated from <i>Bothrops pirajai</i> snake venom. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 7034-7043.	3.0	118
2	Snake Venom Phospholipase A2 Inhibitors: Medicinal Chemistry and Therapeutic Potential. <i>Current Topics in Medicinal Chemistry</i> , 2007, 7, 743-756.	2.1	87
3	In vitro anthelmintic activity of aqueous leaf extract of <i>Annona muricata</i> L. (Annonaceae) against <i>Haemonchus contortus</i> from sheep. <i>Experimental Parasitology</i> , 2013, 134, 327-332.	1.2	87
4	Enhancing Glutamate Transport: Mechanism of Action of Parawixin1, a Neuroprotective Compound from <i>Parawixia bistriata</i> Spider Venom. <i>Molecular Pharmacology</i> , 2007, 72, 1228-1237.	2.3	83
5	Cytotoxicity of trans-chalcone and licochalcone A against breast cancer cells is due to apoptosis induction and cell cycle arrest. <i>Biomedicine and Pharmacotherapy</i> , 2017, 85, 425-433.	5.6	76
6	<i>Thymus vulgaris</i> L. essential oil and its main component thymol: Anthelmintic effects against <i>Haemonchus contortus</i> from sheep. <i>Veterinary Parasitology</i> , 2016, 228, 70-76.	1.8	74
7	Purification of a neuroprotective component of <i>Parawixia bistriata</i> spider venom that enhances glutamate uptake. <i>British Journal of Pharmacology</i> , 2003, 139, 1297-1309.	5.4	70
8	Pharmacological and Biochemical Aspects of GABAergic Neurotransmission: Pathological and Neuropsychobiological Relationships. <i>Cellular and Molecular Neurobiology</i> , 2004, 24, 707-728.	3.3	66
9	Convulsant activity and neurochemical alterations induced by a fraction obtained from fruit (Oxalidaceae: Geraniales). <i>Neurochemistry International</i> , 2005, 46, 523-531.	3.8	59
10	Antidermatophytic and antileishmanial activities of essential oils from <i>Lippia gracilis</i> Schauer genotypes. <i>Acta Tropica</i> , 2013, 128, 110-115.	2.0	55
11	Spider and wasp neurotoxins: pharmacological and biochemical aspects. <i>European Journal of Pharmacology</i> , 2004, 493, 1-17.	3.5	54
12	Trans-chalcone and quercetin down-regulate fatty acid synthase gene expression and reduce ergosterol content in the human pathogenic dermatophyte <i>Trichophyton rubrum</i> . <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 229.	3.7	54
13	Typical Monoterpenes as Insecticides and Repellents against Stored Grain Pests. <i>Molecules</i> , 2016, 21, 258.	3.8	52
14	Anticonvulsant profile of the alkaloids (+)-erythravine and (+)-11- β -hydroxy-erythravine isolated from the flowers of <i>Erythrina mulungu</i> Mart ex Benth (Leguminosae/Papilionaceae). <i>Epilepsy and Behavior</i> , 2011, 20, 441-446.	1.7	48
15	Dual RNA-Seq Analysis of <i>Trichophyton rubrum</i> and HaCat Keratinocyte Co-Culture Highlights Important Genes for Fungal-Host Interaction. <i>Genes</i> , 2018, 9, 362.	2.4	38
16	Transcription profile of <i>Trichophyton rubrum</i> conidia grown on keratin reveals the induction of an adhesin-like protein gene with a tandem repeat pattern. <i>BMC Genomics</i> , 2016, 17, 249.	2.8	36
17	Erysothrine, an alkaloid extracted from flowers of <i>Erythrina mulungu</i> Mart. ex Benth: Evaluating its anticonvulsant and anxiolytic potential. <i>Epilepsy and Behavior</i> , 2012, 23, 205-212.	1.7	34
18	Neurochemical Characterization of a Neuroprotective Compound from <i>Parawixia bistriata</i> Spider Venom That Inhibits Synaptosomal Uptake of GABA and Glycine. <i>Molecular Pharmacology</i> , 2006, 69, 1998-2006.	2.3	29

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19	Anticonvulsant and GABA Uptake Inhibition Properties of Venom Fractions from the Spiders <i>Parawixia bistriata</i> and <i>Scaptocosa raptoria</i> . <i>Pharmaceutical Biology</i> , 2002, 40, 472-477.	2.9	28
20	Cytotoxicity and genotoxicity of coronaridine from <i>Tabernaemontana catharinensis</i> A.DC in a human laryngeal epithelial carcinoma cell line (Hep-2). <i>Genetics and Molecular Biology</i> , 2013, 36, 105-110.	1.3	27
21	Gene Expression Response of <i>Trichophyton rubrum</i> during Coculture on Keratinocytes Exposed to Antifungal Agents. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-7.	1.2	27
22	Anticonvulsant and anxiolytic activity of FrPbAll, a novel GABA uptake inhibitor isolated from the venom of the social spider <i>Parawixia bistriata</i> (Araneidae: Araneae). <i>Brain Research</i> , 2006, 1124, 19-27.	2.2	26
23	Caffeic acid and licochalcone A interfere with the glyoxylate cycle of <i>Trichophyton rubrum</i> . <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 1389-1394.	5.6	24
24	Parawixin2, a novel non-selective GABA uptake inhibitor from <i>Parawixia bistriata</i> spider venom, inhibits pentylenetetrazole-induced chemical kindling in rats. <i>Neuroscience Letters</i> , 2013, 543, 12-16.	2.1	22
25	Anxiety: A Systematic Review of Neurobiology, Traditional Pharmaceuticals and Novel Alternatives from Medicinal Plants. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 150-165.	1.4	22
26	Neurobiological activity of Parawixin 10, a novel anticonvulsant compound isolated from <i>Parawixia bistriata</i> spider venom (Araneidae: Araneae). <i>Epilepsy and Behavior</i> , 2011, 22, 158-164.	1.7	21
27	Essential oils of <i>Citrus aurantifolia</i> , <i>Anthemis nobile</i> and <i>Lavandula officinalis</i> : in vitro anthelmintic activities against <i>Haemonchus contortus</i> . <i>Parasites and Vectors</i> , 2018, 11, 269.	2.5	21
28	Characterization of the actions of AvTx 7 isolated from <i>Agelaia vicina</i> (Hymenoptera: Vespidae) wasp venom on synaptosomal glutamate uptake and release. <i>Journal of Biochemical and Molecular Toxicology</i> , 2004, 18, 61-68.	3.0	20
29	Neuropharmacological profile of FrPbAll, purified from the venom of the social spider <i>Parawixia bistriata</i> (Araneae, Araneidae), in Wistar rats. <i>Life Sciences</i> , 2007, 80, 566-572.	4.3	20
30	Antinociceptive and anti-inflammatory activities of <i>Tabernaemontana catharinensis</i> . <i>Pharmaceutical Biology</i> , 2009, 47, 372-376.	2.9	16
31	The role of polar phytocomplexes on anticonvulsant effects of leaf extracts of <i>Lippia alba</i> (Mill.) N.E. Brown chemotypes. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 933-939.	2.4	16
32	Vitexin Possesses Anticonvulsant and Anxiolytic-Like Effects in Murine Animal Models. <i>Frontiers in Pharmacology</i> , 2020, 11, 1181.	3.5	15
33	The relevance and recognition of Latin American science. Introduction to the fourth issue of CBP-Latin America. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 146, 1-9.	2.6	13
34	In Vitro Action of Flavonoids in the Canine Malignant Histiocytic Cell Line DH82. <i>Molecules</i> , 2013, 18, 15448-15463.	3.8	13
35	Behavioral effects of bicuculline microinjection in the dorsal versus ventral hippocampal formation of rats, and control of seizures by nigral muscimol. <i>Epilepsy Research</i> , 2004, 58, 155-165.	1.6	12
36	In vitro nematocidal effects of medicinal plants from São Paulo state, Brazil. <i>Pharmaceutical Biology</i> , 2009, 47, 230-235.	2.9	12

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37	The epimer of kaurenoic acid from <i>Croton antisiphiliticus</i> is cytotoxic toward B-16 and HeLa tumor cells through apoptosis induction. <i>Genetics and Molecular Research</i> , 2013, 12, 1005-1011.	0.2	12
38	The role of polar phytocomplexes on anticonvulsant effects of leaf extracts of <i>Lippia alba</i> (Mill.) N.E. Brown chemotypes. <i>Journal of Pharmacy and Pharmacology</i> , 2009, 61, 933-939.	2.4	12
39	The Transcriptional Profile of <i>Trichophyton rubrum</i> Co-Cultured with Human Keratinocytes Shows New Insights about Gene Modulation by Terbinafine. <i>Pathogens</i> , 2019, 8, 274.	2.8	11
40	Cellular and Molecular Response of Macrophages THP-1 during Co-Culture with Inactive <i>Trichophyton rubrum</i> Conidia. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 363.	3.5	11
41	The cost of Latin American science. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 146, 463-469.	1.8	9
42	Antifungal Activity of Metabolites from the Marine Sponges <i>Amphimedon</i> sp. and <i>Monanchora arbuscula</i> against <i>Aspergillus flavus</i> Strains Isolated from Peanuts (<i>Arachis hypogaea</i>). <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	9
43	Trans-chalcone activity against <i>Trichophyton rubrum</i> relies on an interplay between signaling pathways related to cell wall integrity and fatty acid metabolism. <i>BMC Genomics</i> , 2019, 20, 411.	2.8	9
44	Anti-inflammatory and anti-nociceptive effects of <i>Zeyheria montana</i> (Bignoniaceae) ethanol extract. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2008, 103, 768-772.	1.6	8
45	Parawixin2 Protects Hippocampal Cells in Experimental Temporal Lobe Epilepsy. <i>Toxins</i> , 2018, 10, 486.	3.4	7
46	Perceptions of Latin American scientists about science and post-graduate education: Introduction to the 5th issue of CBP-Latin America. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2008, 151, 263-271.	1.8	5
47	Isolation of flavonoids from <i>Anemopaegma arvense</i> (Vell) Steff. ex de Souza and their antifungal activity against <i>Trichophyton rubrum</i> . <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2013, 49, 559-565.	1.2	5
48	Nematocidal effects of natural phyto regulators jasmonic acid and methyl-jasmonate against <i>Pratylenchus zeae</i> and <i>Helicotylenchus</i> spp. <i>Natural Product Research</i> , 2013, 27, 1041-1048.	1.8	4
49	Isolation and chemical characterization of agelaiatoxin8 (AvTx8) from <i>Agelais vicina</i> wasp venom and its biological effects on GABA neurotransmission. <i>Journal of Biochemical and Molecular Toxicology</i> , 2017, 31, e21941.	3.0	4
50	Neuroprotective effects and improvement of learning and memory elicited by erythravine and 11 β -hydroxy-erythravine against the pilocarpine model of epilepsy. <i>Life Sciences</i> , 2020, 240, 117072.	4.3	4
51	Insecticidal and repellent activity of typical monoterpenes from plant essential oils against <i>Callosobruchus maculatus</i> (Fabr. 1775). <i>BMC Proceedings</i> , 2014, 8, .	1.6	3
52	New insights in the mode of action of (+)-erythravine and (+)-11 β -hydroxy-erythravine alkaloids. <i>European Journal of Pharmacology</i> , 2020, 885, 173390.	3.5	3
53	The molecular and analytical methods reveal aflatoxin B1-producing <i>Aspergillus flavus</i> isolated from ready-to-eat peanut samples are resistant to the antifungal agent methyl-thiophanate. <i>SDRP Journal of Food Science & Technology</i> , 2020, 5, 1-7.	0.2	1
54	Pharmacological characterisation of anticonvulsant effects elicited by erythartine. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 93-97.	2.4	1

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55	Genetic variability among natural populations of <i>Zaprionus indianus</i> (Drosophilidae) in the States of São Paulo and Minas Gerais, Brazil. <i>Genetics and Molecular Research</i> , 2010, 9, 1504-1512.	0.2	0
56	Vacina – direitos e responsabilidades. <i>Physis</i> , 2021, 31, .	0.3	0
57	Antidepressant activity of Riparin A in murine model. <i>Behavioural Pharmacology</i> , 2021, 32, 599-606.	1.7	0
58	EDITORIAL: The Commemorative Issue “Unraveling Animal Welfare” on the Tenth Anniversary of the Annual Review of Biomedical Sciences . <i>Annual Review of Biomedical Sciences</i> , 2008, 10, .	0.5	0
59	Beyond COVID-19 Vaccination: Global Human Unity and Ensuing Economic Alliances. <i>Frontiers in Public Health</i> , 2021, 9, 769764.	2.7	0