

Marcos AndrÃ© Vannier-Santos

List of Publications by Year in descending order

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80
papers

3,938
citations

156536

32
h-index

145109

60
g-index

81
all docs

81
docs citations

81
times ranked

5566
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	4.3	10
2	<i>Rattus norvegicus</i> as a model for persistent renal colonization by pathogenic <i>Leptospira interrogans</i> . <i>Acta Tropica</i> , 2008, 105, 176-180.	0.9	125
3	Cell Biology of <i>Leishmania</i> spp.: Invading and Evading. <i>Current Pharmaceutical Design</i> , 2002, 8, 297-318.	0.9	120
4	Identification, characterization and localization of chagasin, a tight-binding cysteine protease inhibitor in <i>Trypanosoma cruzi</i> . <i>Journal of Cell Science</i> , 2001, 114, 3933-3942.	1.2	114
5	Structural and morphological characterization of hemozoin produced by <i>Schistosoma mansoni</i> and <i>Rhodnius prolixus</i> . <i>FEBS Letters</i> , 2005, 579, 6010-6016.	1.3	112
6	A Mg-Dependent Ecto-ATPase in <i>Leishmania amazonensis</i> and Its Possible Role in Adenosine Acquisition and Virulence. <i>Archives of Biochemistry and Biophysics</i> , 2001, 391, 16-24.	1.4	107
7	Design, synthesis, SAR, and biological evaluation of new 4-(phenylamino)thieno[2,3-b]pyridine derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 5765-5770.	1.4	92
8	Alterations Induced by the Antifungal Compounds Ketoconazole and Terbinafine in <i>Leishmania</i> . <i>Journal of Eukaryotic Microbiology</i> , 1995, 42, 337-346.	0.8	84
9	A new approach to assess function after sciatic nerve lesion in the mouse "Adaptation of the sciatic static index. <i>Journal of Neuroscience Methods</i> , 2007, 161, 259-264.	1.3	83
10	<i>Leishmania amazonensis</i> : Biological and biochemical characterization of ecto-nucleoside triphosphate diphosphohydrolase activities. <i>Experimental Parasitology</i> , 2006, 114, 16-25.	0.5	77
11	Altered tyrosine phosphorylation of ERK1 MAP kinase and other macrophage molecules caused by <i>Leishmania amastigotes</i> . <i>Molecular and Biochemical Parasitology</i> , 1999, 102, 1-12.	0.5	75
12	Interference with Hemozoin Formation Represents an Important Mechanism of Schistosomicidal Action of Antimalarial Quinoline Methanols. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e477.	1.3	74
13	High- and low-frequency transcutaneous electrical nerve stimulation delay sciatic nerve regeneration after crush lesion in the mouse. <i>Journal of the Peripheral Nervous System</i> , 2008, 13, 71-80.	1.4	70
14	The biosynthesis, processing, and immunolocalization of <i>Leishmania pifanoi</i> amastigote cysteine proteinases. <i>Molecular and Biochemical Parasitology</i> , 1994, 68, 119-132.	0.5	69
15	Electron Microscopy in Antiparasitic Chemotherapy: A (Close) View to a Kill. <i>Current Drug Targets</i> , 2009, 10, 246-260.	1.0	65
16	Leishmanicidal activity of <i>Cecropia pachystachya</i> flavonoids: Arginase inhibition and altered mitochondrial DNA arrangement. <i>Phytochemistry</i> , 2013, 89, 71-77.	1.4	54
17	The putrescine analogue 1,4-diamino-2-butanone affects polyamine synthesis, transport, ultrastructure and intracellular survival in <i>Leishmania amazonensis</i> . <i>Microbiology (United Kingdom)</i> , 2008, 154, 3104-3111.	0.7	53
18	Effect of laser and LED phototherapies on the healing of cutaneous wound on healthy and iron-deficient Wistar rats and their impact on fibroblastic activity during wound healing. <i>Lasers in Medical Science</i> , 2013, 28, 799-806.	1.0	52

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19	Subverted transferrin trafficking in Leishmania- infected macrophages. Parasitology Research, 1998, 84, 811-822.	0.6	49
20	Extracellular lipid droplets promote hemozoin crystallization in the gut of the blood fluke <i>Schistosoma mansoni</i> . FEBS Letters, 2007, 581, 1742-1750.	1.3	48
21	Extracellular matrix components of the mouse thymus microenvironment. IV. Modulation of thymic nurse cells by extracellular matrix ligands and receptors. European Journal of Immunology, 1994, 24, 659-664.	1.6	47
22	Bone marrow-derived mesenchymal stem/stromal cells reverse the sensorial diabetic neuropathy via modulation of spinal neuroinflammatory cascades. Journal of Neuroinflammation, 2018, 15, 189.	3.1	47
23	<i>Leishmania amazonensis</i> : Characterization of an ecto-phosphatase activity. Experimental Parasitology, 2006, 114, 334-340.	0.5	42
24	Altered expression of cruzipain and a cathepsin B-like target in a <i>Trypanosoma cruzi</i> cell line displaying resistance to synthetic inhibitors of cysteine-proteinases. Molecular and Biochemical Parasitology, 2000, 109, 47-59.	0.5	41
25	Putrescine analogue cytotoxicity against <i>Trypanosoma cruzi</i> . Parasitology Research, 2006, 98, 99-105.	0.6	39
26	Effects of 4,4'-diisothiocyanatostilbene-2,2'-disulfonic acid on <i>Trypanosoma cruzi</i> proliferation and Ca ²⁺ homeostasis. International Journal of Biochemistry and Cell Biology, 2000, 32, 519-527.	1.2	37
27	Effects of a novel lapachone derivative on <i>Trypanosoma cruzi</i> : Parasite death involving apoptosis, autophagy and necrosis. International Journal for Parasitology: Drugs and Drug Resistance, 2016, 6, 207-219.	1.4	37
28	<i>Trichomonas vaginalis</i> virulence against epithelial cells and morphological variability: the comparison between a well-established strain and a fresh isolate. Parasitology Research, 2004, 93, 369-77.	0.6	36
29	Blood-Feeding Induces Reversible Functional Changes in Flight Muscle Mitochondria of <i>Aedes aegypti</i> Mosquito. PLoS ONE, 2009, 4, e7854.	1.1	36
30	Impairment of sterol biosynthesis leads to phosphorus and calcium accumulation in <i>Leishmania acidocalcisomes</i> . Microbiology (United Kingdom), 1999, 145, 3213-3220.	0.7	36
31	Synthesis of cinnamic acid derivatives and leishmanicidal activity against <i>Leishmania braziliensis</i> . European Journal of Medicinal Chemistry, 2019, 183, 111688.	2.6	35
32	Inhibition of Polyamine Synthesis Arrests Trichomonad Growth and Induces Destruction of Hydrogenosomes. Antimicrobial Agents and Chemotherapy, 1999, 43, 1919-1923.	1.4	35
33	Effect of <i>Trypanosoma cruzi</i> released antigens binding to non-infected cells on anti-parasite antibody recognition and expression of extracellular matrix components. Acta Tropica, 2002, 83, 103-115.	0.9	32
34	<i>Leishmania amazonensis</i> : Characterization of an ecto-3'-nucleotidase activity and its possible role in virulence. Experimental Parasitology, 2011, 129, 277-283.	0.5	32
35	Modulation of Human Immune Response by Fungal Biocontrol Agents. Frontiers in Microbiology, 2017, 8, 39.	1.5	32
36	Physalin F, a seco-steroid from <i>Physalis angulata</i> L., has immunosuppressive activity in peripheral blood mononuclear cells from patients with HTLV1-associated myelopathy. Biomedicine and Pharmacotherapy, 2016, 79, 129-134.	2.5	28

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37	Characterization of an ecto-phosphatase activity in the human parasite <i>Trichomonas vaginalis</i> . <i>Parasitology Research</i> , 2002, 88, 991-997.	0.6	27
38	Phagocytosis is inhibited by autophagic induction in murine macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 604-609.	1.0	25
39	The Parameters of Transcutaneous Electrical Nerve Stimulation Are Critical to Its Regenerative Effects When Applied Just after a Sciatic Crush Lesion in Mice. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	25
40	Cell structure and cytokinesis alterations in multidrug-resistant <i>Leishmania (Leishmania) amazonensis</i> . <i>Parasitology Research</i> , 2005, 95, 90-96.	0.6	22
41	Effects of metronidazole analogues on <i>Giardia lamblia</i> : experimental infection and cell organization. <i>Diagnostic Microbiology and Infectious Disease</i> , 2013, 75, 160-164.	0.8	22
42	Cytochemical techniques and energy-filtering transmission electron microscopy applied to the study of parasitic protozoa. <i>Biological Procedures Online</i> , 2001, 3, 8-18.	1.4	20
43	Heme crystallization in the midgut of triatomine insects. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 146, 168-174.	1.3	20
44	Synthesis and Structural Studies of 4-Thioxopyrimidines with Antimicrobial Activities. <i>Monatshefte für Chemie</i> , 2007, 138, 111-119.	0.9	19
45	Parasites or Cohabitants: Cruel Omnipresent Usurpers or Creative "Miner" Grises? <i>Journal of Parasitology Research</i> , 2011, 2011, 1-19.	0.5	19
46	The Effectiveness of Natural Diarylheptanoids against <i>Trypanosoma cruzi</i> : Cytotoxicity, Ultrastructural Alterations and Molecular Modeling Studies. <i>PLoS ONE</i> , 2016, 11, e0162926.	1.1	18
47	PEMF fails to enhance nerve regeneration after sciatic nerve crush lesion. <i>Journal of the Peripheral Nervous System</i> , 2009, 14, 285-293.	1.4	17
48	In vivo antimalarial extracts and constituents of <i>Prosopis juliflora</i> (Fabaceae). <i>Journal of Functional Foods</i> , 2018, 44, 74-78.	1.6	16
49	<i>Cyperus articulatus</i> L. (Cyperaceae) Rhizome Essential Oil Causes Cell Cycle Arrest in the G2/M Phase and Cell Death in HepG2 Cells and Inhibits the Development of Tumors in a Xenograft Model. <i>Molecules</i> , 2020, 25, 2687.	1.7	14
50	Role of Polyamines in Parasite Cell Architecture and Function. <i>Current Pharmaceutical Design</i> , 2017, 23, 3342-3358.	0.9	11
51	Effects of a putrescine analog on <i>Giardia lamblia</i> . <i>Parasitology Research</i> , 2008, 103, 363-370.	0.6	10
52	Plantas medicinais com ação antiparasitária: conhecimento tradicional na etnia Kantarur, aldeia Baixa das Pedras, Bahia, Brasil. <i>Revista Brasileira De Plantas Mediciniais</i> , 2016, 18, 240-247.	0.3	10
53	Essential oil from leaves of <i>Conoclinium scoparioides</i> (Cham. & Schldl.) Benth. (Plantaginaceae) causes cell death in HepG2 cells and inhibits tumor development in a xenograft model. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110402.	2.5	10
54	Histone deacetylases inhibitors as new potential drugs against <i>Leishmania braziliensis</i> , the main causative agent of new world tegumentary leishmaniasis. <i>Biochemical Pharmacology</i> , 2020, 180, 114191.	2.0	9

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55	Modes of Action of Arjunolic Acid and Derivatives on Trypanosoma cruzi Cells. Current Topics in Medicinal Chemistry, 2014, 14, 1022-1032.	1.0	9
56	Nuclear and cytoplasmic lectin binding sites in promastigotes of Leishmania.. Journal of Histochemistry and Cytochemistry, 1991, 39, 793-800.	1.3	8
57	Cardiac effect induced by Crotalus durissus cascavella venom: Morphofunctional evidence and mechanism of action. Toxicology Letters, 2021, 337, 121-133.	0.4	7
58	Amentoflavone isolated from Selaginella sellowii Hieron induces mitochondrial dysfunction in Leishmania amazonensis promastigotes. Parasitology International, 2022, 86, 102458.	0.6	6
59	Optimization of Entamoeba histolytica culturing in vitro. Experimental Parasitology, 2012, 132, 561-565.	0.5	5
60	The biochemical characterization, stabilization studies and the antiproliferative effect of bromelain against B16F10 murine melanoma cells. International Journal of Food Sciences and Nutrition, 2017, 68, 442-454.	1.3	5
61	Transmission electron microscopy revealing the mechanism of action of photodynamic therapy on Trichomonas vaginalis. Acta Tropica, 2019, 190, 112-118.	0.9	5
62	Ethanol Extract of the Fungus Trichoderma asperelloides Induces Ultrastructural Effects and Death on Leishmania amazonensis. Frontiers in Cellular and Infection Microbiology, 2020, 10, 306.	1.8	5
63	Complete Amino Acid Sequence and Location of Omp-28, an Important Immunogenic Protein from Salmonella enterica serovar typhi. Protein Journal, 2004, 23, 71-77.	0.7	4
64	Antifungal mechanism of [RuIII(NH3)4catechol]+ complex on fluconazole-resistant Candida tropicalis. FEMS Microbiology Letters, 2017, 364, .	0.7	4
65	ANTIPARASITIC PLANTS USED BY THE KANTARURÃ‰-BATIDA INDIGENOUS COMMUNITY (NE-BRAZIL): ETHNOBOTANY AND LOCAL KNOWLEDGE-EROSION RISKS. Ambiente & Sociedade, 2018, 21, .	0.5	4
66	Cytochrome c Oxidase at Full Thrust: Regulation and Biological Consequences to Flying Insects. Cells, 2021, 10, 470.	1.8	4
67	Serum fibronectin promotes the Leishmania interaction with neutrophils and macrophages. Memorias Do Instituto Oswaldo Cruz, 1991, 86, 125-126.	0.8	4
68	Polymorphonuclear Leukocytes Present Laminin Peptides in Endocytic Compartments. Biochemical and Biophysical Research Communications, 1996, 221, 837-842.	1.0	3
69	SÃ¢ntese, caracterizaÃ§Ã£o e estudo da atividade inibitÃ³ria de novas dialquilfosforilarilidrazonas sobre o crescimento de tripanossomatÃ©deos. Quimica Nova, 2011, 34, 1365-1369.	0.3	2
70	Parasite, Compartments, and Molecules: Trick versus Treatment on Chagas Disease. , 2019, , .		2
71	Efficacy of the photodynamic antimicrobial therapy (PACT) with the use of methylene blue associated with the 660nm laser in Leishmania (Leishmania) amazonensis: in vitro study. Proceedings of SPIE, 2012, , .	0.8	1
72	Phenothiazinium dyes in association with diode red laser against B16F10 melanoma cells: in vitro study. , 2014, , .		1

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73	Leishmania-Host Interplay: The Everlasting Rivalry. Medicinal Chemistry Reviews Online, 2005, 2, 231-249.	0.1	0
74	In vitro influence of photodynamic antimicrobial chemotherapy on staphylococcus aureus by using phenothiazines derivatives associated with laser/LED light. , 2014, , .		0
75	Association phenothiazine and laser on growth of <i>C. tropicalis</i> fluconazole-resistant. Proceedings of SPIE, 2014, , .	0.8	0
76	Modulation of spontaneous proliferation of T-lymphocytes from HTLV-1- infected individuals by quinoline compounds. Retrovirology, 2014, 11, .	0.9	0
77	Evaluation of enamel by scanning electron microscopy green LED associated to hydrogen peroxide 35% for dental bleaching. Proceedings of SPIE, 2014, , .	0.8	0
78	Editorial: Parasite Polyamines. Current Pharmaceutical Design, 2017, 23, 3323-3324.	0.9	0
79	Plants and intestinal parasitosis: a review on ethnopharmacological use by the Kantarurã-Batida indigenous community of Brazil. Boletim Latinoamericano Y Del Caribe De Plantas Medicinales Y Aromaticas, 2022, 21, 268-308.	0.2	0
80	Translational Research on Chagas Disease: Focusing on Drug Combination and Repositioning. , 0, , .		0