

Gustavo Benaim

List of Publications by Year in descending order

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2,216
citations

201385

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74
docs citations

74
times ranked

2325
citing authors

#	ARTICLE	IF	CITATIONS
1	Amiodarone Has Intrinsic Anti-Trypanosomacruzi Activity and Acts Synergistically with Posaconazole. Journal of Medicinal Chemistry, 2006, 49, 892-899.	2.9	162
2	Venezuela's humanitarian crisis, resurgence of vector-borne diseases, and implications for spillover in the region. Lancet Infectious Diseases, The, 2019, 19, e149-e161.	4.6	138
3	Phosphorylation of calmodulin. FEBS Journal, 2002, 269, 3619-3631.	0.2	130
4	Na ⁺ entry via glutamate transporter activates the reverse Na ⁺ /Ca ²⁺ exchange and triggers -induced Ca ²⁺ release in rat cerebellar Type-1 astrocytes. Journal of Neurochemistry, 2007, 100, 1188-1202.	2.1	85
5	Mechanism of Action of Miltefosine on Leishmania donovani Involves the Impairment of Acidocalcine Function and the Activation of the Sphingosine-Dependent Plasma Membrane Ca ²⁺ Channel. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	80
6	Amiodarone Destabilizes Intracellular Ca ²⁺ Homeostasis and Biosynthesis of Sterols in <i>Leishmania mexicana</i> . Antimicrobial Agents and Chemotherapy, 2009, 53, 1403-1410.	1.4	63
7	Ca ²⁺ transport in isolated mitochondrial vesicles from Leishmania braziliensis promastigotes. Molecular and Biochemical Parasitology, 1990, 39, 61-68.	0.5	58
8	A calmodulin-activated (Ca ²⁺ -Mg ²⁺)-ATPase is involved in Ca ²⁺ transport by plasma membrane vesicles from <i>Trypanosoma cruzi</i> . Biochemical Journal, 1991, 280, 715-720.	1.7	58
9	The emerging role of amiodarone and dronedarone in Chagas disease. Nature Reviews Cardiology, 2012, 9, 605-609.	6.1	57
10	SQ109, a New Drug Lead for Chagas Disease. Antimicrobial Agents and Chemotherapy, 2015, 59, 1950-1961.	1.4	51
11	A calmodulin-stimulated Ca ²⁺ pump in plasma-membrane vesicles from <i>Trypanosoma brucei</i> ; selective inhibition by pentamidine. Biochemical Journal, 1993, 296, 759-763.	1.7	50
12	Amiodarone and Miltefosine Act Synergistically against <i>Leishmania mexicana</i> and Can Induce Parasitological Cure in a Murine Model of Cutaneous Leishmaniasis. Antimicrobial Agents and Chemotherapy, 2009, 53, 5108-5113.	1.4	49
13	The role of a H ⁺ -ATPase in the regulation of cytoplasmic pH in <i>Trypanosoma cruzi</i> epimastigotes. Biochemical Journal, 1996, 318, 103-109.	1.7	45
14	Disruption of Intracellular Calcium Homeostasis as a Therapeutic Target Against Trypanosoma cruzi. Frontiers in Cellular and Infection Microbiology, 2020, 10, 46.	1.8	44
15	Successful Treatment of Old World Cutaneous Leishmaniasis Caused by Leishmania infantum with Posaconazole. Antimicrobial Agents and Chemotherapy, 2011, 55, 1774-1776.	1.4	42
16	Targeting calcium homeostasis as the therapy of Chagas' disease and leishmaniasis - a review. Tropical Biomedicine, 2011, 28, 471-81.	0.2	42
17	Ceramide-1-P induces Ca ²⁺ mobilization in Jurkat T-cells by elevation of Ins(1,4,5)-P ₃ and activation of a store-operated calcium channel. Biochemical and Biophysical Research Communications, 2005, 336, 54-60.	1.0	39
18	Cutaneous carcinosarcoma: further insights into its mutational landscape through massive parallel genome sequencing. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2014, 465, 339-350.	1.4	39

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19	Neglected Tropical Protozoan Diseases: Drug Repositioning as a Rational Option. Current Topics in Medicinal Chemistry, 2016, 16, 2201-2222.	1.0	37
20	A calcium pump in plasma membrane vesicles from Leishmania braziliensis. Biochimica Et Biophysica Acta - Biomembranes, 1990, 1027, 79-84.	1.4	36
21	<i>In Vitro</i> Anti-Trypanosoma cruzi Activity of Dronedarone, a Novel Amiodarone Derivative with an Improved Safety Profile. Antimicrobial Agents and Chemotherapy, 2012, 56, 3720-3725.	1.4	36
22	Ca ²⁺ /Calmodulin and Apo-Calmodulin Both Bind to and Enhance the Tyrosine Kinase Activity of c-Src. PLoS ONE, 2015, 10, e0128783.	1.1	35
23	Dronedarone, an Amiodarone Analog with Improved Anti-Leishmania mexicana Efficacy. Antimicrobial Agents and Chemotherapy, 2014, 58, 2295-2303.	1.4	33
24	Ceramide and sphingosine have an antagonistic effect on the plasma-membrane Ca ²⁺ -ATPase from human erythrocytes. Biochemical Journal, 2002, 362, 247-251.	1.7	32
25	Characterization of the plasma-membrane calcium pump from <i>Trypanosoma cruzi</i> . Biochemical Journal, 1995, 306, 299-303.	1.7	30
26	Activation of the purified erythrocyte plasma membrane Ca ²⁺ -ATPase by organic solvents. FEBS Letters, 1989, 244, 484-486.	1.3	29
27	Ouabain-sensitive Na ⁺ ,K ⁺ -ATPase in the plasma membrane of Leishmania mexicana. Molecular and Biochemical Parasitology, 1995, 74, 179-187.	0.5	29
28	A proton pumping pyrophosphatase in the Golgi apparatus and plasma membrane vesicles of Trypanosoma cruzi. Molecular and Biochemical Parasitology, 2002, 120, 205-213.	0.5	28
29	Increased calcium permeability is not responsible for the rapid lethal effects of amphotericin B on Leishmania sp. FEBS Letters, 1990, 259, 286-288.	1.3	27
30	The marine sponge toxin agelastin B increases the intracellular Ca ²⁺ concentration and induces apoptosis in human breast cancer cells (MCF-7). Cancer Chemotherapy and Pharmacology, 2012, 69, 71-83.	1.1	27
31	Primary cutaneous carcinosarcoma: insights into its clonal origin and mutational pattern expression analysis through next-generation sequencing. Human Pathology, 2013, 44, 2853-2860.	1.1	27
32	Ceramide increase cytoplasmic Ca ²⁺ concentration in Jurkat T cells by liberation of calcium from intracellular stores and activation of a store-operated calcium channel. Archives of Biochemistry and Biophysics, 2005, 436, 333-345.	1.4	26
33	Ethanol stimulates the plasma membrane calcium pump from human erythrocytes. Biochimica Et Biophysica Acta - Biomembranes, 1994, 1195, 141-148.	1.4	25
34	Investigation of a combination of amiodarone and itraconazole for treatment of American trypanosomiasis (Chagas disease) in dogs. Journal of the American Veterinary Medical Association, 2019, 255, 317-329.	0.2	25
35	Identification of a sphingosine-sensitive Ca ²⁺ channel in the plasma membrane of Leishmania mexicana. Biochemical and Biophysical Research Communications, 2013, 430, 1091-1096.	1.0	24
36	Characterization of Phospho-(Tyrosine)-Mimetic Calmodulin Mutants. PLoS ONE, 2015, 10, e0120798.	1.1	23

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37	SQ109 inhibits proliferation of <i>Leishmania donovani</i> by disruption of intracellular Ca^{2+} homeostasis, collapsing the mitochondrial electrochemical potential ($\Delta\psi_m$) and affecting acidocalcisomes. <i>Parasitology Research</i> , 2020, 119, 649-657.	0.6	23
38	Diacylglycerol regulates the plasma membrane calcium pump from human erythrocytes by direct interaction. <i>Archives of Biochemistry and Biophysics</i> , 2009, 489, 55-61.	1.4	22
39	ATPase activity and Ca^{2+} transport by reconstituted tryptic fragments of the Ca^{2+} pump of the erythrocyte plasma membrane. <i>Cell Calcium</i> , 1986, 7, 175-186.	1.1	21
40	Phosphatidylethanol stimulates the plasma-membrane calcium pump from human erythrocytes. <i>Biochemical Journal</i> , 1996, 317, 933-938.	1.7	21
41	The Effect of Ethanol on the Plasma Membrane Calcium Pump Is Isoform-specific. <i>Journal of Biological Chemistry</i> , 1998, 273, 29811-29815.	1.6	21
42	Inhibition of <i>Leishmania mexicana</i> Growth by the Tuberculosis Drug SQ109. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6386-6389.	1.4	21
43	Disruption of Ca^{2+} Homeostasis In <i>Trypanosoma Cruzi</i> By Crystal Violet. <i>Journal of Eukaryotic Microbiology</i> , 1993, 40, 311-316.	0.8	20
44	Characterization of mitochondrial electron-transfer in <i>Leishmania mexicana</i> . <i>Molecular and Biochemical Parasitology</i> , 1997, 90, 43-54.	0.5	20
45	Identification and electrophysiological properties of a sphingosine-dependent plasma membrane Ca^{2+} channel in <i>Trypanosoma Cruzi</i> . <i>FEBS Journal</i> , 2019, 286, 3909-3925.	2.2	19
46	Regulatory Interaction between Calmodulin and the Epidermal Growth Factor Receptor. <i>Annals of the New York Academy of Sciences</i> , 1995, 766, 472-476.	1.8	18
47	Ceramide and sphingosine have an antagonistic effect on the plasma-membrane Ca^{2+} -ATPase from human erythrocytes. <i>Biochemical Journal</i> , 2002, 362, 247.	1.7	17
48	Similarities between the effects of dimethyl sulfoxide and calmodulin on the red blood cell Ca^{2+} -ATPase. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1026, 87-92.	1.4	16
49	Anti- <i>Trypanosoma cruzi</i> action of a new benzofuran derivative based on amiodarone structure. <i>Experimental Parasitology</i> , 2018, 189, 8-15.	0.5	16
50	The plasma membrane Ca^{2+} -ATPase protein from red blood cells is not modified in preeclampsia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2006, 1762, 381-385.	1.8	15
51	The activating role of phospho-(Tyr)-calmodulin on the epidermal growth factor receptor. <i>Biochemical Journal</i> , 2015, 472, 195-204.	1.7	15
52	Comparative phosphorylation of calmodulin from trypanosomatids and bovine brain by calmodulin-binding protein kinases. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1998, 120, 57-65.	0.5	14
53	Evaluation of the Presence of a Thapsigargin-Sensitive Calcium Store in Trypanosomatids Using <i>Trypanosoma evansi</i> as a Model. <i>Journal of Parasitology</i> , 2004, 90, 1181-1183.	0.3	14
54	The Rationale for Use of Amiodarone and its Derivatives for the Treatment of Chagas™ Disease and Leishmaniasis. <i>Current Pharmaceutical Design</i> , 2021, 27, 1825-1833.	0.9	14

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55	Characterisation of tyrosine-phosphorylation-defective calmodulin mutants. Protein Expression and Purification, 2005, 41, 384-392.	0.6	13
56	Sodium-Calcium Exchanger Modulates the L-Glutamate Ca ²⁺ Signalling in Type-1 Cerebellar Astrocytes. Advances in Experimental Medicine and Biology, 2013, 961, 267-274.	0.8	12
57	In vitro 4-Aryloxy-7-chloroquinoline derivatives are effective in mono- and combined therapy against Leishmania donovani and induce mitochondrial membrane potential disruption. Acta Tropica, 2018, 183, 36-42.	0.9	11
58	The Calcium Pump of Plasma Membranes. Novartis Foundation Symposium, 1986, 122, 58-72.	1.2	11
59	Fluorimetric quantification of cell death in monolayer cultures and cell suspensions. Journal of Proteomics, 1991, 23, 237-248.	2.4	10
60	The Activity of the Na ⁺ /Ca ²⁺ Exchanger Largely Modulates the Ca ²⁺ Signal Induced by Hypo-Osmotic Stress in Rat Cerebellar Astrocytes. The Effect of Osmolarity on Exchange Activity. Journal of Physiological Sciences, 2008, 58, 277-290.	0.9	10
61	Sphingosine inhibits the sarco(endo)plasmic reticulum Ca ²⁺ -ATPase (SERCA) activity. Biochemical and Biophysical Research Communications, 2016, 473, 572-577.	1.0	8
62	Evidence of the presence of a calmodulin-sensitive plasma membrane Ca ²⁺ -ATPase in Trypanosoma equiperdum. Molecular and Biochemical Parasitology, 2017, 213, 1-11.	0.5	8
63	Ergosterone-coupled Triazol molecules trigger mitochondrial dysfunction, oxidative stress, and acidocalcisomal Ca ²⁺ release in Leishmania mexicana promastigotes. Microbial Cell, 2016, 3, 14-28.	1.4	7
64	Trypanosoma cruzi calmodulin: Cloning, expression and characterization. Experimental Parasitology, 2009, 123, 326-333.	0.5	6
65	Cutaneous carcinosarcoma and the EMT: to transition, or not to transition? That is the question. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2015, 466, 359-360.	1.4	6
66	Antiproliferative effect of a benzofuran derivate based on the structure of amiodarone on Leishmania donovani affecting mitochondria, acidocalcisomes and intracellular Ca ²⁺ homeostasis. Parasitology International, 2019, 70, 112-117.	0.6	6
67	Identification and characterization of a calmodulin binding domain in the plasma membrane Ca ²⁺ -ATPase from Trypanosoma equiperdum. Molecular and Biochemical Parasitology, 2018, 222, 51-60.	0.5	5
68	Anti-VSG antibodies induce an increase in Trypanosoma evansi intracellular Ca ²⁺ concentration. Parasitology, 2008, 135, 1303-1315.	0.7	4
69	A store-operated Ca ²⁺ -entry in Trypanosoma equiperdum: Physiological evidences of its presence. Molecular and Biochemical Parasitology, 2021, 244, 111394.	0.5	3
70	Poorly differentiated osteoclast-like giant cell variant of cutaneous squamous cell carcinoma: Uncovering its mutational landscape through massive parallel sequencing. Pathology Research and Practice, 2018, 214, 1898-1903.	1.0	2
71	Phosphorylation-induced conformational changes of photoactivated rhodopsin probed by fluorescent labeling at Cys 140 and Cys 316. Biochimie, 2018, 150, 57-69.	1.3	1
72	Effects of amiodarone, amioder, and dronedarone on Trichomonas vaginalis. Parasitology Research, 2022, 121, 1761.	0.6	1

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73	Determination of Intracellular Ca ²⁺ Concentration in the Human Pathogens Trypanosomatids <i>Leishmania mexicana</i> and <i>Trypanosoma cruzi</i> by the Use of the Fluorescent Ca ²⁺ Indicator Fura-2. Bio-protocol, 2020, 10, e3766.	0.2	0