

Jorge Ferreira

List of Publications by Year in descending order

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56
papers

1,790
citations

257101

24
h-index

276539

41
g-index

57
all docs

57
docs citations

57
times ranked

2767
citing authors

#	ARTICLE	IF	CITATIONS
1	Mode of action of natural and synthetic drugs against <i>Trypanosoma cruzi</i> and their interaction with the mammalian host. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 146, 601-620.	0.8	281
2	Polyphenols and mitochondria: An update on their increasingly emerging ROS-scavenging independent actions. <i>Archives of Biochemistry and Biophysics</i> , 2014, 559, 75-90.	1.4	222
3	<i>Trypanosoma cruzi</i> : Activities of lapachol and $\hat{1}\pm$ - and $\hat{1}^2$ -lapachone derivatives against epimastigote and trypomastigote forms. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 668-674.	1.4	119
4	Buthionine Sulfoximine Increases the Toxicity of Nifurtimox and Benznidazole to <i>Trypanosoma cruzi</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 126-130.	1.4	84
5	Antiproliferative and Uncoupling Effects of Delocalized, Lipophilic, Cationic Gallic Acid Derivatives on Cancer Cell Lines. Validation in Vivo in Singenic Mice. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 2440-2454.	2.9	81
6	FR58P1a; a new uncoupler of OXPHOS that inhibits migration in triple-negative breast cancer cells via Sirt1/AMPK/ $\hat{1}^2$ 1-integrin pathway. <i>Scientific Reports</i> , 2018, 8, 13190.	1.6	53
7	Chagas disease: Present status of pathogenic mechanisms and chemotherapy. <i>Biological Research</i> , 2010, 43, .	1.5	51
8	A Novel Immunomodulatory Hemocyanin from the Limpet <i>Fissurella latimarginata</i> Promotes Potent Anti-Tumor Activity in Melanoma. <i>PLoS ONE</i> , 2014, 9, e87240.	1.1	49
9	Effect of butylated hydroxyanisole on electron transport in rat liver mitochondria. <i>Biochemical Pharmacology</i> , 1990, 40, 677-684.	2.0	36
10	Effects and mode of action of 1,4-naphthoquinones isolated from <i>Calceolaria sessilis</i> on tumoral cells and <i>Trypanosoma</i> parasites. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1995, 112, 119-128.	0.5	35
11	Buthionine Sulfoximine Has Anti- <i>Trypanosoma cruzi</i> Activity in a Murine Model of Acute Chagas' Disease and Enhances the Efficacy of Nifurtimox. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 1837-1839.	1.4	34
12	Synthesis, Characterization and Antitumor Activity of cis-bis(acylthiourea) platinum(II) Complexes, cis-[PtL2] [HL1=N,N-Diphenyl-N'-Benzoylthiourea or HL2=N,N-diphenyl-N'-(p-nitrobenzoyl)thiourea]. <i>Bioinorganic Chemistry and Applications</i> , 2003, 1, 271-284.	1.8	32
13	Comparative cytotoxicity of alkyl gallates on mouse tumor cell lines and isolated rat hepatocytes. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 146, 520-527.	0.8	31
14	Roles of <i>Trypanosoma cruzi</i> calreticulin in parasite-host interactions and in tumor growth. <i>Molecular Immunology</i> , 2012, 52, 133-140.	1.0	31
15	Inhibition of tumoral cell respiration and growth by nordihydroguaiaretic acid. <i>Biochemical Pharmacology</i> , 1994, 48, 1935-1942.	2.0	30
16	Effects of 9,10-dihydroxy-4,4-dimethyl-5,8-dihydro-1(4H)-anthracenone derivatives on tumor cell respiration. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 4664-4669.	1.4	30
17	Immunodominant role of CCHA subunit of <i>Concholepas</i> hemocyanin is associated with unique biochemical properties. <i>International Immunopharmacology</i> , 2009, 9, 330-339.	1.7	30
18	<i>Trypanosoma cruzi</i> : In vitro effect of aspirin with nifurtimox and benznidazole. <i>Experimental Parasitology</i> , 2010, 124, 167-171.	0.5	30

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19	Novel Gallate Triphenylphosphonium Derivatives with Potent Antichagasic Activity. PLoS ONE, 2015, 10, e0136852.	1.1	30
20	Small structural changes on a hydroquinone scaffold determine the complex I inhibition or uncoupling of tumoral oxidative phosphorylation. Toxicology and Applied Pharmacology, 2016, 291, 46-57.	1.3	30
21	Benznidazole prevents endothelial damage in an experimental model of Chagas disease. Acta Tropica, 2013, 127, 6-13.	0.9	29
22	Effects of 4,4-Dimethyl-5,8-dihydroxynaphtalene-1-one and 4,4-Dimethyl-5,8-dihydroxytetralone derivatives on tumor cell respiration. Bioorganic and Medicinal Chemistry, 2002, 10, 3057-3060.	1.4	28
23	An ortho-carbonyl substituted hydroquinone derivative is an anticancer agent that acts by inhibiting mitochondrial bioenergetics and by inducing G2/M-phase arrest in mammary adenocarcinoma TA3. Toxicology and Applied Pharmacology, 2013, 267, 218-227.	1.3	28
24	The Role of Vitamin C in Cancer Prevention and Therapy: A Literature Review. Antioxidants, 2021, 10, 1894.	2.2	27
25	Simvastatin and Benznidazole-Mediated Prevention of Trypanosoma cruzi-Induced Endothelial Activation: Role of 15-epi-lipoxin A4 in the Action of Simvastatin. PLoS Neglected Tropical Diseases, 2015, 9, e0003770.	1.3	26
26	Complex Mitochondrial Dysfunction Induced by TPP+-Gentisic Acid and Mitochondrial Translation Inhibition by Doxycycline Evokes Synergistic Lethality in Breast Cancer Cells. Cells, 2020, 9, 407.	1.8	25
27	Protection of vascular endothelium by aspirin in a murine model of chronic Chagasâ€™ disease. Parasitology Research, 2013, 112, 2731-2739.	0.6	24
28	t-butyl-4-hydroxyanisole as an inhibitor of tumor cell respiration. Biochemical Pharmacology, 1989, 38, 3443-3451.	2.0	23
29	Immunotherapeutic Potential of Mollusk Hemocyanins in Combination with Human Vaccine Adjuvants in Murine Models of Oral Cancer. Journal of Immunology Research, 2019, 2019, 1-19.	0.9	22
30	Destabilization of mitochondrial functions as a target against breast cancer progression: Role of TPP + -linked-polyhydroxybenzoates. Toxicology and Applied Pharmacology, 2016, 309, 2-14.	1.3	21
31	Effects of buthionine sulfoximine nifurtimox and benznidazole upon trypanothione and metallothionein proteins in Trypanosoma cruzi.. Biological Research, 2004, 37, 61-9.	1.5	19
32	Does native Trypanosoma cruzi calreticulin mediate growth inhibition of a mammary tumor during infection?. BMC Cancer, 2016, 16, 731.	1.1	18
33	The effect of siRNA-Egr-1 and camptothecin on growth and chemosensitivity of breast cancer cell lines. Oncology Reports, 2010, 23, 1159-65.	1.2	17
34	Aorta Ascending Aneurysm Analysis Using CFD Models towards Possible Anomalies. Fluids, 2017, 2, 31.	0.8	15
35	Tumor cell death induced by the inhibition of mitochondrial electron transport: The effect of 3-hydroxybakuchiol. Toxicology and Applied Pharmacology, 2013, 272, 356-364.	1.3	13
36	Derivatives of alkyl gallate triphenylphosphonium exhibit antitumor activity in a syngeneic murine model of mammary adenocarcinoma. Toxicology and Applied Pharmacology, 2017, 329, 334-346.	1.3	13

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37	Inhibitory effect of nordihydroguaiaretic acid and its tetra-acetylated derivative on respiration and growth of adenocarcinoma TA3 and its multiresistant variant TA3MTX-R. <i>In Vivo</i> , 2008, 22, 353-61.	0.6	13
38	OXIDATIVE PHOSPHORYLATION: Kinetic and Thermodynamic Correlation between Electron Flow, Proton Translocation, Oxygen Consumption and ATP Synthesis under Close to <i>In Vivo</i> Concentrations of Oxygen. <i>International Journal of Medical Sciences</i> , 2008, 5, 143-151.	1.1	12
39	Knockdown of the c-Jun-N-terminal kinase expression by siRNA inhibits MCF-7 breast carcinoma cell line growth. <i>Oncology Reports</i> , 2010, 24, 1339-45.	1.2	10
40	Increased expression of p21Waf1/Cip1 and JNK with costimulation of prostate cancer cell activation by an siRNA Egr-1 inhibitor. <i>Oncology Reports</i> , 2013, 30, 911-916.	1.2	10
41	Novel benzoate-lipophilic cations selectively induce cell death in human colorectal cancer cell lines. <i>Toxicology in Vitro</i> , 2020, 65, 104814.	1.1	9
42	Medicinal Plants of Chile: Evaluation of their Anti-Trypanosoma cruzi Activity. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2013, 68, 198-202.	0.6	7
43	Inhibition of basal JNK activity by small interfering RNAs enhances cisplatin sensitivity and decreases DNA repair in T98G glioblastoma cells. <i>Oncology Reports</i> , 2015, 33, 413-418.	1.2	7
44	The oxygen-binding properties of hemocyanin from the mollusk <i>Concholepas concholepas</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 1746-1757.	1.1	7
45	The oxygen dependence of the mitochondrial respiration rate in ascites tumor cells. <i>FEBS Journal</i> , 1992, 207, 857-866.	0.2	5
46	Inhibitory effect of vanillin-like compounds on respiration and growth of adenocarcinoma TA3 and its multiresistant variant TA3-MTX-R. <i>European Journal of Pharmaceutical Sciences</i> , 2002, 16, 255-263.	1.9	5
47	Modulation of the response of prostate cancer cell lines to cisplatin treatment using small interfering RNA. <i>Oncology Reports</i> , 2013, 30, 1936-1942.	1.2	5
48	Association of increased levels of TGF- β 1 and p14ARF in prostate carcinoma cell lines overexpressing Egr-1. <i>Oncology Reports</i> , 2014, 32, 2191-2198.	1.2	5
49	Allergens of the urushiol family promote mitochondrial dysfunction by inhibiting the electron transport at the level of cytochromes b and chemically modify cytochrome c1. <i>Biological Research</i> , 2021, 54, 35.	1.5	4
50	Continuous flow synthesis of lipophilic cations derived from benzoic acid as new cytotoxic chemical entities in human head and neck carcinoma cell lines. <i>RSC Medicinal Chemistry</i> , 2020, 11, 1210-1225.	1.7	3
51	Cytochrome c oxidase: the mechanistic significance of structural H ⁺ in energy transduction. <i>Journal of Bioenergetics and Biomembranes</i> , 2002, 34, 259-267.	1.0	2
52	Effects of Simple and Angular Chromones on Tumor Cell Respiration. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800300.	0.2	2
53	Antiproliferative and proapoptotic activities of aza-annulated naphthoquinone analogs. <i>Toxicology in Vitro</i> , 2019, 54, 375-390.	1.1	2
54	Chemosensitizing effect of nordihydroguaiaretic acid and its tetra-acetylated derivative on parental and multiresistant TA3 mouse mammary adenocarcinoma cells. <i>In Vivo</i> , 2009, 23, 959-67.	0.6	2

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55	Decreased c-Abl activity in PC-3 and LNCaP prostate cancer cells overexpressing the early growth response-1 protein. <i>Oncology Reports</i> , 2014, 31, 422-427.	1.2	1
56	Activation of Tax protein by c-Jun-N-terminal kinase is not dependent on the presence or absence of the early growth response-1 gene product. <i>Oncology Reports</i> , 2016, 35, 1163-1169.	1.2	0