

Sueli de Oliveira Silva

List of Publications by Year in descending order

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64
papers

1,636
citations

279701

23
h-index

330025

37
g-index

64
all docs

64
docs citations

64
times ranked

2566
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidation of melatonin and its catabolites, N ¹ -acetyl-N ² -formyl-5-methoxykynuramine and N ¹ -acetyl-5-methoxykynuramine, by activated leukocytes. <i>Journal of Pineal Research</i> , 2004, 37, 171-175.	3.4	97
2	Manganese superoxide dismutase (SOD2): is there a center in the universe of mitochondrial redox signaling?. <i>Journal of Bioenergetics and Biomembranes</i> , 2017, 49, 325-333.	1.0	78
3	Neutrophils as a specific target for melatonin and kynuramines: effects on cytokine release. <i>Journal of Neuroimmunology</i> , 2004, 156, 146-152.	1.1	77
4	Superoxide-dependent Oxidation of Melatonin by Myeloperoxidase. <i>Journal of Biological Chemistry</i> , 2005, 280, 38160-38169.	1.6	67
5	Oxidative Stress Triggered by Apigenin Induces Apoptosis in a Comprehensive Panel of Human Cervical Cancer-Derived Cell Lines. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-18.	1.9	64
6	In vitro anti-trypanosomal activity of elatol isolated from red seaweed <i>Laurencia dendroidea</i> . <i>Parasitology</i> , 2010, 137, 1661-1670.	0.7	58
7	Myeloperoxidase-Catalyzed Oxidation of Melatonin by Activated Neutrophils. <i>Biochemical and Biophysical Research Communications</i> , 2000, 279, 657-662.	1.0	57
8	High concentrations of the melatonin metabolite, N ¹ -acetyl-N ² -formyl-5-methoxykynuramine, in cerebrospinal fluid of patients with meningitis: a possible immunomodulatory mechanism. <i>Journal of Pineal Research</i> , 2005, 39, 302-306.	3.4	51
9	Immunological detection of N-formylkynurenine in oxidized proteins. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1260-1266.	1.3	51
10	Trypanocidal Action of (âˆ—)-Elatol Involves an Oxidative Stress Triggered by Mitochondria Dysfunction. <i>Marine Drugs</i> , 2012, 10, 1631-1646.	2.2	51
11	Dihydrocaffeic Acid Prevents UVB-Induced Oxidative Stress Leading to the Inhibition of Apoptosis and MMP-1 Expression via p38 Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	1.9	47
12	Tannic acid, a promising anti-photoaging agent: Evidences of its antioxidant and anti-wrinkle potentials, and its ability to prevent photodamage and MMP-1 expression in L929 fibroblasts exposed to UVB. <i>Free Radical Biology and Medicine</i> , 2020, 160, 342-355.	1.3	47
13	Chemical composition of <i>Pleurotus pulmonarius</i> (Fr.) QuÃ©l., substrates and residue after cultivation. <i>Brazilian Archives of Biology and Technology</i> , 2002, 45, 531-535.	0.5	43
14	Further evidence of the trypanocidal action of eupomatenoid-5: Confirmation of involvement of reactive oxygen species and mitochondria owing to a reduction in trypanothione reductase activity. <i>Free Radical Biology and Medicine</i> , 2013, 60, 17-28.	1.3	39
15	Constitutive nitric oxide synthase activation is a significant route for nitroglycerin-mediated vasodilation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8569-8574.	3.3	37
16	The reactivity of ortho-methoxy-substituted catechol radicals with sulfhydryl groups: Contribution for the comprehension of the mechanism of inhibition of NADPH oxidase by apocynin. <i>Biochemical Pharmacology</i> , 2007, 74, 457-464.	2.0	36
17	Î²-Glucan Induces Reactive Oxygen Species Production in Human Neutrophils to Improve the Killing of <i>Candida albicans</i> and <i>Candida glabrata</i> Isolates from Vulvovaginal Candidiasis. <i>PLoS ONE</i> , 2014, 9, e107805.	1.1	36
18	In Vitro and In Vivo Trypanocidal Synergistic Activity of N-Butyl-1-(4-Dimethylamino)Phenyl-1,2,3,4-Tetrahydro-Î²-Carboline-3-Carboxamide Associated with Benznidazole. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 507-512.	1.4	33

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19	Dibenzylideneacetones Are Potent Trypanocidal Compounds That Affect the Trypanosoma cruzi Redox System. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 890-903.	1.4	31
20	Abilities of protocatechuic acid and its alkyl esters, ethyl and heptyl protocatechuates, to counteract UVB-induced oxidative injuries and photoaging in fibroblasts L929 cell line. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 203, 111771.	1.7	30
21	Pheophorbide a, a compound isolated from the leaves of <i>Arrabidaea chica</i> , induces photodynamic inactivation of <i>Trypanosoma cruzi</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 19, 256-265.	1.3	29
22	Trypanocidal action of eupomatenoid-5 is related to mitochondrion dysfunction and oxidative damage in <i>Trypanosoma cruzi</i> . <i>Microbes and Infection</i> , 2011, 13, 1018-1024.	1.0	27
23	Ceria Nanoparticles Decrease UVA-Induced Fibroblast Death Through Cell Redox Regulation Leading to Cell Survival, Migration and Proliferation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 577557.	2.0	25
24	Selective photodynamic effects on cervical cancer cells provided by P123 Pluronic [®] -based nanoparticles modulating hypericin delivery. <i>Life Sciences</i> , 2020, 255, 117858.	2.0	25
25	Antioxidant Effects of Quercetin and Naringenin Are Associated with Impaired Neutrophil Microbicidal Activity. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-7.	0.5	24
26	Eupomatenoid-5 Isolated from Leaves of <i>Piper regnellii</i> Induces Apoptosis in <i>Leishmania amazonensis</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-11.	0.5	24
27	Comparative pathogenicity in Swiss mice of <i>Trypanosoma cruzi</i> IV from northern Brazil and <i>Trypanosoma cruzi</i> II from southern Brazil. <i>Experimental Parasitology</i> , 2014, 146, 34-42.	0.5	24
28	The extended production of UV-induced reactive oxygen species in L929 fibroblasts is attenuated by posttreatment with <i>Arrabidaea chica</i> through scavenging mechanisms. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 178, 175-181.	1.7	22
29	The natural compounds piperovatine and piperlonguminine induce autophagic cell death on <i>Trypanosoma cruzi</i> . <i>Acta Tropica</i> , 2013, 125, 349-356.	0.9	21
30	The Effects of <i>N</i> -Butyl-1-(4-dimethylamino)phenyl-1,2,3,4-tetrahydro- β -carboline-3-carboxamide against <i>Leishmania amazonensis</i> Are Mediated by Mitochondrial Dysfunction. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-7.	0.5	21
31	The photodynamic action of pheophorbide a induces cell death through oxidative stress in <i>Leishmania amazonensis</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 174, 342-354.	1.7	21
32	Microbicidal activity of neutrophils is inhibited by isolates from recurrent vaginal candidiasis (RVVC) caused by <i>Candida albicans</i> through fungal thioredoxin reductase. <i>Cellular Immunology</i> , 2015, 293, 22-29.	1.4	19
33	C5 induces different cell death pathways in promastigotes of <i>Leishmania amazonensis</i> . <i>Chemico-Biological Interactions</i> , 2016, 256, 16-24.	1.7	19
34	Melatonin and its kynurenin-like oxidation products affect the microbicidal activity of neutrophils. <i>Microbes and Infection</i> , 2006, 8, 420-425.	1.0	18
35	Mitochondria Superoxide Anion Production Contributes to Geranylgeraniol-Induced Death in <i>Leishmania amazonensis</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-9.	0.5	18
36	Antioxidative photochemoprotector effects of cerium oxide nanoparticles on UVB irradiated fibroblast cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 191, 111013.	2.5	17

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37	Proanthocyanidin Polymer-Rich Fraction of <i>Stryphnodendron adstringens</i> Promotes in Vitro and in Vivo Cancer Cell Death via Oxidative Stress. <i>Frontiers in Pharmacology</i> , 2018, 9, 694.	1.6	16
38	Evaluation of lipid nanoparticles for topical delivery of protocatechuic acid and ethyl protocatechuate as a new photoprotection strategy. <i>International Journal of Pharmaceutics</i> , 2020, 582, 119336.	2.6	16
39	The Combination of Vitamin K3 and Vitamin C Has Synergic Activity against Forms of <i>Trypanosoma cruzi</i> through a Redox Imbalance Process. <i>PLoS ONE</i> , 2015, 10, e0144033.	1.1	15
40	1,3,4-Thiadiazole derivatives of R-(+)-limonene benzaldehyde-thiosemicarbazones cause death in <i>Trypanosoma cruzi</i> through oxidative stress. <i>Microbes and Infection</i> , 2016, 18, 787-797.	1.0	15
41	Mitochondrial Dysfunction Induced by N-Butyl-1-(4-Dimethylamino)Phenyl-1,2,3,4-Tetrahydro- β -Carboline-3-Carboxamide Is Required for Cell Death of <i>Trypanosoma cruzi</i> . <i>PLoS ONE</i> , 2015, 10, e0130652.	1.1	15
42	Trypanocidal activity of organic extracts from the Brazilian and Spanish marine sponges. <i>Revista Brasileira De Farmacognosia</i> , 2015, 25, 651-656.	0.6	13
43	AMPK-deficiency forces metformin-challenged cancer cells to switch from carbohydrate metabolism to ketogenesis to support energy metabolism. <i>Oncogene</i> , 2021, 40, 5455-5467.	2.6	13
44	Drug Crystal-Related Gastrointestinal Complications Involve Crystal-Induced Release of Neutrophil and Monocyte Extracellular Traps. <i>Cells</i> , 2020, 9, 2481.	1.8	12
45	Engineered nanoceria modulate neutrophil oxidative response to low doses of γ radiation through the inhibition of reactive oxygen species production. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 2570-2579.	2.1	12
46	Vitamin K3 induces antiproliferative effect in cervical epithelial cells transformed by HPV 16 (SiHa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Obstetrics, 2016, 294, 797-804.	0.8	11
47	Plasma Proteins and Platelets Modulate Neutrophil Clearance of Malaria-Related Hemozoin Crystals. <i>Cells</i> , 2020, 9, 93.	1.8	11
48	Artepillin C Induces Selective Oxidative Stress and Inhibits Migration and Invasion in a Comprehensive Panel of Human Cervical Cancer Cell Lines. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 18, 1750-1760.	0.9	11
49	Additional Evidence of the Trypanocidal Action of (α^{\sim})-Elatol on Amastigote Forms through the Involvement of Reactive Oxygen Species. <i>Marine Drugs</i> , 2014, 12, 4973-4983.	2.2	10
50	Synthesis and evaluation of the trypanocidal activity of a series of 1,3,4-thiadiazoles derivatives of R-(+)-limonene benzaldehyde-thiosemicarbazones. <i>Medicinal Chemistry Research</i> , 2016, 25, 1193-1203.	1.1	10
51	Trypanocidal activity of 1,3,7-trihydroxy-2-(3-methylbut-2-enyl)-xanthone isolated from <i>Kielmeyera coriacea</i> . <i>Parasitology International</i> , 2013, 62, 405-411.	0.6	9
52	Effects of (1 <i>E</i> ,4 <i>E</i>)-2-Methyl-1,5-bis(4-nitrophenyl)penta-1,4-dien-3-one on <i>Trypanosoma cruzi</i> and Its Combinational Effect with Benznidazole, Ketoconazole, or Fluconazole. <i>BioMed Research International</i> , 2017, 2017, 1-11.	0.9	9
53	Propolis increases neutrophils response against <i>Candida albicans</i> through the increase of reactive oxygen species. <i>Future Microbiology</i> , 2018, 13, 221-230.	1.0	8
54	Design of composite microparticle systems based on pectin and waste material of propolis for modified α -alanine-glutamine release and with immunostimulant activity. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 12-23.	1.1	8

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55	2-acetylphenothiazine protects L929 fibroblasts against UVB-induced oxidative damage. Journal of Photochemistry and Photobiology B: Biology, 2021, 216, 112130.	1.7	8
56	Natural compounds based chemotherapeutic against Chagas disease and leishmaniasis: mitochondrion as a strategic target. Memorias Do Instituto Oswaldo Cruz, 2022, 117, e220396.	0.8	7
57	Hypochlorite scavenging activity of cerium oxide nanoparticles. RSC Advances, 2016, 6, 62911-62915.	1.7	6
58	Anti-Trypanosoma Activity and Synergistic Effects of Natural and Semi-Synthetic Triterpenes and Predominant Cell Death through Autophagy in Amastigote Forms. Journal of the Brazilian Chemical Society, 0, , .	0.6	5
59	Metformin effect on driving cell survival pathway through inhibition of UVB-induced ROS formation in human keratinocytes. Mechanisms of Ageing and Development, 2020, 192, 111387.	2.2	4
60	Oral treatment with T6-loaded yeast cell wall particles reduces the parasitemia in murine visceral leishmaniasis model. Scientific Reports, 2019, 9, 20080.	1.6	3
61	Three-Dimensional Reconstruction of Promastigote of <i>Leishmania Amazonensis</i> Treated With ACET-1 from Serial Sections Obtained by FIB-SEM. Microscopy and Microanalysis, 2020, 26, 185-186.	0.2	2
62	Antiproliferative effect of apocynin in cervical epithelial cells infected by HPV 16 involves change of ROS production and cell cycle. Medicinal Chemistry Research, 2017, 26, 2853-2860.	1.1	1
63	Serum Proteins Alter the Ability of Neutrophils to Phagocytose Malaria Related Hemozoin Crystals. Microscopy and Microanalysis, 2020, 26, 153-154.	0.2	1
64	Î²-carbolines RCC and C5 induce the death of <i>Leishmania amazonensis</i> intracellular amastigotes. Future Microbiology, 2022, 17, 99-110.	1.0	1