

Jorge A Lopez

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

590
citations

687363

13
h-index

642732

23
g-index

44
all docs

44
docs citations

44
times ranked

816
citing authors

#	ARTICLE	IF	CITATIONS
1	Trypanosoma cruzi response to the oxidative stress generated by hydrogen peroxide. Molecular and Biochemical Parasitology, 2004, 133, 37-43.	1.1	77
2	Mango and Acerola Pulps as Antioxidant Additives in Cassava Starch Bio-based Film. Journal of Agricultural and Food Chemistry, 2011, 59, 2248-2254.	5.2	63
3	Evidence for a trypanothione-dependent peroxidase system in Trypanosoma cruzi. Free Radical Biology and Medicine, 2000, 28, 767-772.	2.9	46
4	His-tagged tryparedoxin peroxidase of Trypanosoma cruzi as a tool for drug screening. Applied Microbiology and Biotechnology, 2000, 53, 410-414.	3.6	40
5	Trypanosoma cruzi strains, Tulahuen 2 and Y, besides the difference in resistance to oxidative stress, display differential glucose-6-phosphate and 6-phosphogluconate dehydrogenases activities. Acta Tropica, 2007, 101, 54-60.	2.0	37
6	Preliminary Studies of Bio-oil from Fast Pyrolysis of Coconut Fibers. Journal of Agricultural and Food Chemistry, 2013, 61, 6812-6821.	5.2	36
7	Turnera ulmifolia L. (Turneraceae): Preliminary study of its antioxidant activity. Bioresource Technology, 2006, 97, 1387-1391.	9.6	26
8	Antioxidant activity and protective effect of Turnera ulmifolia Linn. var. elegans against carbon tetrachloride-induced oxidative damage in rats. Food and Chemical Toxicology, 2012, 50, 4340-4347.	3.6	22
9	Seroprevalence and risk factors for canine visceral leishmaniasis in the endemic area of Dias D'Ávila, State of Bahia, Brazil. Revista Da Sociedade Brasileira De Medicina Tropical, 2010, 43, 400-404.	0.9	20
10	Chemical composition, antioxidant activity and hepatoprotective potential of Rourea induta Planch. (Connaraceae) against CCl4-induced liver injury in female rats. Nutrition, 2014, 30, 713-718.	2.4	19
11	Electrochemical and/or microbiological treatment of pyrolysis wastewater. Chemosphere, 2017, 185, 145-151.	8.2	18
12	Bioconversion from crude glycerin by Xanthomonas campestris 2103: xanthan production and characterization. Brazilian Journal of Chemical Engineering, 2013, 30, 737-746.	1.3	17
13	Sunflower stalk as a carbon source inductive for fungal xylanase production. Industrial Crops and Products, 2020, 153, 112368.	5.2	17
14	Insulin or insulin-like studies on unicellular organisms: a review. Brazilian Archives of Biology and Technology, 2004, 47, 973-981.	0.5	14
15	Chemical Characterization of Flowers and Leaf Extracts Obtained from Turnera subulata and Their Immunomodulatory Effect on LPS-Activated RAW 264.7 Macrophages. Molecules, 2022, 27, 1084.	3.8	13
16	Genotoxicity of Turnera subulata and Spondias mombin—Spondias tuberosa Extracts from Brazilian Caatinga Biome. Journal of Medicinal Food, 2018, 21, 372-379.	1.5	12
17	Enhanced HCB removal using bacteria from mangrove as post-treatment after electrochemical oxidation using a laser-prepared Ti/RuO ₂ —TiO ₂ anode. Chemosphere, 2021, 279, 130875.	8.2	11
18	Acetylcholinesterase Activity of Alkaloids from the Leaves of Waltheria brachypetala. Planta Medica, 2009, 75, 335-337.	1.3	10

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19	Licania rigida Benth leaf extracts: Assessment of toxicity and potential anticoagulant effect. South African Journal of Botany, 2021, 139, 217-225.	2.5	9
20	<i>Licania rigida</i> leaf extract: Protective effect on oxidative stress, associated with cytotoxic, mutagenic and preclinical aspects. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2022, 85, 276-290.	2.3	9
21	Biological Effect of Leaf Aqueous Extract of <i>Caesalpinia pyramidalis</i> in Goats Naturally Infected with Gastrointestinal Nematodes. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-6.	1.2	8
22	Thrombin Inhibition: Preliminary Assessment of the Anticoagulant Potential of <i>Turnera subulata</i> (Passifloraceae). Journal of Medicinal Food, 2019, 22, 384-392.	1.5	8
23	Organic Acid Production by <i>Propionibacterium shermanii</i> : Effect of pH, Temperature and Vitamin-Nitrogen Source. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1997, 52, 193-196.	1.4	7
24	Polyhydroxyalkanoates: Biosynthesis from Alternative Carbon Sources and Analytic Methods: A Short Review. Journal of Polymers and the Environment, 2022, 30, 2669-2684.	5.0	7
25	Effect of the oxygen supply on pattern of growth and corrinoid and organic acid production of <i>Propionibacterium shermanii</i> . Applied Microbiology and Biotechnology, 1998, 49, 732-736.	3.6	6
26	Prospecting of soybean hulls as an inducer carbon source for the cellulase production. Preparative Biochemistry and Biotechnology, 2018, 48, 743-749.	1.9	6
27	Antimicrobial and Antioxidant Active Food Packaging: Technological and Scientific Prospection. Recent Patents on Biotechnology, 2020, 14, 99-111.	0.8	6
28	Phenolic Composition, Toxicity Potential, and Antimicrobial Activity of <i>Licania rigida</i> Benth (Chrysobalanaceae) Leaf Extracts. Journal of Medicinal Food, 2022, 25, 97-109.	1.5	5
29	Effect of <i>Anacardium occidentale</i> leaf extract on human acute lymphoblastic leukaemia cell lines. Natural Product Research, 2019, 33, 1633-1636.	1.8	4
30	Maternal transference of passive humoral immunity to <i>Haemonchus contortus</i> in goats. Veterinary Immunology and Immunopathology, 2010, 136, 138-143.	1.2	3
31	<i>Haemonchus contortus</i> protease inhibition by n-alkyl ferulates from <i>Maprounea guianensis</i> . Research in Veterinary Science, 2012, 92, 492-493.	1.9	2
32	Biosynthesis of xanthan gum from residual glycerin from biodiesel production for drilling fluids. BMC Proceedings, 2014, 8, .	1.6	2
33	Production of xanthan gum from soybean biodiesel: a preliminary study. BMC Proceedings, 2014, 8, .	1.6	2
34	Anthelmintic activity of <i>Cratylia mollis</i> leaves against gastrointestinal nematodes in goats. Revista Brasileira De Saude E Producao Animal, 2016, 17, 753-762.	0.3	2
35	Genetic structure analysis of <i>Mauritia flexuosa</i> natural population from the Lençóis Maranhenses region using microsatellite markers. Scientia Agricola, 2022, 79, .	1.2	1
36	Petroleum hydrocarbon degradation by isolated mangrove bacteria. Revista Peruana De Biologia, 2018, 25, 441.	0.3	1

#	ARTICLE	IF	CITATIONS
37	Environmental Biotechnology. Revista Peruana De Biologia, 2020, 27, 043-048.	0.3	1
38	Proteome investigation of an organellar fraction of Toxoplasma gondii: a preliminary study. BMC Proceedings, 2014, 8, .	1.6	0
39	Gene expression of Ceriporiopsis subvermispota during lignocellulosic substrate degradation. BMC Proceedings, 2014, 8, .	1.6	0
40	In Silico Screening of Putative Corynebacterium pseudotuberculosis Antigens and Serological Diagnosis for Caseous Lymphadenitis in Sheep by Enzyme-Linked Immunosorbent Assay. Veterinary Medicine International, 2021, 2021, 1-14.	1.5	0
41	Spondias tuberosa Extract for Silver Nanoparticles Assisted Synthesis Against Multiresistant Bacteria. Advanced Science, Engineering and Medicine, 2019, 11, 1041-1048.	0.3	0