

Iguatemy Lourenço Brunetti

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,279
citations

361296

20
h-index

360920

35
g-index

36
all docs

36
docs citations

36
times ranked

2165
citing authors

#	ARTICLE	IF	CITATIONS
1	Curcumin-mediated photodynamic inactivation of <i>Candida albicans</i> in a murine model of oral candidiasis. <i>Medical Mycology</i> , 2013, 51, 243-251.	0.3	132
2	Effect of different pre-irradiation times on curcumin-mediated photodynamic therapy against planktonic cultures and biofilms of <i>Candida</i> spp. <i>Archives of Oral Biology</i> , 2013, 58, 200-210.	0.8	98
3	Phototoxic effect of curcumin on methicillin-resistant <i>Staphylococcus aureus</i> and L929 fibroblasts. <i>Lasers in Medical Science</i> , 2013, 28, 391-398.	1.0	92
4	Zidovudine-loaded PLA and PLA-PEG blend nanoparticles: Influence of polymer type on phagocytic uptake by polymorphonuclear cells. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 257-267.	1.6	80
5	In vitro methods to determine the antioxidant activity of caffeic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 219, 358-366.	2.0	74
6	Flavonols from <i>Pterogyne nitens</i> and their evaluation as myeloperoxidase inhibitors. <i>Phytochemistry</i> , 2008, 69, 1739-1744.	1.4	67
7	Curcumin Pharmacokinetic and Pharmacodynamic Evidences in Streptozotocin-Diabetic Rats Support the Antidiabetic Activity to Be via Metabolite(s). <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-13.	0.5	65
8	Combined Effects of Curcumin and Lycopene or Bixin in Yoghurt on Inhibition of LDL Oxidation and Increases in HDL and Paraoxonase Levels in Streptozotocin-Diabetic Rats. <i>International Journal of Molecular Sciences</i> , 2017, 18, 332.	1.8	65
9	Piperine, a Natural Bioenhancer, Nullifies the Antidiabetic and Antioxidant Activities of Curcumin in Streptozotocin-Diabetic Rats. <i>PLoS ONE</i> , 2014, 9, e113993.	1.1	60
10	<i>Candida albicans</i> inactivation and cell membrane integrity damage by microwave irradiation. <i>Mycoses</i> , 2007, 50, 140-147.	1.8	49
11	<i>Cissus sicyoides</i> (princess vine) in the long-term treatment of streptozotocin-diabetic rats. <i>Biotechnology and Applied Biochemistry</i> , 2003, 37, 15.	1.4	47
12	Correlation among Antioxidant, Antimicrobial, Hemolytic, and Antiproliferative Properties of <i>Leiothrix spiralis</i> Leaves Extract. <i>International Journal of Molecular Sciences</i> , 2012, 13, 9260-9277.	1.8	45
13	Curcumin combined with metformin decreases glycemia and dyslipidemia, and increases paraoxonase activity in diabetic rats. <i>Diabetology and Metabolic Syndrome</i> , 2019, 11, 33.	1.2	39
14	Evaluation of toxicity after one-months treatment with <i>Bauhinia forficata</i> decoction in streptozotocin-induced diabetic rats. <i>BMC Complementary and Alternative Medicine</i> , 2004, 4, 7.	3.7	33
15	Trigonelline and curcumin alone, but not in combination, counteract oxidative stress and inflammation and increase glycation product detoxification in the liver and kidney of mice with high-fat diet-induced obesity. <i>Journal of Nutritional Biochemistry</i> , 2020, 76, 108303.	1.9	33
16	Antioxidant activity, ascorbic acid and total phenol of exotic fruits occurring in Brazil. <i>International Journal of Food Sciences and Nutrition</i> , 2009, 60, 439-448.	1.3	32
17	Topical Application of Retinyl Palmitate-Loaded Nanotechnology-Based Drug Delivery Systems for the Treatment of Skin Aging. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	32
18	Curcumin improves the effect of a reduced insulin dose on glycemic control and oxidative stress in streptozotocin-diabetic rats. <i>Phytotherapy Research</i> , 2019, 33, 976-988.	2.8	28

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19	Emodin, Physcion, and Crude Extract of <i>Rhamnus sphaerosperma</i> var. <i>pubescens</i> Induce Mixed Cell Death, Increase in Oxidative Stress, DNA Damage, and Inhibition of AKT in Cervical and Oral Squamous Carcinoma Cell Lines. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-18.	1.9	25
20	Decrease in Circulating Glucose, Insulin and Leptin Levels and Improvement in Insulin Resistance at 1 and 3 Months after Gastric Bypass. <i>Obesity Surgery</i> , 2006, 16, 1359-1364.	1.1	24
21	Horseradish Peroxidase-Catalyzed Oxidation of Rifampicin: Reaction Rate Enhancement by Co-oxidation with Anti-inflammatory Drugs. <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 1822-1826.	0.6	21
22	Involvement of cAMP/EPAC/Akt signaling in the antiproteolytic effects of pentoxifylline on skeletal muscles of diabetic rats. <i>Journal of Applied Physiology</i> , 2018, 124, 704-716.	1.2	20
23	Determinação dos valores de glicemia, insulinemia e Índice (HOMA) em escolares e adolescentes eutróficos. <i>Jornal De Pediatria</i> , 2008, 84, 136-140.	0.9	19
24	Impact of citrus flavonoid supplementation on inflammation in lipopolysaccharide-induced periodontal disease in mice. <i>Food and Function</i> , 2021, 12, 5007-5017.	2.1	17
25	Oxidation of acetylacetone catalyzed by horseradish peroxidase in the absence of hydrogen peroxide. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006, 1760, 1755-1761.	1.1	16
26	Lycopene Improves the Metformin Effects on Glycemic Control and Decreases Biomarkers of Glycooxidative Stress in Diabetic Rats. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 3117-3135.	1.1	15
27	Curcumin, Alone or in Combination with Aminoguanidine, Increases Antioxidant Defenses and Glycation Product Detoxification in Streptozotocin-Diabetic Rats: A Therapeutic Strategy to Mitigate Glycooxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-16.	1.9	14
28	Salacia campestris root bark extract: peroxidase inhibition, antioxidant and antiradical profile. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2009, 45, 99-107.	1.2	10
29	Pentoxifylline mitigates renal glycooxidative stress in obese mice by inhibiting AGE/RAGE signaling and increasing glyoxalase levels. <i>Life Sciences</i> , 2020, 258, 118196.	2.0	8
30	Phosphodiesterase 4 inhibition restrains muscle proteolysis in diabetic rats by activating PKA and EPAC/Akt effectors and inhibiting FoxO factors. <i>Life Sciences</i> , 2021, 278, 119563.	2.0	7
31	Insulin treatment reverses the increase in atrogen-1 expression in atrophied skeletal muscles of diabetic rats with acute joint inflammation. <i>Therapeutics and Clinical Risk Management</i> , 2018, Volume 14, 275-286.	0.9	3
32	Pharmacokinetic and safety evaluation of the use of ciprofloxacin on an isoniazid+rifampicin regimen in rabbits. <i>Biopharmaceutics and Drug Disposition</i> , 2012, 33, 501-509.	1.1	2
33	In vitro inhibition of protein glycation and advanced glycation end products formation by hydroethanolic extract and two fractions of <i>Simaba trichilioides</i> roots. <i>Natural Product Research</i> , 2020, 34, 2389-2393.	1.0	2
34	p-Iodophenol-enhanced luminol chemiluminescent assay applied to discrimination between acute lymphoblastic and minimally differentiated acute myeloid (FAB-M0) or acute megakaryoblastic (FAB-M7) leukemias. <i>The Hematology Journal</i> , 2004, 5, 496-499.	2.0	2
35	Siolmatra brasiliensis stem extract ameliorates antioxidant defenses and mitigates glycooxidative stress in mice with high-fat diet-induced obesity. <i>Obesity Research and Clinical Practice</i> , 2022, , .	0.8	2