

Moacir Geraldo Pizzolatti

List of Publications by Year in descending order

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66
papers

2,782
citations

186209

28
h-index

182361

51
g-index

68
all docs

68
docs citations

68
times ranked

3740
citing authors

#	ARTICLE	IF	CITATIONS
1	Flavonoids: Prospective Drug Candidates. <i>Mini-Reviews in Medicinal Chemistry</i> , 2008, 8, 1429-1440.	1.1	300
2	Hypoglycemic Effect and Antioxidant Potential of Kaempferol-3,7-O-(β -D-glucopyranoside) from <i>Bauhinia forficata</i> Leaves. <i>Journal of Natural Products</i> , 2004, 67, 829-832.	1.5	216
3	Effects of flavonoids on β -glucosidase activity: Potential targets for glucose homeostasis. <i>Nutrition</i> , 2011, 27, 1161-1167.	1.1	153
4	Analysis of the Antinociceptive Effect of the Flavonoid Myricitrin: Evidence for a Role of the L-Arginine-Nitric Oxide and Protein Kinase C Pathways. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 316, 789-796.	1.3	141
5	Insulinomimetic effects of kaempferitrin on glycaemia and on ¹⁴ C-glucose uptake in rat soleus muscle. <i>Chemico-Biological Interactions</i> , 2004, 149, 89-96.	1.7	132
6	Antinociceptive and anti-inflammatory potential of extract and isolated compounds from the leaves of <i>Salvia officinalis</i> in mice. <i>Journal of Ethnopharmacology</i> , 2012, 139, 519-526.	2.0	114
7	Acute effect of <i>Bauhinia forficata</i> on serum glucose levels in normal and alloxan-induced diabetic rats. <i>Journal of Ethnopharmacology</i> , 2002, 83, 33-37.	2.0	97
8	Flavonoids: Cellular and Molecular Mechanism of Action in Glucose Homeostasis. <i>Mini-Reviews in Medicinal Chemistry</i> , 2008, 8, 1032-1038.	1.1	83
9	Anti-allodynic property of flavonoid myricitrin in models of persistent inflammatory and neuropathic pain in mice. <i>Biochemical Pharmacology</i> , 2006, 72, 1707-1713.	2.0	72
10	Analysis of the anti-inflammatory properties of <i>Rosmarinus officinalis</i> L. in mice. <i>Food Chemistry</i> , 2011, 124, 468-475.	4.2	70
11	Anti-hyperglycemic action of apigenin-6-C- β -D-glucopyranoside from <i>Averrhoa carambola</i> . <i>Farmacoterapia</i> , 2012, 83, 1176-1183.	1.1	66
12	The mechanism of action of ursolic acid as insulin secretagogue and insulinomimetic is mediated by cross-talk between calcium and kinases to regulate glucose balance. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 51-61.	1.1	64
13	Follow-up studies on glycosylated flavonoids and their complexes with vanadium: Their anti-hyperglycemic potential role in diabetes. <i>Chemico-Biological Interactions</i> , 2006, 163, 177-191.	1.7	63
14	Mechanism of action of the stimulatory effect of apigenin-6-C-(2-O- β -D-glucopyranosyl)- β -D-glucopyranoside on ¹⁴ C-glucose uptake. <i>Chemico-Biological Interactions</i> , 2009, 179, 407-412.	1.7	62
15	Effect of crude extract and fractions from <i>Vitex megapotamica</i> leaves on hyperglycemia in alloxan-diabetic rats. <i>Journal of Ethnopharmacology</i> , 2007, 109, 151-155.	2.0	59
16	Flavonoides glicosilados das folhas e flores de <i>Bauhinia forficata</i> (Leguminosae). <i>Quimica Nova</i> , 2003, 26, 466-469.	0.3	55
17	Stimulatory effect of apigenin-6-C- β -D-glucopyranoside on insulin secretion and glycogen synthesis. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 4668-4673.	2.6	55
18	Antinociceptive properties of coumarins, steroid and dihydrostyryl-2-pyrones from <i>Polygala sabulosa</i> (Polygalaceae) in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 58, 107-112.	1.2	52

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19	Further antinociceptive effects of myricitrin in chemical models of overt nociception in mice. <i>Neuroscience Letters</i> , 2011, 495, 173-177.	1.0	49
20	Gastroprotective constituents of <i>Salvia officinalis</i> L. <i>FÄ-toterapÄ-Äç</i> , 2009, 80, 421-426.	1.1	45
21	Insulin signaling: A potential signaling pathway for the stimulatory effect of kaempferitrin on glucose uptake in skeletal muscle. <i>European Journal of Pharmacology</i> , 2013, 712, 1-7.	1.7	44
22	Synthetic derivatives of the Î±- and Î²-amyrin triterpenes and their antinociceptive properties. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 3377-3386.	1.4	43
23	Antinociceptive action of myricitrin: Involvement of the K ⁺ and Ca ²⁺ channels. <i>European Journal of Pharmacology</i> , 2007, 567, 198-205.	1.7	39
24	Involvement of p38MAPK on the antinociceptive action of myricitrin in mice. <i>Biochemical Pharmacology</i> , 2007, 74, 924-931.	2.0	38
25	Signaling pathways of kaempferol-3-neohesperidoside in glycogen synthesis in rat soleus muscle. <i>Biochimie</i> , 2009, 91, 843-849.	1.3	37
26	Anticonvulsant and anxiolytic-like effects of compounds isolated from <i>Polygala sabulosa</i> (Polygalaceae) in rodents: in vitro and in vivo interactions with benzodiazepine binding sites. <i>Psychopharmacology</i> , 2008, 197, 351-360.	1.5	32
27	Antiulcer Effect of Bark Extract of <i>Tabebuia avellaneda</i> : Activation of Cell Proliferation in Gastric Mucosa During the Healing Process. <i>Phytotherapy Research</i> , 2013, 27, 1067-1073.	2.8	32
28	Antiulcerogenic activity of bark extract of <i>Tabebuia avellaneda</i> , Lorentz ex Griseb. <i>Journal of Ethnopharmacology</i> , 2008, 118, 455-459.	2.0	30
29	Participation of dihydrosteryl-2-pyrone and steryl-2-pyrone in the central effects of <i>Polygala sabulosa</i> (Polygalaceae), a folk medicine topical anesthetic. <i>Pharmacology Biochemistry and Behavior</i> , 2007, 86, 150-161.	1.3	28
30	Betulinic acid and 1,25(OH) ₂ vitamin D ₃ share intracellular signal transduction in glucose homeostasis in soleus muscle. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 48, 18-27.	1.2	28
31	FlavonÃ³ides e triterpenos de <i>Baccharis pseudotenuifolia</i> : bioatividade sobre <i>Artemia salina</i> . <i>Quimica Nova</i> , 2003, 26, 309-311.	0.3	27
32	Steryl- and dihydrosteryl-2-pyrone derivatives from <i>Polygala sabulosa</i> . <i>Phytochemistry</i> , 2000, 55, 819-822.	1.4	26
33	Acute effect of Î²-sitosterol on calcium uptake mediates anti-inflammatory effect in murine activated neutrophils. <i>Journal of Pharmacy and Pharmacology</i> , 2012, 65, 115-122.	1.2	26
34	Analysis of the antinociceptive effect of the proanthocyanidin-rich fraction obtained from <i>Croton celtidifolius</i> barks: Evidence for a role of the dopaminergic system. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 85, 317-323.	1.3	25
35	Mechanisms Underlying the Vasorelaxant Effect Induced by Proanthocyanidin-Rich Fraction From <i>Croton celtidifolius</i> in Rat Small Resistance Arteries. <i>Journal of Pharmacological Sciences</i> , 2008, 106, 234-241.	1.1	24
36	<i>Croton antisiphiliticus</i> Mart. attenuates the inflammatory response to carrageenan-induced pleurisy in mice. <i>Inflammopharmacology</i> , 2014, 22, 115-126.	1.9	24

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37	Evaluation of the anti-inflammatory efficacy of <i>Lotus corniculatus</i> . <i>Food Chemistry</i> , 2009, 117, 444-450.	4.2	22
38	<i>Lotus corniculatus</i> Regulates the Inflammation Induced by Bradykinin in a Murine Model of Pleurisy. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 2291-2298.	2.4	22
39	Antioxidant and Hepatoprotective Effects of <i>Cyathea phalerata</i> Mart. (Cyatheaceae). <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 103, 17-24.	1.2	21
40	A new styryl-2-pyrone derivative from <i>Polygala sabulosa</i> (Polygalaceae). <i>Biochemical Systematics and Ecology</i> , 2004, 32, 603-606.	0.6	19
41	Protected effect of <i>Esenbeckia leiocarpa</i> upon the inflammatory response induced by carrageenan in a murine air pouch model. <i>International Immunopharmacology</i> , 2011, 11, 1991-1999.	1.7	19
42	Acute effect of 3 β -hidroxihop-22(29)ene on insulin secretion is mediated by GLP-1, potassium and calcium channels for the glucose homeostasis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 150, 112-122.	1.2	19
43	Systemic Administration of <i>Rosmarinus officinalis</i> Attenuates the Inflammatory Response Induced by Carrageenan in the Mouse Model of Pleurisy. <i>Planta Medica</i> , 2013, 79, 1605-1614.	0.7	18
44	Antinociceptive and gastroprotective actions of ethanolic extract from <i>Pluchea sagittalis</i> (Lam.) Cabrera. <i>Journal of Ethnopharmacology</i> , 2011, 135, 603-609.	2.0	17
45	Antinociceptive effect of <i>Croton celtidifolius</i> Baill (Euphorbiaceae). <i>Journal of Ethnopharmacology</i> , 2006, 107, 73-78.	2.0	16
46	Activation of Endothelial Nitric Oxide Synthase by Proanthocyanidin-Rich Fraction From <i>Croton celtidifolius</i> (Euphorbiaceae): Involvement of Extracellular Calcium Influx in Rat Thoracic Aorta. <i>Journal of Pharmacological Sciences</i> , 2008, 107, 181-189.	1.1	15
47	Evidence of TRPV1 receptor and PKC signaling pathway in the antinociceptive effect of amyrrin octanoate. <i>Brain Research</i> , 2009, 1295, 76-88.	1.1	15
48	Antinociceptive effect of proanthocyanidins from <i>Croton celtidifolius</i> bark. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 57, 765-771.	1.2	15
49	Inhibition of the NF- κ B and p38 MAPK pathways by scopoletin reduce the inflammation caused by carrageenan in the mouse model of pleurisy. <i>Immunopharmacology and Immunotoxicology</i> , 2016, 38, 344-352.	1.1	15
50	Cyathenosin A, a spiropyranosyl derivative of protocatechuic acid from <i>Cyathea phalerata</i> . <i>Phytochemistry</i> , 2007, 68, 1327-1330.	1.4	13
51	Cardioprotective effects of a proanthocyanidin-rich fraction from <i>Croton celtidifolius</i> Baill: Focus on atherosclerosis. <i>Food and Chemical Toxicology</i> , 2012, 50, 3769-3775.	1.8	12
52	Triterpene derivative: A potential signaling pathway for the fern-9(11)-ene-2 β ,3 β -diol on insulin secretion in pancreatic islet. <i>Life Sciences</i> , 2016, 154, 58-65.	2.0	10
53	Modulatory effect of <i>Senecio brasiliensis</i> (Spreng) Less. in a murine model of inflammation induced by carrageenan into the pleural cavity. <i>Journal of Ethnopharmacology</i> , 2015, 168, 373-379.	2.0	9
54	Bis-Pyrano Prenyl Isoflavone Improves Glucose Homeostasis by Inhibiting Dipeptidyl Peptidase-4 in Hyperglycemic Rats. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 92-103.	1.2	8

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55	Mechanisms involved in the endothelium-dependent vasodilatory effect of an ethyl acetate fraction of <i>Cyathea phalerata</i> Mart. in isolated rats'€™™ aorta rings. <i>Journal of Traditional and Complementary Medicine</i> , 2020, 10, 360-365.	1.5	8
56	Natural and Synthetic Chalcones. <i>Studies in Natural Products Chemistry</i> , 2013, , 47-89.	0.8	7
57	Phytochemical and chemotaxonomic study of <i>Polygala altomontana</i> (Polygalaceae). <i>Biochemical Systematics and Ecology</i> , 2018, 77, 1-3.	0.6	7
58	Activation of Human Neutrophils by the Anti-Inflammatory Mediator <i>Esenbeckia leiocarpa</i> Leads to Atypical Apoptosis. <i>Mediators of Inflammation</i> , 2012, 2012, 1-10.	1.4	5
59	A new xanthone as a chemical marker of four <i>Polygala</i> species (Polygalaceae). <i>Biochemical Systematics and Ecology</i> , 2018, 78, 46-48.	0.6	4
60	Fern-9(11)-ene-2,3-diol Action on Insulin Secretion under Hyperglycemic Conditions. <i>Biochemistry</i> , 2018, 57, 3894-3902.	1.2	4
61	Activation of human neutrophils by <i>Esenbeckia leiocarpa</i> : comparison between the crude hydroalcoholic extract (CHE) and an alkaloid (Alk) fraction. <i>Journal of Inflammation</i> , 2012, 9, 19.	1.5	3
62	Neuroprotective effect of the proanthocyanidin-rich fraction in experimental model of spinal cord injury. <i>Journal of Pharmacy and Pharmacology</i> , 2014, 66, 694-704.	1.2	3
63	Dihydrostyryl-2-pyrone as a chemical marker of three non-xanthone-producing <i>Polygala</i> species (Polygalaceae). <i>Biochemical Systematics and Ecology</i> , 2020, 90, 104034.	0.6	2
64	Anticoagulant effect and Constituents of <i>Baccharis illinita</i> . <i>Natural Product Communications</i> , 2006, 1, 1934578X0600100.	0.2	1
65	Psychopharmacological effects and safety of styryl-2-pyrone and dihydrostyryl-2-pyrone-rich fraction from <i>Polygala sabulosa</i> : absence of withdrawal syndrome and tolerance to anxiolytic-like and anticonvulsant effects. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 1272-1286.	1.2	1
66	Biological activity of 2,3-trihydroxyolean-12-ene on glucose homeostasis. <i>European Journal of Pharmacology</i> , 2021, 907, 174250.	1.7	1