

Maria Luisa FerrÃ¡ndiz

List of Publications by Year in descending order

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71
papers

3,405
citations

117571

34
h-index

143943

57
g-index

72
all docs

72
docs citations

72
times ranked

4455
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-inflammatory activity and inhibition of arachidonic acid metabolism by flavonoids. <i>Agents and Actions</i> , 1991, 32, 283-288.	0.7	272
2	Synthesis and anti-inflammatory activity of chalcone derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998, 8, 1169-1174.	1.0	178
3	Co-regulation between cyclo-oxygenase-2 and inducible nitric oxide synthase expression in the time-course of murine inflammation. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2000, 361, 98-106.	1.4	178
4	Influence of a series of natural flavonoids on free radical generating systems and oxidative stress. <i>Xenobiotica</i> , 1994, 24, 689-699.	0.5	163
5	Inducers of Heme Oxygenase-1. <i>Current Pharmaceutical Design</i> , 2008, 14, 473-486.	0.9	163
6	Anti-inflammatory and joint protective effects of extra-virgin olive-oil polyphenol extract in experimental arthritis. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 1275-1281.	1.9	98
7	Modification of arachidonic metabolism by flavonoids. <i>Journal of Ethnopharmacology</i> , 1987, 21, 209-229.	2.0	93
8	Deficiency of Nrf2 Accelerates the Effector Phase of Arthritis and Aggravates Joint Disease. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 889-901.	2.5	93
9	Effects of Nrf2 Deficiency on Bone Microarchitecture in an Experimental Model of Osteoporosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-9.	1.9	83
10	Impairment of mitochondrial oxidative phosphorylation in the brain of aged mice. <i>Brain Research</i> , 1994, 644, 335-338.	1.1	82
11	Avarol and avarone, two new anti-inflammatory agents of marine origin. <i>European Journal of Pharmacology</i> , 1994, 253, 75-82.	1.7	79
12	Accelerated communication: Effects of flavonoids on Naja Naja and human recombinant synovial phospholipases A2 and inflammatory responses in mice. <i>Life Sciences</i> , 1994, 54, PL333-PL338.	2.0	78
13	Treatment with a CO-releasing molecule (CORM-3) reduces joint inflammation and erosion in murine collagen-induced arthritis. <i>Annals of the Rheumatic Diseases</i> , 2007, 67, 1211-1217.	0.5	78
14	Influence of Anti-Inflammatory Flavonoids on Degranulation and Arachidonic Acid Release in Rat Neutrophils. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1994, 49, 235-240.	0.6	74
15	Role of nuclear factor- κ B and heme oxygenase-1 in the mechanism of action of an anti-inflammatory chalcone derivative in RAW 264.7 cells. <i>British Journal of Pharmacology</i> , 2004, 142, 1191-1199.	2.7	73
16	Influence of heme oxygenase 1 modulation on the progression of murine collagen-induced arthritis. <i>Arthritis and Rheumatism</i> , 2005, 52, 3230-3238.	6.7	71
17	Novel anti-inflammatory chalcone derivatives inhibit the induction of nitric oxide synthase and cyclooxygenase-2 in mouse peritoneal macrophages. <i>FEBS Letters</i> , 1999, 453, 129-134.	1.3	65
18	Effect of Bakuchiol on Leukocyte Functions and Some Inflammatory Responses in Mice. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 48, 975-980.	1.2	65

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19	Age-related increase in oxidized proteins in mouse synaptic mitochondria. Brain Research, 1996, 731, 246-248.	1.1	58
20	4-dimethylamino-3- β ,4- β -dimethoxychalcone downregulates iNOS expression and exerts anti-inflammatory effects. Free Radical Biology and Medicine, 2001, 30, 43-50.	1.3	58
21	Relevance of Nrf2 and heme oxygenase-1 in articular diseases. Free Radical Biology and Medicine, 2020, 157, 83-93.	1.3	58
22	N-Acetylcysteine protects against age-related increase in oxidized proteins in mouse synaptic mitochondria. Brain Research, 1997, 762, 256-258.	1.1	57
23	Hypothesis: Can N-acetylcysteine be beneficial in Parkinson's disease?. Life Sciences, 1999, 64, 1253-1257.	2.0	55
24	Nrf2 as a therapeutic target for rheumatic diseases. Biochemical Pharmacology, 2018, 152, 338-346.	2.0	55
25	Age-related changes in glutathione and lipid peroxide content in mouse synaptic mitochondria: Relationship to cytochrome c oxidase decline. Neuroscience Letters, 1994, 170, 121-124.	1.0	52
26	Involvement of secretory phospholipase A ₂ activity in the zymosan rat air pouch model of inflammation. British Journal of Pharmacology, 1996, 117, 1773-1779.	2.7	49
27	Carbon Monoxide-Releasing Molecules: A Pharmacological Expedient to Counteract Inflammation. Current Pharmaceutical Design, 2008, 14, 465-472.	0.9	45
28	Evaluation of the anti-inflammatory and analgesic activity of Me-UCH9, a dual cyclooxygenase-2/5-lipoxygenase inhibitor. Life Sciences, 2007, 80, 2108-2117.	2.0	42
29	A New Cacospongionolide Inhibitor of Human Secretory Phospholipase A ₂ from the Tyrrhenian Sponge <i>Fasciospongia cavernosa</i> and Absolute Configuration of Cacospongionolides. Journal of Natural Products, 1998, 61, 931-935.	1.5	41
30	Inhibition of inflammatory responses by epitaondiol and other marine natural products. Life Sciences, 1995, 57, PL25-PL30.	2.0	40
31	Inhibition of sheep platelet arachidonate metabolism by flavonoids from Spanish and Indian medicinal herbs. Die Pharmazie, 1990, 45, 206-8.	0.3	38
32	Prostaglandin D ₂ regulates joint inflammation and destruction in murine collagen-induced arthritis. Arthritis and Rheumatism, 2012, 64, 130-140.	6.7	37
33	N-Acetylcysteine protects against age-related decline of oxidative phosphorylation in liver mitochondria. European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section, 1995, 292, 333-335.	0.8	36
34	Inhibition of 5-lipoxygenase activity by the natural anti-inflammatory compound aethiopinone. Inflammation Research, 2001, 50, 96-101.	1.6	35
35	The CO-releasing molecule CORM-3 protects against articular degradation in the K/BxN serum transfer arthritis model. European Journal of Pharmacology, 2010, 634, 184-191.	1.7	35
36	Study of the antioedema activity of some seaweed and sponge extracts from the mediterranean coast in mice. Phytotherapy Research, 1993, 7, 159-162.	2.8	34

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37	Variabilin: a dual inhibitor of human secretory and cytosolic phospholipase A2 with anti-inflammatory activity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1997, 282, 123-31.	1.3	34
38	Potential role of heme oxygenase-1 in the progression of rat adjuvant arthritis. <i>Laboratory Investigation</i> , 2005, 85, 34-44.	1.7	33
39	A study of the novel anti-inflammatory agent florifenine topical anti-inflammatory activity and influence on arachidonic acid metabolism and neutrophil functions. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1995, 351, 298-304.	1.4	32
40	Targeting inflammasome by the inhibition of caspase-1 activity using capped mesoporous silica nanoparticles. <i>Journal of Controlled Release</i> , 2017, 248, 60-70.	4.8	31
41	Emerging therapeutic agents in osteoarthritis. <i>Biochemical Pharmacology</i> , 2019, 165, 4-16.	2.0	31
42	Hispidulin protection against hepatotoxicity induced by bromobenzene in mice. <i>Life Sciences</i> , 1994, 55, PL145-PL150.	2.0	30
43	Effects of phenolic compounds on bromobenzenemediated hepatotoxicity in mice. <i>Xenobiotica</i> , 1993, 23, 327-333.	0.5	29
44	Depletion of cytosolic GSH decreases the ATP levels and viability of synaptosomes from aged mice but not from young mice. <i>Mechanisms of Ageing and Development</i> , 1995, 84, 77-81.	2.2	29
45	Phenylsulphonyl urenyl chalcone derivatives as dual inhibitors of cyclo-oxygenase-2 and 5-lipoxygenase. <i>Life Sciences</i> , 2006, 78, 2911-2918.	2.0	28
46	Suppression of leukotriene B4 and tumour necrosis factor α release in acute inflammatory responses by novel prenylated hydroquinone derivatives. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1998, 357, 565-572.	1.4	24
47	Anti-inflammatory activity in mice of extracts from mediterranean marine invertebrates. <i>Life Sciences</i> , 1998, 62, PL115-PL120.	2.0	24
48	Chondroprotective effects of the combination chondroitin sulfate-glucosamine in a model of osteoarthritis induced by anterior cruciate ligament transection in ovariectomised rats. <i>Biomedicine and Pharmacotherapy</i> , 2016, 79, 120-128.	2.5	24
49	Tumour necrosis factor production in a rat airpouch model of inflammation: Role of eicosanoids. <i>Agents and Actions</i> , 1991, 32, 289-294.	0.7	22
50	Inhibition of phospholipase A2 activities and some inflammatory responses by the marine product ircinin. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1996, 354, 677-683.	1.4	19
51	Influence of age on osteoarthritis progression after anterior cruciate ligament transection in rats. <i>Experimental Gerontology</i> , 2014, 55, 44-48.	1.2	18
52	Paracrine in vivo inhibitory effects of adipose tissue-derived mesenchymal stromal cells in the early stages of the acute inflammatory response. <i>Cytotherapy</i> , 2015, 17, 1230-1239.	0.3	16
53	Inhibition of human sPLA2 and 5-lipoxygenase activities by two neo-clerodane diterpenoids. <i>Life Sciences</i> , 1999, 64, PL205-PL211.	2.0	15
54	Analysis of early biochemical markers and regulation by tin protoporphyrin IX in a model of spontaneous osteoarthritis. <i>Experimental Gerontology</i> , 2012, 47, 406-409.	1.2	15

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55	Downregulation of the Inflammatory Response by CORM-3 Results in Protective Effects in a Model of Postmenopausal Arthritis. <i>Calcified Tissue International</i> , 2012, 91, 69-80.	1.5	13
56	Effects of coumarin derivatives on superoxide anion generation. <i>Arzneimittelforschung</i> , 1993, 43, 655-8.	0.5	12
57	Inhibition of inflammatory responses by a series of novel dolabrane derivatives. <i>European Journal of Pharmacology</i> , 1996, 312, 97-105.	1.7	11
58	Effect of imidazo[1,2- λ]pyrimidine derivatives on leukocyte function. <i>Inflammation Research</i> , 2001, 50, 317-320.	1.6	11
59	Regulation of the inflammatory response by tin protoporphyrin IX in the rat anterior cruciate ligament transection model of osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2011, 29, 1375-1382.	1.2	11
60	Heme Oxygenase-1 Regulates the Progression of K/BxN Serum Transfer Arthritis. <i>PLoS ONE</i> , 2012, 7, e52435.	1.1	11
61	Effect of some hexahydroimidazo[1,2-c]pyrimidines in inflammatory responses involving leucocytes and macrophages. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 53, 1379-1385.	1.2	10
62	Effects of BIS076 in a model of osteoarthritis induced by anterior cruciate ligament transection in ovariectomised rats. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 92.	0.8	9
63	Effects of some isoxazolpyrimidine derivatives on nitric oxide and eicosanoid biosynthesis. <i>Life Sciences</i> , 2000, 66, PL125-PL131.	2.0	8
64	Osteostatin Inhibits Collagen-Induced Arthritis by Regulation of Immune Activation, Pro-Inflammatory Cytokines, and Osteoclastogenesis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3845.	1.8	8
65	Anti-Inflammatory Activity of a Flavone from <i>Sideritis leucantha</i> . <i>Planta Medica</i> , 1986, 52, 541-541.	0.7	7
66	Up-Regulation of the Inflammatory Response by Ovariectomy in Collagen-Induced Arthritis. Effects of Tin Protoporphyrin IX. <i>Inflammation</i> , 2011, 34, 585-596.	1.7	7
67	Topical Anti-Inflammatory Activity of some Mediterranean Marine Species. <i>Planta Medica</i> , 1992, 58, 483-483.	0.7	6
68	Glucose deprivation increases aspartic acid release from synaptosomes of aged mice. <i>Brain Research</i> , 1995, 673, 149-152.	1.1	6
69	Myeloid Heme Oxygenase-1 Regulates the Acute Inflammatory Response to Zymosan in the Mouse Air Pouch. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-8.	1.9	5
70	Flavonoid inhibition of soybean lipoxygenase. <i>Die Pharmazie</i> , 1986, 41, 299-300.	0.3	3
71	Antinociceptive activity of filenadol on inflammatory pain. <i>Life Sciences</i> , 1995, 57, PL181-PL186.	2.0	2