Maria Jose Alcaraz

List of Publications by Year
in descending order

78 papers	10,824 citations	109137 35 h-index	69108 77 g-index
80 all docs	80 docs citations	80 times ranked	17588 citing authors

#	Article	IF	Citations
1	Extracellular Vesicles Do Not Mediate the Anti-Inflammatory Actions of Mouse-Derived Adipose Tissue Mesenchymal Stem Cells Secretome. International Journal of Molecular Sciences, 2021, 22, 1375.	1.8	9
2	Role of peroxiredoxin 6 in the chondroprotective effects of microvesicles from human adipose tissue-derived mesenchymal stem cells. Journal of Orthopaedic Translation, 2021, 30, 61-69.	1.9	19
3	Evaluation of Extracellular Vesicles from Adipose Tissue-Derived Mesenchymal Stem Cells in Primary Human Chondrocytes from Patients with Osteoarthritis. Methods in Molecular Biology, 2021, 2269, 221-231.	0.4	3
4	New potential therapeutic approaches targeting synovial fibroblasts in rheumatoid arthritis. Biochemical Pharmacology, 2021, 194, 114815.	2.0	8
5	Extracellular Vesicles from Mesenchymal Stem Cells as Novel Treatments for Musculoskeletal Diseases. Cells, 2020, 9, 98.	1.8	56
6	Relevance of Nrf2 and heme oxygenase-1 in articular diseases. Free Radical Biology and Medicine, 2020, 157, 83-93.	1.3	58
7	Pharmacological modulation of redox signaling pathways in disease. Free Radical Biology and Medicine, 2020, 157, 1-2.	1.3	1
8	Osteostatin Inhibits Collagen-Induced Arthritis by Regulation of Immune Activation, Pro-Inflammatory Cytokines, and Osteoclastogenesis. International Journal of Molecular Sciences, 2019, 20, 3845.	1.8	8
9	Emerging therapeutic agents in osteoarthritis. Biochemical Pharmacology, 2019, 165, 4-16.	2.0	31
10	Transcription Factor NRF2 as a Therapeutic Target for Chronic Diseases: A Systems Medicine Approach. Pharmacological Reviews, 2018, 70, 348-383.	7.1	441
11	Nrf2 as a therapeutic target for rheumatic diseases. Biochemical Pharmacology, 2018, 152, 338-346.	2.0	55
12	Extracellular vesicles: A new therapeutic strategy for joint conditions. Biochemical Pharmacology, 2018, 153, 134-146.	2.0	35
13	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. Journal of Extracellular Vesicles, 2018, 7, 1535750.	5.5	6,961
14	Microvesicles from Human Adipose Tissue-Derived Mesenchymal Stem Cells as a New Protective Strategy in Osteoarthritic Chondrocytes. Cellular Physiology and Biochemistry, 2018, 47, 11-25.	1.1	167
15	Myeloid Heme Oxygenase-1 Regulates the Acute Inflammatory Response to Zymosan in the Mouse Air Pouch. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-8.	1.9	5
16	Targeting inflammasome by the inhibition of caspase-1 activity using capped mesoporous silica nanoparticles. Journal of Controlled Release, 2017, 248, 60-70.	4.8	31
17	<i>Ex Vivo</i> Tracking of Endogenous CO with a Ruthenium(II) Complex. Journal of the American Chemical Society, 2017, 139, 18484-18487.	6.6	74
18	Extracellular Vesicles from Adipose-Derived Mesenchymal Stem Cells Downregulate Senescence Features in Osteoarthritic Osteoblasts. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-12.	1.9	109

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19	Anti-senescence and Anti-inflammatory Effects of the C-terminal Moiety of PTHrP Peptides in OA Osteoblasts. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 72, glw100.	1.7	7
20	Chondroprotective effects of the combination chondroitin sulfate-glucosamine in a model of osteoarthritis induced by anterior cruciate ligament transection in ovariectomised rats. Biomedicine and Pharmacotherapy, 2016, 79, 120-128.	2.5	24
21	Oxidative stress, autophagy, epigenetic changes and regulation by miRNAs as potential therapeutic targets in osteoarthritis. Biochemical Pharmacology, 2016, 108, 1-10.	2.0	124
22	Adverse Effects of Diabetes Mellitus on the Skeleton of Aging Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 290-299.	1.7	10
23	Paracrine effects of human adipose-derived mesenchymal stem cells in inflammatory stress-induced senescence features of osteoarthritic chondrocytes. Aging, 2016, 8, 1703-1717.	1.4	54
24	Effects of BIS076 in a model of osteoarthritis induced by anterior cruciate ligament transection in ovariectomised rats. BMC Musculoskeletal Disorders, 2015, 16, 92.	0.8	9
25	Paracrine inÂvivo inhibitory effects of adipose tissueâ€“derived mesenchymal stromal cells in the early stages of the acute inflammatory response. Cytotherapy, 2015, 17, 1230-1239.	0.3	16
26	Effects of Nrf2 Deficiency on Bone Microarchitecture in an Experimental Model of Osteoporosis. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-9.	1.9	83
27	Influence of age on osteoarthritis progression after anterior cruciate ligament transection in rats. Experimental Gerontology, 2014, 55, 44-48.	1.2	18
28	Anti-inflammatory and joint protective effects of extra-virgin olive-oil polyphenol extract in experimental arthritis. Journal of Nutritional Biochemistry, 2014, 25, 1275-1281.	1.9	98
29	Current perspectives on parathyroid hormone (PTH) and PTH-related protein (PTHrP) as bone anabolic therapies. Biochemical Pharmacology, 2013, 85, 1417-1423.	2.0	94
30	Haem oxygenase-1 induction reverses the actions of interleukin-1Î² on hypoxia-inducible transcription factors and human chondrocyte metabolism in hypoxia. Clinical Science, 2013, 125, 99-108.	1.8	22
31	Conditioned Media from Adipose-Tissue-Derived Mesenchymal Stem Cells Downregulate Degradative Mediators Induced by Interleukin-1<i>Î²</i>in Osteoarthritic Chondrocytes. Mediators of Inflammation, 2013, 2013, 1-10.	1.4	63
32	Antioxidant and Antiinflammatory Properties of Heme Oxygenase-1 in Osteoarthritic Articular Cells. , 2013, , 199-222.		0
33	Novel Phosphoramidate Prodrugs of <i>N-</i>Acetyl-(<scp>d</scp>)-Glucosamine with Antidegenerative Activity on Bovine and Human Cartilage Explants. Journal of Medicinal Chemistry, 2012, 55, 4629-4639.	2.9	41
34	Heme Oxygenase-1 Regulates the Progression of K/BxN Serum Transfer Arthritis. PLoS ONE, 2012, 7, e52435.	1.1	11
35	Haem oxygenase-1 counteracts the effects of interleukin-1Î² on inflammatory and senescence markers in cartilageâ€“subchondral bone explants from osteoarthritic patients. Clinical Science, 2012, 122, 239-251.	1.8	23
36	Downregulation of the Inflammatory Response by CORM-3 Results in Protective Effects in a Model of Postmenopausal Arthritis. Calcified Tissue International, 2012, 91, 69-80.	1.5	13

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37	Analysis of early biochemical markers and regulation by tin protoporphyrin IX in a model of spontaneous osteoarthritis. Experimental Gerontology, 2012, 47, 406-409.	1.2	15
38	Heme oxygenase-1 mediates protective effects on inflammatory, catabolic and senescence responses induced by interleukin-1Î² in osteoarthritic osteoblasts. Biochemical Pharmacology, 2012, 83, 395-405.	2.0	49
39	Prostaglandin D₂ regulates joint inflammation and destruction in murine collagenâ€induced arthritis. Arthritis and Rheumatism, 2012, 64, 130-140.	6.7	37
40	Up-Regulation of the Inflammatory Response by Ovariectomy in Collagen-Induced Arthritis. Effects of Tin Protoporphyrin IX. Inflammation, 2011, 34, 585-596.	1.7	7
41	Regulation of the inflammatory response by tin protoporphyrin IX in the rat anterior cruciate ligament transection model of osteoarthritis. Journal of Orthopaedic Research, 2011, 29, 1375-1382.	1.2	11
42	Deficiency of Nrf2 Accelerates the Effector Phase of Arthritis and Aggravates Joint Disease. Antioxidants and Redox Signaling, 2011, 15, 889-901.	2.5	93
43	Control of Cell Migration and Inflammatory Mediators Production by CORM-2 in Osteoarthritic Synoviocytes. PLoS ONE, 2011, 6, e24591.	1.1	24
44	New molecular targets for the treatment of osteoarthritis. Biochemical Pharmacology, 2010, 80, 13-21.	2.0	118
45	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
46	High mobility group box 1 potentiates the pro-inflammatory effects of interleukin-1Î² in osteoarthritic synoviocytes. Arthritis Research and Therapy, 2010, 12, R165.	1.6	95
47	Heme oxygenase-1 induction modulates microsomal prostaglandin E synthase-1 expression and prostaglandin E2 production in osteoarthritic chondrocytes. Biochemical Pharmacology, 2009, 77, 1806-1813.	2.0	39
48	The Carbon Monoxide-Releasing Molecule Tricarbonyldichlororuthenium(II) Dimer Protects Human Osteoarthritic Chondrocytes and Cartilage from the Catabolic Actions of Interleukin-1Î². Journal of Pharmacology and Experimental Therapeutics, 2008, 325, 56-61.	1.3	19
49	Carbon Monoxide-Releasing Molecules: A Pharmacological Expedient to Counteract Inflammation. Current Pharmaceutical Design, 2008, 14, 465-472.	0.9	45
50	The carbon monoxide-releasing molecule CORM-2 inhibits the inflammatory response induced by cytokines in Caco-2 cells. British Journal of Pharmacology, 2007, 150, 977-986.	2.7	101
51	Heme oxygenase-1 inhibits apoptosis in Caco-2 cells via activation of Akt pathway. International Journal of Biochemistry and Cell Biology, 2006, 38, 1510-1517.	1.2	91
52	Pharmacodynamic properties of methotrexate and AminotrexateTM during weekly therapy. Cancer Chemotherapy and Pharmacology, 2006, 57, 826-834.	1.1	29
53	Flavonoids fromArtemisia copawith Anti-Inflammatory Activity. Planta Medica, 2006, 72, 72-74.	0.7	68
54	Marine sponge metabolites for the control of inflammatory diseases. Current Opinion in Investigational Drugs, 2006, 7, 974-9.	2.3	6

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55	Potential role of heme oxygenase-1 in the progression of rat adjuvant arthritis. Laboratory Investigation, 2005, 85, 34-44.	1.7	33
56	Protection against 2,4,6-trinitrobenzenesulphonic acid-induced colonic inflammation in mice by the marine products bolinaquinone and petrosaspongiolide M. Biochemical Pharmacology, 2005, 69, 1433-1440.	2.0	37
57	Influence of heme oxygenase 1 modulation on the progression of murine collagen-induced arthritis. Arthritis and Rheumatism, 2005, 52, 3230-3238.	6.7	71
58	Role of nuclear factor-Îº B and heme oxygenase-1 in the mechanism of action of an anti-inflammatory chalcone derivative in RAW 264.7 cells. British Journal of Pharmacology, 2004, 142, 1191-1199.	2.7	73
59	A novel cyclo-oxygenase-2 inhibitor modulates catabolic and antiinflammatory mediators in osteoarthritis. Biochemical Pharmacology, 2004, 68, 417-421.	2.0	17
60	A novel indazolo-triazolo-benzotriazepine exerts anti-inflammatory effects by inhibition of cyclooxygenase-2 activity and nitric oxide synthase-2 expression. Naunyn-Schmiedeberg's Archives of Pharmacology, 2003, 368, 26-32.	1.4	9
61	Heme oxygenase-1 induction and regulation in unstimulated mouse peritoneal macrophages. Biochemical Pharmacology, 2003, 65, 905-909.	2.0	13
62	Inhibition of the NF-ÎºB signaling pathway mediates the anti-inflammatory effects of petrosaspongiolide M. Biochemical Pharmacology, 2003, 65, 887-895.	2.0	32
63	Expression of heme oxygenase-1 and regulation by cytokines in human osteoarthritic chondrocytes. Biochemical Pharmacology, 2003, 66, 2049-2052.	2.0	54
64	Cacospongionolide B suppresses the expression of inflammatory enzymes and tumour necrosis factor-Î± by inhibiting nuclear factor-Îº B activation. British Journal of Pharmacology, 2003, 138, 1571-1579.	2.7	32
65	Beneficial Effects of Heme Oxygenase-1 Up-Regulation in the Development of Experimental Inflammation Induced by Zymosan. Journal of Pharmacology and Experimental Therapeutics, 2003, 307, 1030-1037.	1.3	57
66	Anti-Inflammatory Actions of the Heme Oxygenase-1 Pathway. Current Pharmaceutical Design, 2003, 9, 2541-2551.	0.9	215
67	Heme oxygenase-1 induction by nitric oxide in RAW 264.7 macrophages is upregulated by a cyclo-oxygenase-2 inhibitor. Biochimica Et Biophysica Acta - General Subjects, 2001, 1526, 13-16.	1.1	28
68	Inhibition of 5-lipoxygenase activity by the natural anti-inflammatory compound aethiopinone. Inflammation Research, 2001, 50, 96-101.	1.6	35
69	Modulation of haem oxygenase-1 expression by nitric oxide and leukotrienes in zymosan-activated macrophages. British Journal of Pharmacology, 2001, 133, 920-926.	2.7	33
70	4-dimethylamino-3â€²,4â€²-dimethoxychalcone downregulates iNOS expression and exerts anti-inflammatory effects. Free Radical Biology and Medicine, 2001, 30, 43-50.	1.3	58
71	Enhanced expression of haem oxygenase-1 by nitric oxide and antiinflammatory drugs in NIH 3T3 fibroblasts. British Journal of Pharmacology, 2000, 130, 57-64.	2.7	33
72	Novel anti-inflammatory chalcone derivatives inhibit the induction of nitric oxide synthase and cyclooxygenase-2 in mouse peritoneal macrophages. FEBS Letters, 1999, 453, 129-134.	1.3	65

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73	Inhibition of inflammatory responses by a series of novel dolabrane derivatives. European Journal of Pharmacology, 1996, 312, 97-105.	1.7	11
74	Antioxidant Profile of Mono-and Dihydroxylated Flavone Derivatives in Free Radical Generating Systems. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1995, 50, 552-560.	0.6	29
75	Influence of Anti-Inflammatory Flavonoids on Degranulation and Arachidonic Acid Release in Rat Neutrophils. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1994, 49, 235-240.	0.6	74
76	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
77	Iron-reducing and free-radical-scavenging properties of apomorphine and some related benzylisoquinolines. Free Radical Biology and Medicine, 1993, 15, 159-167.	1.3	53
78	Antioxidant activity of flavonoids from Sideritis javalambrensis. Phytochemistry, 1992, 31, 1947-1950.	1.4	65