

M Carmen Montesinos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8043437/publications.pdf>

Version: 2024-02-01

46
papers

4,271
citations

218677

26
h-index

233421

45
g-index

46
all docs

46
docs citations

46
times ranked

3749
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic Up-Regulation of Vascular Endothelial Growth Factor Expression in Murine Macrophages by Adenosine A2A Receptor Agonists and Endotoxin. <i>American Journal of Pathology</i> , 2002, 160, 2231-2244.	3.8	440
2	Adenosine A2A Receptor Activation Promotes Wound Neovascularization by Stimulating Angiogenesis and Vasculogenesis. <i>American Journal of Pathology</i> , 2004, 164, 1887-1892.	3.8	369
3	Adenosine A2A Receptor Stimulation Increases Angiogenesis by Down-Regulating Production of the Antiangiogenic Matrix Protein Thrombospondin 1. <i>Molecular Pharmacology</i> , 2005, 67, 1406-1413.	2.3	369
4	Methotrexate and sulfasalazine promote adenosine release by a mechanism that requires ecto-5'-nucleotidase-mediated conversion of adenine nucleotides.. <i>Journal of Clinical Investigation</i> , 1998, 101, 295-300.	8.2	241
5	Inflammatory Cytokines Regulate Function and Expression of Adenosine A2A Receptors in Human Monocytic THP-1 Cells. <i>Journal of Immunology</i> , 2001, 167, 4026-4032.	0.8	223
6	Adenosine A2A receptors play a role in the pathogenesis of hepatic cirrhosis. <i>British Journal of Pharmacology</i> , 2006, 148, 1144-1155.	5.4	209
7	Adenosine Promotes Wound Healing and Mediates Angiogenesis in Response to Tissue Injury Via Occupancy of A2A Receptors. <i>American Journal of Pathology</i> , 2002, 160, 2009-2018.	3.8	202
8	Adenosine A2A or A3 receptors are required for inhibition of inflammation by methotrexate and its analog MX-68. <i>Arthritis and Rheumatism</i> , 2003, 48, 240-247.	6.7	187
9	Salicylates and sulfasalazine, but not glucocorticoids, inhibit leukocyte accumulation by an adenosine-dependent mechanism that is independent of inhibition of prostaglandin synthesis and p105 of NF- κ B. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 6377-6381.	7.1	185
10	Wound Healing Is Accelerated by Agonists of Adenosine A2 (G β s-linked) Receptors. <i>Journal of Experimental Medicine</i> , 1997, 186, 1615-1620.	8.5	183
11	Reversal of the antiinflammatory effects of methotrexate by the nonselective adenosine receptor antagonists theophylline and caffeine: Evidence that the antiinflammatory effects of methotrexate are mediated via multiple adenosine receptors in rat adjuvant arthritis. <i>Arthritis and Rheumatism</i> , 2000, 43, 656.	6.7	171
12	The antiinflammatory mechanism of methotrexate depends on extracellular conversion of adenine nucleotides to adenosine by ecto-5'-nucleotidase: Findings in a study of ecto-5'-nucleotidase gene-deficient mice. <i>Arthritis and Rheumatism</i> , 2007, 56, 1440-1445.	6.7	131
13	Th1 Cytokines Regulate Adenosine Receptors and Their Downstream Signaling Elements in Human Microvascular Endothelial Cells. <i>Journal of Immunology</i> , 2003, 171, 3991-3998.	0.8	126
14	Microneedle-Based Delivery: An Overview of Current Applications and Trends. <i>Pharmaceutics</i> , 2020, 12, 569.	4.5	123
15	Adenosine A2A receptors in diffuse dermal fibrosis: Pathogenic role in human dermal fibroblasts and in a murine model of scleroderma. <i>Arthritis and Rheumatism</i> , 2006, 54, 2632-2642.	6.7	122
16	Adenosine receptor agonists for promotion of dermal wound healing. <i>Biochemical Pharmacology</i> , 2009, 77, 1117-1124.	4.4	90
17	Adenosine A2 Receptor Occupancy Regulates Stimulated Neutrophil Function via Activation of a Serine/Threonine Protein Phosphatase. <i>Journal of Biological Chemistry</i> , 1996, 271, 17114-17118.	3.4	88
18	NF- κ B and STAT3 Inhibition as a Therapeutic Strategy in Psoriasis: In Vitro and In Vivo Effects of BTH. <i>Journal of Investigative Dermatology</i> , 2013, 133, 2362-2371.	0.7	85

#	ARTICLE	IF	CITATIONS
19	Adenosine A2A receptor occupancy stimulates expression of proteins involved in reverse cholesterol transport and inhibits foam cell formation in macrophages. <i>Journal of Leukocyte Biology</i> , 2004, 76, 727-734.	3.3	70
20	Immune complexes and IFN- γ decrease cholesterol 27-hydroxylase in human arterial endothelium and macrophages. <i>Journal of Lipid Research</i> , 2001, 42, 1913-1922.	4.2	70
21	Adenosine A2A receptor agonists promote more rapid wound healing than recombinant human platelet-derived growth factor (Becaplermin gel). <i>Inflammation</i> , 2002, 26, 19-24.	3.8	67
22	Suppression of inflammation by low-dose methotrexate is mediated by adenosine A2A receptor but not A3 receptor activation in thioglycollate-induced peritonitis. <i>Arthritis Research and Therapy</i> , 2006, 8, R53.	3.5	66
23	Apremilast, a novel phosphodiesterase 4 (PDE4) inhibitor, regulates inflammation through multiple cAMP downstream effectors. <i>Arthritis Research and Therapy</i> , 2015, 17, 249.	3.5	63
24	Iron-reducing and free-radical-scavenging properties of apomorphine and some related benzylisoquinolines. <i>Free Radical Biology and Medicine</i> , 1993, 15, 159-167.	2.9	53
25	Sites of action for future therapy: an adenosine-dependent mechanism by which aspirin retains its antiinflammatory activity in cyclooxygenase-2 and NF- κ B knockout mice. <i>Osteoarthritis and Cartilage</i> , 1999, 7, 361-363.	1.3	49
26	Antioxidant Profile of Mono- and Dihydroxylated Flavone Derivatives in Free Radical Generating Systems. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1995, 50, 552-560.	1.4	29
27	Genetically based resistance to the antiinflammatory effects of methotrexate in the air-pouch model of acute inflammation. <i>Arthritis and Rheumatism</i> , 2005, 52, 2567-2575.	6.7	27
28	Antioxidant Action of Benzylisoquinoline Alkaloids. <i>Free Radical Research Communications</i> , 1993, 18, 167-175.	1.8	26
29	Adenosine A2A and A2B Receptors Differentially Modulate Keratinocyte Proliferation: Possible Deregulation in Psoriatic Epidermis. <i>Journal of Investigative Dermatology</i> , 2017, 137, 123-131.	0.7	24
30	Medicinal Plants and Natural Products as Potential Sources for Antiparkinson Drugs. <i>Planta Medica</i> , 2016, 82, 942-951.	1.3	22
31	Defective Induction of COX-2 Expression by Psoriatic Fibroblasts Promotes Pro-inflammatory Activation of Macrophages. <i>Frontiers in Immunology</i> , 2019, 10, 536.	4.8	22
32	Promotion of Wound Healing by an Agonist of Adenosine A2A Receptor Is Dependent on Tissue Plasminogen Activator. <i>Inflammation</i> , 2015, 38, 2036-2041.	3.8	20
33	Topical application of the adenosine A _{2A} receptor agonist CGS-21680 prevents phorbol- α -induced epidermal hyperplasia and inflammation in mice. <i>Experimental Dermatology</i> , 2014, 23, 555-560.	2.9	19
34	Potential antipsoriatic effect of chondroitin sulfate through inhibition of NF- κ B and STAT3 in human keratinocytes. <i>Pharmacological Research</i> , 2013, 70, 20-26.	7.1	18
35	An Interaction Between Genetic Factors and Gender Determines the Magnitude of the Inflammatory Response in the Mouse Air Pouch Model of Acute Inflammation. <i>Inflammation</i> , 2005, 29, 1-7.	3.8	15
36	Cyanocobalamin Ultraflexible Lipid Vesicles: Characterization and In Vitro Evaluation of Drug-Skin Depth Profiles. <i>Pharmaceutics</i> , 2021, 13, 418.	4.5	15

#	ARTICLE	IF	CITATIONS
37	β ² -Adrenoceptors differentially regulate vascular tone and angiogenesis of rat aorta via ERK1/2 and p38. <i>Vascular Pharmacology</i> , 2014, 61, 80-89.	2.1	12
38	Annexin A2-Mediated Plasminogen Activation in Endothelial Cells Contributes to the Proangiogenic Effect of Adenosine A2A Receptors. <i>Frontiers in Pharmacology</i> , 2021, 12, 654104.	3.5	10
39	Decreased <sc>SAPK</sc>/<sc>JNK</sc> signalling affects cytokine release and <sc>STAT</sc>3 activation in psoriatic fibroblasts. <i>Experimental Dermatology</i> , 2015, 24, 800-802.	2.9	7
40	Methodological Approach to Use Fresh and Cryopreserved Vessels as Tools to Analyze Pharmacological Modulation of the Angiogenic Growth. <i>Journal of Cardiovascular Pharmacology</i> , 2016, 68, 230-240.	1.9	6
41	Effect of Benzylisoquinoline Alkaloids on Oxygen Radicals Production. <i>Planta Medica</i> , 1991, 57, A49-A50.	1.3	4
42	Improved effectiveness from individualized dosing of self-administered biologics for the treatment of moderate-to-severe psoriasis: a 5-year retrospective chart review from a Spanish University Hospital. <i>Journal of Dermatological Treatment</i> , 2020, 31, 370-377.	2.2	4
43	Superoxide Scavenging Properties of Phenolic Acids. <i>Planta Medica</i> , 1991, 57, A54-A54.	1.3	3
44	Activation of the Constitutive Androstane Receptor Inhibits Leukocyte Adhesiveness to Dysfunctional Endothelium. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9267.	4.1	3
45	Stimulation of Wound Revascularization by Adenosine Receptor Activation. , 2010, , 95-112.		2
46	Adenosine mediates the antiinflammatory effects of methotrexate as well as its toxicities. <i>Drug Development Research</i> , 2001, 52, 394-396.	2.9	1