

# 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

218381

26  
h-index

233125

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.   | 1.9 | 440       |
| 2  | Adenosine A2A Receptor Activation Promotes Wound Neovascularization by Stimulating Angiogenesis and Vasculogenesis. <i>American Journal of Pathology</i> , 2004, 164, 1887-1892.  | 1.9 | 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.   | 1.0 | 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.  | 3.9 | 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.   | 0.4 | 223       |
| 6  | Adenosine A2A receptors play a role in the pathogenesis of hepatic cirrhosis. <i>British Journal of Pharmacology</i> , 2006, 148, 1144-1155.  | 2.7 | 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.  | 1.9 | 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- $\kappa$ B. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 6377-6381. | 3.3 | 185       |
| 10 | Wound Healing Is Accelerated by Agonists of Adenosine A2 (G $\beta$ s-linked) Receptors. <i>Journal of Experimental Medicine</i> , 1997, 186, 1615-1620.  | 4.2 | 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.   | 0.4 | 126       |
| 14 | Microneedle-Based Delivery: An Overview of Current Applications and Trends. <i>Pharmaceutics</i> , 2020, 12, 569.   | 2.0 | 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.   | 2.0 | 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.   | 1.6 | 88        |
| 18 | NF- $\kappa$ 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.  | 0.3 | 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.                    | 1.5 | 70        |
| 20 | Immune complexes and IFN- $\gamma$ decrease cholesterol 27-hydroxylase in human arterial endothelium and macrophages. <i>Journal of Lipid Research</i> , 2001, 42, 1913-1922.   | 2.0 | 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.  | 1.7 | 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.                    | 1.6 | 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.   | 1.6 | 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.   | 1.3 | 53        |
| 25 | Sites of action for future therapy: an adenosine-dependent mechanism by which aspirin retains its antiinflammatory activity in cyclooxygenase-2 and NF- $\kappa$ B knockout mice. <i>Osteoarthritis and Cartilage</i> , 1999, 7, 361-363. | 0.6 | 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.                                     | 0.6 | 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.                                       | 0.3 | 24        |
| 30 | Medicinal Plants and Natural Products as Potential Sources for Antiparkinson Drugs. <i>Planta Medica</i> , 2016, 82, 942-951.   | 0.7 | 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.   | 2.2 | 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.   | 1.7 | 20        |
| 33 | Topical application of the adenosine A <sub>2A</sub> receptor agonist CGS-21680 prevents phorbol- $\alpha$ -induced epidermal hyperplasia and inflammation in mice. <i>Experimental Dermatology</i> , 2014, 23, 555-560.                  | 1.4 | 19        |
| 34 | Potential antipsoriatic effect of chondroitin sulfate through inhibition of NF- $\kappa$ B and STAT3 in human keratinocytes. <i>Pharmacological Research</i> , 2013, 70, 20-26.   | 3.1 | 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.  | 1.7 | 15        |
| 36 | Cyanocobalamin Ultraflexible Lipid Vesicles: Characterization and In Vitro Evaluation of Drug-Skin Depth Profiles. <i>Pharmaceutics</i> , 2021, 13, 418.  | 2.0 | 15        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | β <sup>2</sup> -Adrenoceptors differentially regulate vascular tone and angiogenesis of rat aorta via ERK1/2 and p38. <i>Vascular Pharmacology</i> , 2014, 61, 80-89.   | 1.0 | 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.  | 1.6 | 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.   | 1.4 | 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.  | 0.8 | 6         |
| 41 | Effect of Benzylisoquinoline Alkaloids on Oxygen Radicals Production. <i>Planta Medica</i> , 1991, 57, A49-A50.   | 0.7 | 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. | 1.1 | 4         |
| 43 | Superoxide Scavenging Properties of Phenolic Acids. <i>Planta Medica</i> , 1991, 57, A54-A54.   | 0.7 | 3         |
| 44 | Activation of the Constitutive Androstane Receptor Inhibits Leukocyte Adhesiveness to Dysfunctional Endothelium. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9267.   | 1.8 | 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.  | 1.4 | 1         |