

Janet Dawson

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,619
citations

361413

20
h-index

434195

31
g-index

32
all docs

32
docs citations

32
times ranked

2928
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | GPR91 senses extracellular succinate released from inflammatory macrophages and exacerbates rheumatoid arthritis. <i>Journal of Experimental Medicine</i> , 2016, 213, 1655-1662. | 8.5 | 337 |
| 2 | Serum Amyloid A (apoSAA) Expression Is Up-Regulated in Rheumatoid Arthritis and Induces Transcription of Matrix Metalloproteinases. <i>Journal of Immunology</i> , 2001, 166, 2801-2807. | 0.8 | 141 |
| 3 | Targeting monocyte chemoattractant protein-1 signalling in disease. <i>Expert Opinion on Therapeutic Targets</i> , 2003, 7, 35-48. | 3.4 | 126 |
| 4 | Deficiency of MALT1 Paracaspase Activity Results in Unbalanced Regulatory and Effector T and B Cell Responses Leading to Multiorgan Inflammation. <i>Journal of Immunology</i> , 2015, 194, 3723-3734. | 0.8 | 123 |
| 5 | Discovery of LOU064 (Remibrutinib), a Potent and Highly Selective Covalent Inhibitor of Bruton's Tyrosine Kinase. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 5102-5118. | 6.4 | 92 |
| 6 | A natural ligand for the orphan receptor GPR15 modulates lymphocyte recruitment to epithelia. <i>Science Signaling</i> , 2017, 10, . | 3.6 | 76 |
| 7 | Macrophage infiltration into the rat knee detected by MRI in a model of antigen-induced arthritis. <i>Magnetic Resonance in Medicine</i> , 2003, 49, 1047-1055. | 3.0 | 69 |
| 8 | Fluorescent Nanoprobes as a Biomarker for Increased Vascular Permeability: Implications in Diagnosis and Treatment of Cancer and Inflammation. <i>Bioconjugate Chemistry</i> , 2010, 21, 93-101. | 3.6 | 63 |
| 9 | Pharmacological inhibition of ROR γ t suppresses the Th17 pathway and alleviates arthritis in vivo. <i>PLoS ONE</i> , 2017, 12, e0188391. | 2.5 | 54 |
| 10 | Anti-hyperalgesic activity of the cox-2 inhibitor lumiracoxib in a model of bone cancer pain in the rat. <i>Pain</i> , 2004, 107, 33-40. | 4.2 | 46 |
| 11 | The critical role of kinase activity of interleukin-1 receptor-associated kinase 4 in animal models of joint inflammation. <i>Arthritis and Rheumatism</i> , 2009, 60, 1661-1671. | 6.7 | 46 |
| 12 | Retinoic-acid-orphan-receptor-C inhibition suppresses Th17 cells and induces thymic aberrations. <i>JCI Insight</i> , 2017, 2, e91127. | 5.0 | 46 |
| 13 | The monoclonal antibody MEL-14 can block lymphocyte migration into a site of chronic inflammation. <i>European Journal of Immunology</i> , 1992, 22, 1647-1650. | 2.9 | 41 |
| 14 | High-resolution three-dimensional magnetic resonance imaging for the investigation of knee joint damage during the time course of antigen-induced arthritis in rabbits. <i>Arthritis and Rheumatism</i> , 1999, 42, 119-128. | 6.7 | 37 |
| 15 | In vivo and in vitro SAR of tetracyclic MAPKAP-K2 (MK2) inhibitors. Part II. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 4719-4723. | 2.2 | 30 |
| 16 | CYCLOSPORIN A INHIBITS THE IN VIVO PRODUCTION OF INTERLEUKIN-1 β AND TUMOUR NECROSIS FACTOR α , BUT NOT INTERLEUKIN-6, BY A T-CELL-INDEPENDENT MECHANISM. <i>Cytokine</i> , 1996, 8, 882-888. | 3.2 | 29 |
| 17 | Transient targeting of phosphoinositide 3-kinase acts as a roadblock in mast cells' route to allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 959-968. | 2.9 | 29 |
| 18 | Feasibility and physiological relevance of designing highly potent aminopeptidase-sparing leukotriene A4 hydrolase inhibitors. <i>Scientific Reports</i> , 2017, 7, 13591. | 3.3 | 28 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Synthesis and Biological Evaluation of New Triazolo- and Imidazolopyridine ROR ¹ Inverse Agonists. ChemMedChem, 2016, 11, 2640-2648. | 3.2 | 26 |
| 20 | Nondepleting anti-CD4 and soluble interleukin-1 receptor prevent autoimmune destruction of syngeneic islet grafts in diabetic NOD mice. Transplantation, 2002, 74, 611-619. | 1.0 | 25 |
| 21 | Discovery of LYS006, a Potent and Highly Selective Inhibitor of Leukotriene A ₄ Hydrolase. Journal of Medicinal Chemistry, 2021, 64, 1889-1903. | 6.4 | 23 |
| 22 | Optimizing a Weakly Binding Fragment into a Potent ROR ¹ Inverse Agonist with Efficacy in an in Vivo Inflammation Model. Journal of Medicinal Chemistry, 2018, 61, 6724-6735. | 6.4 | 22 |
| 23 | Design and synthesis of potent and orally active GPR4 antagonists with modulatory effects on nociception, inflammation, and angiogenesis. Bioorganic and Medicinal Chemistry, 2017, 25, 4512-4525. | 3.0 | 20 |
| 24 | Pathophysiological Consequences of a Break in S1P1-Dependent Homeostasis of Vascular Permeability Revealed by S1P1 Competitive Antagonism. PLoS ONE, 2016, 11, e0168252. | 2.5 | 17 |
| 25 | Targeting interleukin-4 to the arthritic joint. Journal of Controlled Release, 2020, 326, 172-180. | 9.9 | 17 |
| 26 | Structure-Based and Property-Driven Optimization of <i>N</i> -Aryl Imidazoles toward Potent and Selective Oral ROR ¹ Inhibitors. Journal of Medicinal Chemistry, 2019, 62, 10816-10832. | 6.4 | 15 |
| 27 | Design of Potent and Selective Covalent Inhibitors of Bruton's Tyrosine Kinase Targeting an Inactive Conformation. ACS Medicinal Chemistry Letters, 2019, 10, 1467-1472. | 2.8 | 15 |
| 28 | Inhibition of the Inositol Kinase Itpkb Augments Calcium Signaling in Lymphocytes and Reveals a Novel Strategy to Treat Autoimmune Disease. PLoS ONE, 2015, 10, e0131071. | 2.5 | 15 |
| 29 | Could rheumatoid arthritis have an infectious aetiology?. Drug Discovery Today Disease Mechanisms, 2005, 2, 345-349. | 0.8 | 5 |
| 30 | Degenerative joint disease induced by repeated intra-articular injections of monosodium urate crystals in rats as investigated by translational imaging. Scientific Reports, 2022, 12, 157. | 3.3 | 4 |
| 31 | Nonhematopoietic IRAK1 drives arthritis via neutrophil chemoattractants. JCI Insight, 2022, 7, . | 5.0 | 2 |
| 32 | Cantharidin-Induced Skin Blister as an In Vivo Model of Inflammation. Current Protocols, 2021, 1, e49. | 2.9 | 0 |