

James D Clark

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47
papers

4,597
citations

27
h-index

48
g-index

48
ext. papers

5,073
ext. citations

9.2
avg, IF

4.72
L-index

#	Paper	IF	Citations
47	A novel arachidonic acid-selective cytosolic PLA2 contains a Ca(2+)-dependent translocation domain with homology to PKC and GAP. <i>Cell</i> , 1991 , 65, 1043-51	56.2	1552
46	Cytosolic phospholipase A2. <i>Journal of Lipid Mediators and Cell Signalling</i> , 1995 , 12, 83-117		432
45	Discovery and development of Janus kinase (JAK) inhibitors for inflammatory diseases. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 5023-38	8.3	313
44	Crystal structure of human cytosolic phospholipase A2 reveals a novel topology and catalytic mechanism. <i>Cell</i> , 1999 , 97, 349-60	56.2	304
43	The mechanism of action of tofacitinib - an oral Janus kinase inhibitor for the treatment of rheumatoid arthritis. <i>Clinical and Experimental Rheumatology</i> , 2016 , 34, 318-28	2.2	155
42	Parsing the Interferon Transcriptional Network and Its Disease Associations. <i>Cell</i> , 2016 , 164, 564-78	56.2	151
41	Cytosolic phospholipase A2alpha-deficient mice are resistant to collagen-induced arthritis. <i>Journal of Experimental Medicine</i> , 2003 , 197, 1297-302	16.6	129
40	Cytosolic phospholipase A2 alpha-deficient mice are resistant to experimental autoimmune encephalomyelitis. <i>Journal of Experimental Medicine</i> , 2005 , 202, 841-51	16.6	120
39	Solution structure and membrane interactions of the C2 domain of cytosolic phospholipase A2. <i>Journal of Molecular Biology</i> , 1998 , 280, 485-500	6.5	109
38	Independent folding and ligand specificity of the C2 calcium-dependent lipid binding domain of cytosolic phospholipase A2. <i>Journal of Biological Chemistry</i> , 1998 , 273, 1365-72	5.4	101
37	Tofacitinib attenuates pathologic immune pathways in patients with psoriasis: A randomized phase 2 study. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 1079-1090	11.5	89
36	Discovery of a JAK3-Selective Inhibitor: Functional Differentiation of JAK3-Selective Inhibition over pan-JAK or JAK1-Selective Inhibition. <i>ACS Chemical Biology</i> , 2016 , 11, 3442-3451	4.9	85
35	Indole cytosolic phospholipase A2 alpha inhibitors: discovery and in vitro and in vivo characterization of 4-{3-[5-chloro-2-(2-[(3,4-dichlorobenzyl)sulfonyl]amino)ethyl)-1-(diphenylmethyl)-1H-indol-3-yl]propyl}benzoic acid, efipladib. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 3388-413	8.3	70
34	Discovery of Ecipladib, an indole inhibitor of cytosolic phospholipase A2alpha. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 1380-400	8.3	70
33	Selective functional inhibition of JAK-3 is sufficient for efficacy in collagen-induced arthritis in mice. <i>Arthritis and Rheumatism</i> , 2010 , 62, 2283-93		68
32	Pharmacologic inhibition of tpl2 blocks inflammatory responses in primary human monocytes, synoviocytes, and blood. <i>Journal of Biological Chemistry</i> , 2007 , 282, 33295-33304	5.4	66
31	Trifluoromethyl ketones and methyl fluorophosphonates as inhibitors of group IV and VI phospholipases A(2): structure-function studies with vesicle, micelle, and membrane assays. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999 , 1420, 45-56	3.8	63

30	Inhibition of cytosolic phospholipase A2alpha: hit to lead optimization. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 135-58	8.3	61
29	Identification of N-{cis-3-[Methyl(7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino]cyclobutyl}propane-1-sulfonamide (PF-04965842): A Selective JAK1 Clinical Candidate for the Treatment of Autoimmune Diseases. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 1428-1450	8.3	57
28	Dual Inhibition of TYK2 and JAK1 for the Treatment of Autoimmune Diseases: Discovery of ((S)-2,2-Difluorocyclopropyl)((1 R,5 S)-3-(2-((1-methyl-1 H-pyrazol-4-yl)amino)pyrimidin-4-yl)-3,8-diazabicyclo[3.2.1]octan-8-yl)methanone (PF-06700841). <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 8597-8612	8.3	54
27	Blockade of cytosolic phospholipase A2 alpha prevents experimental autoimmune encephalomyelitis and diminishes development of Th1 and Th17 responses. <i>Journal of Neuroimmunology</i> , 2008 , 204, 29-37	3.5	53
26	Characterization of Ca ²⁺ -dependent phospholipase A2 activity during zebrafish embryogenesis. <i>Journal of Biological Chemistry</i> , 1999 , 274, 19338-46	5.4	49
25	A fluorescence-based assay for fatty acid amide hydrolase compatible with high-throughput screening. <i>Analytical Biochemistry</i> , 2005 , 343, 143-51	3.1	48
24	Network pharmacology of JAK inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 9852-7	11.5	44
23	Malate synthase: proof of a stepwise Claisen condensation using the double-isotope fractionation test. <i>Biochemistry</i> , 1988 , 27, 5961-71	3.2	40
22	Benzenesulfonamide indole inhibitors of cytosolic phospholipase A2alpha: optimization of in vitro potency and rat pharmacokinetics for oral efficacy. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 1345-58	3.4	29
21	Potential therapeutic uses of phospholipase A2 inhibitors. <i>Expert Opinion on Therapeutic Patents</i> , 2004 , 14, 937-950	6.8	27
20	Benzhydrylquinazoliniones: novel cytosolic phospholipase A2alpha inhibitors with improved physicochemical properties. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 4383-405	3.4	26
19	Preclinical evaluation of an inhibitor of cytosolic phospholipase A2 for the treatment of asthma. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012 , 340, 656-65	4.7	26
18	Molecular and Cellular Responses to the TYK2/JAK1 Inhibitor PF-06700841 Reveal Reduction of Skin Inflammation in Plaque Psoriasis. <i>Journal of Investigative Dermatology</i> , 2020 , 140, 1546-1555.e4	4.3	21
17	Variants within STAT genes reveal association with anticitrullinated protein antibody-negative rheumatoid arthritis in 2 European populations. <i>Journal of Rheumatology</i> , 2012 , 39, 1509-16	4.1	21
16	Evaluation of the Short-, Mid-, and Long-Term Effects of Tofacitinib on Lymphocytes in Patients With Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2019 , 71, 685-695	9.5	21
15	The balance of expression of PTPN22 splice forms is significantly different in rheumatoid arthritis patients compared with controls. <i>Genome Medicine</i> , 2012 , 4, 2	14.4	20
14	Structure-activity relationships of indole cytosolic phospholipase A(2)alpha inhibitors: substrate mimetics. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003 , 13, 4501-4	2.9	20
13	Discovery of Tyrosine Kinase 2 (TYK2) Inhibitor (PF-06826647) for the Treatment of Autoimmune Diseases. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 13561-13577	8.3	19

12	1,2,4-Oxadiazolidin-3,5-diones and 1,3,5-triazin-2,4,6-triones as cytosolic phospholipase A2alpha inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 2978-81	2.9	17
11	Reversibility of peripheral blood leukocyte phenotypic and functional changes after exposure to and withdrawal from tofacitinib, a Janus kinase inhibitor, in healthy volunteers. <i>Clinical Immunology</i> , 2018 , 191, 10-20	9	15
10	Reactions of functionalized sulfonamides: application to lowering the lipophilicity of cytosolic phospholipase A2alpha inhibitors. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 1156-71	8.3	12
9	Cytosolic phospholipase A2 blockade abrogates disease during the tissue-damage effector phase of experimental autoimmune encephalomyelitis by its action on APCs. <i>Journal of Immunology</i> , 2011 , 187, 1986-97	5.3	10
8	Effect of perzinfotel and a proprietary phospholipase A(2) inhibitor on kinetic gait and subjective lameness scores in dogs with sodium urate-induced synovitis. <i>American Journal of Veterinary Research</i> , 2011 , 72, 757-63	1.1	7
7	Thermodynamic characterization of cytosolic phospholipase A2 alpha inhibitors. <i>Analytical Biochemistry</i> , 2008 , 383, 217-25	3.1	7
6	A human CXCL13-induced actin polymerization assay measured by fluorescence plate reader. <i>Assay and Drug Development Technologies</i> , 2010 , 8, 73-84	2.1	5
5	Demonstration of In Vitro to In Vivo Translation of a TYK2 Inhibitor That Shows Cross Species Potency Differences. <i>Scientific Reports</i> , 2020 , 10, 8974	4.9	4
4	The cPLA2 inhibitor efipladib decreases nociceptive responses without affecting PGE2 levels in the cerebral spinal fluid. <i>Neuropharmacology</i> , 2011 , 60, 633-41	5.5	4
3	Design and optimization of a series of 4-(3-azabicyclo[3.1.0]hexan-3-yl)pyrimidin-2-amines: Dual inhibitors of TYK2 and JAK1. <i>Bioorganic and Medicinal Chemistry</i> , 2020 , 28, 115481	3.4	3
2	The expression of splice forms for the rheumatoid arthritis risk associated gene PTPN22 is significantly different for patients compared to controls. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, A56.1-A56	2.4	
1	Utility of cytosolic phospholipase A2[cPLA2] inhibitors in the treatment of asthma. <i>Progress in Respiratory Research</i> , 2010 , 207-212		