

# John Westwick

## List of Publications by Year in descending order

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67  
papers

4,609  
citations

101543

36  
h-index

98798

67  
g-index

68  
all docs

68  
docs citations

68  
times ranked

5360  
citing authors

#	ARTICLE	IF	CITATIONS
1	IL-33-Dependent Type 2 Inflammation during Rhinovirus-induced Asthma Exacerbations <i>In Vivo</i> . American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1373-1382.	5.6	500
2	Chemokines and T Lymphocytes. Immunity, 1998, 9, 1-11.	14.3	401
3	Rhinovirus-induced IL-25 in asthma exacerbation drives type 2 immunity and allergic pulmonary inflammation. Science Translational Medicine, 2014, 6, 256ra134.	12.4	280
4	A Novel Murine Model of Severe Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 1171-1182.	5.6	231
5	Chemokines: understanding their role in T-lymphocyte biology. Biochemical Journal, 1998, 333, 457-470.	3.7	202
6	The CC Chemokine Monocyte Chemoattractant Peptide-1 Activates both the Class I p85/p110 Phosphatidylinositol 3-Kinase and the Class II PI3K-C21. Journal of Biological Chemistry, 1998, 273, 25987-25995.	3.4	163
7	Expression of functional CXCR4 chemokine receptors on human colonic epithelial cells. Journal of Clinical Investigation, 1999, 104, 1061-1069.	8.2	156
8	Human Vascular Smooth Muscle Cells Express Receptors for CC Chemokines. Arteriosclerosis, Thrombosis, and Vascular Biology, 1998, 18, 397-403.	2.4	135
9	Ligation of CD28 receptor by B7 induces formation of D-3 phosphoinositides in T lymphocytes independently of T cell receptor/CD3 activation. European Journal of Immunology, 1993, 23, 2572-2577.	2.9	119
10	Cytokines Contribute to Airway Dysfunction in Antigen-challenged Guinea Pigs: Inhibition of Airway Hyperreactivity, Pulmonary Eosinophil Accumulation, and Tumor Necrosis Factor Generation by Pretreatment with an Interleukin-1 Receptor Antagonist. American Journal of Respiratory Cell and Molecular Biology, 1993, 8, 365-369.	2.9	111
11	A Comprehensive Evaluation of Nasal and Bronchial Cytokines and Chemokines Following Experimental Rhinovirus Infection in Allergic Asthma: Increased Interferons (IFN- $\gamma$ and IFN- $\lambda$ ) and Type 2 Inflammation (IL-5 and IL-13). EBioMedicine, 2017, 19, 128-138.	6.1	102
12	Expression of Transient Receptor Potential C6 and Related Transient Receptor Potential Family Members in Human Airway Smooth Muscle and Lung Tissue. American Journal of Respiratory Cell and Molecular Biology, 2004, 30, 145-154.	2.9	91
13	Chemokine production by human vascular smooth muscle cells: modulation by IL-13. British Journal of Pharmacology, 1997, 122, 749-757.	5.4	90
14	Activation of Human TRPC6 Channels by Receptor Stimulation. Journal of Biological Chemistry, 2004, 279, 22047-22056.	3.4	84
15	Cytokine-activated human mesangial cells generate the neutrophil chemoattractant, interleukin 8. Kidney International, 1991, 40, 86-90.	5.2	81
16	Cytokine-induced Apoptosis in Epithelial HT-29 Cells Is Independent of Nitric Oxide Formation. Journal of Biological Chemistry, 1999, 274, 17193-17201.	3.4	80
17	Evidence for two platelet activating factor receptors on eosinophils: Dissociation between PAF-induced intracellular calcium mobilization and superoxides anion generation in eosinophils. Biochemical and Biophysical Research Communications, 1989, 162, 511-521.	2.1	75
18	Inhibition of CD28-mediated T cell costimulation by the phosphoinositide 3-kinase inhibitor wortmannin. European Journal of Immunology, 1995, 25, 526-532.	2.9	75

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19	Activation of Phosphatidylinositol 3-Kinase by Interleukin-13. Journal of Biological Chemistry, 1997, 272, 12626-12633.	3.4	75
20	Phosphoinositide Lipid Phosphatases: Natural Regulators of Phosphoinositide 3-Kinase Signaling in T Lymphocytes. Journal of Biological Chemistry, 2008, 283, 2465-2469.	3.4	75
21	IL-1 receptor antagonist inhibits monocyte chemotactic peptide 1 generation by human mesangial cells. Kidney International, 1992, 42, 95-101.	5.2	74
22	Inducible nitric oxide synthase activity and expression in a human colonic epithelial cell line, HT-29. British Journal of Pharmacology, 1995, 116, 2866-2872.	5.4	72
23	Airway inflammation: chemokine-induced neutrophilia and the class I phosphoinositide 3-kinases. European Journal of Immunology, 2005, 35, 1283-1291.	2.9	70
24	Receptor-operated Ca <sup>2+</sup> influx channels in leukocytes: a therapeutic target?. Trends in Pharmacological Sciences, 2002, 23, 63-70.	8.7	66
25	Transient receptor potential (TRP) channels as potential drug targets in respiratory disease. Cell Calcium, 2003, 33, 551-558.	2.4	66
26	The effects of an anti-IL-13 mAb on cytokine levels and nasal symptoms following nasal allergen challenge. Journal of Allergy and Clinical Immunology, 2011, 128, 800-807.e9.	2.9	59
27	C-X-C and C-C chemokine expression and secretion by the human colonic epithelial cell line, HT-29: differential effect of T lymphocyte-derived cytokines. European Journal of Immunology, 1999, 29, 530-536.	2.9	58
28	Imatinib Attenuates Hypoxia-induced Pulmonary Arterial Hypertension Pathology via Reduction in 5-Hydroxytryptamine through Inhibition of Tryptophan Hydroxylase 1 Expression. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 78-89.	5.6	58
29	Activation of protein kinase C inhibits sodium fluoride-induced elevation of human platelet cytosolic free calcium and thromboxane B <sub>2</sub> generation. Biochemical and Biophysical Research Communications, 1986, 136, 381-389.	2.1	57
30	Regulation and expression of chemokines: potential role in glomerulonephritis. Journal of Leukocyte Biology, 1996, 59, 75-80.	3.3	55
31	Expression of Transient Receptor Potential C6 Channels in Human Lung Macrophages. American Journal of Respiratory Cell and Molecular Biology, 2010, 43, 296-304.	2.9	55
32	INTERLEUKIN 8 AND MONOCYTE CHEMOATTRACTANT PROTEIN 1 PRODUCTION BY CULTURED HUMAN AIRWAY SMOOTH MUSCLE CELLS. Cytokine, 1998, 10, 346-352.	3.2	44
33	Characterization of platelet-activating factor-induced elevation of cytosolic free calcium concentration in eosinophils. FEBS Letters, 1989, 243, 41-46.	2.8	42
34	Endothelin induces an increase in renal vascular resistance and a fall in glomerular filtration rate in the rabbit isolated perfused kidney. British Journal of Pharmacology, 1989, 98, 155-160.	5.4	41
35	PI3K $\beta$ is the dominant isoform involved in migratory responses of human T lymphocytes: Effects of ex vivo maintenance and limitations of non-viral delivery of siRNA. Cellular Signalling, 2007, 19, 2528-2539.	3.6	39
36	Interleukin-1-induced IL-8 and IL-6 gene expression and production in human mesangial cells is differentially regulated by cAMP. Kidney International, 1995, 48, 1767-1777.	5.2	33

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37	Essential role of phosphoinositide 3-kinase gamma in eosinophil chemotaxis within acute pulmonary inflammation. <i>Immunology</i> , 2009, 126, 413-422.	4.4	33
38	Tyrosine-kinase activity in rabbit platelets stimulated with platelet-activating factor. The effect of inhibiting tyrosine kinase with genistein on platelet-signal-molecule elevation and functional responses. <i>FEBS Journal</i> , 1993, 216, 639-651.	0.2	31
39	Interleukin-8 production by the human colon epithelial cell line HT-29: modulation by interleukin-13. <i>British Journal of Pharmacology</i> , 1996, 119, 351-359.	5.4	31
40	Anti-Inflammatory Actions of Interleukin-13. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999, 20, 1007-1012.	2.9	28
41	Cyclosporin therapy <i>in vivo</i> attenuates the response to vasodilators in the isolated perfused kidney of the rabbit. <i>British Journal of Pharmacology</i> , 1989, 98, 463-468.	5.4	26
42	Antibody ligation of CD7 leads to association with phosphoinositide 3-kinase and phosphatidylinositol 3,4,5-trisphosphate formation in T lymphocytes. <i>European Journal of Immunology</i> , 1995, 25, 502-507.	2.9	24
43	Heterologous regulation of chemokine receptor signaling by the lipid phosphatase SHIP in lymphocytes. <i>Cellular Signalling</i> , 2005, 17, 1194-1202.	3.6	24
44	Differential effects of protein kinase C inhibitors on chemokine production in human synovial fibroblasts. <i>British Journal of Pharmacology</i> , 1996, 117, 1245-1253.	5.4	23
45	Effect of corticosteroids on nitric oxide production in inflammatory bowel disease: are leukocytes the site of action?. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, G261-G267.	3.4	22
46	Evidence for PI3K-dependent CXCR3 agonist-induced degranulation of human cord blood-derived mast cells. <i>Molecular Immunology</i> , 2010, 47, 2367-2377.	2.2	21
47	Evidence That the Lipid Phosphatase SHIP-1 Regulates T Lymphocyte Morphology and Motility. <i>Journal of Immunology</i> , 2011, 186, 4936-4945.	0.8	21
48	Inhibition by staurosporine of mitogen-induced calcium mobilisation in human T lymphoblasts. <i>FEBS Letters</i> , 1988, 239, 363-366.	2.8	20
49	Therapeutic scope of modulation of non-voltage-gated cation channels. <i>Drug Discovery Today</i> , 2005, 10, 129-137.	6.4	20
50	A role for protein phosphorylation in modulating Ca <sup>2+</sup> elevation in rabbit platelets treated with thapsigargin. <i>Biochemical Journal</i> , 1996, 313, 83-89.	3.7	16
51	Sat-Nav for T cells: Role of PI3K isoforms and lipid phosphatases in migration of T lymphocytes. <i>Immunology Letters</i> , 2011, 138, 15-18.	2.5	16
52	Endothelin-1 in the rabbit: interactions with cyclooxygenase and NO-synthase products. <i>British Journal of Pharmacology</i> , 1993, 108, 838-843.	5.4	15
53	Nicotinic acetylcholine receptors in primary cultures of hippocampal neurons: pharmacology and Ca <sup>++</sup> permeability. <i>Biochemical Society Transactions</i> , 1994, 22, 294S-294S.	3.4	15
54	L-Arginine/Nitric Oxide Pathway: A Possible Signal Transduction Mechanism for the Regulation of the Chemokine IL-8 in Human Mesangial Cells. <i>Advances in Experimental Medicine and Biology</i> , 1993, 351, 65-75.	1.6	15

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55	Genetic ablation of PI3K $\beta$ results in defective IL-17RA signalling in T lymphocytes and increased IL-17 levels. European Journal of Immunology, 2012, 42, 3394-3404.	2.9	14
56	D-myo-Inositol 1,4,5-Trisphosphate Analogues Modified at the 3-Position Inhibit Phosphatidylinositol 3-Kinase. Journal of Biological Chemistry, 1995, 270, 12075-12084.	3.4	12
57	Identification of a Novel Allosteric Inhibitory Site on Tryptophan Hydroxylase 1 Enabling Unprecedented Selectivity Over all Related Hydroxylases. Frontiers in Pharmacology, 2017, 8, 240.	3.5	12
58	Evidence that a kinase distinct from protein kinase C and phosphatidylinositol 3-kinase mediates ligation-dependent serine/threonine phosphorylation of the T-lymphocyte co-stimulatory molecule CD28. Biochemical Journal, 1997, 326, 249-257.	3.7	11
59	A role for RANTES in T lymphocyte proliferation. Biochemical Society Transactions, 1996, 24, 93S-93S.	3.4	10
60	Calcium release activity and metabolism of inositol 1,4,5-trisphosphate in T cells. Modulation by novel inositol 1,4,5-trisphosphate 5-phosphatase inhibitors. FEBS Journal, 1994, 222, 515-523.	0.2	6
61	A role for phosphoinositide 3 - kinase in RANTES induced chemotaxis of T lymphocytes. Biochemical Society Transactions, 1995, 23, 283S-283S.	3.4	6
62	The phosphoinositide 3-kinase inhibitor wortmannin inhibits CD28-mediated T cell co-stimulation. Biochemical Society Transactions, 1995, 23, 282S-282S.	3.4	5
63	Stimulation of signal transduction pathways by MCP-1 in human monocytes and THP-1 cells. Biochemical Society Transactions, 1996, 24, 69S-69S.	3.4	3
64	Stimulation of tyrosine phosphorylation and phosphatidylinositol 3-kinase by MCP-1 in THP-1 cells. Biochemical Society Transactions, 1997, 25, 216S-216S.	3.4	3
65	Human Mesangial Cell-Derived Interleukin 8 and Interleukin 6: Modulation by an Interleukin 1 Receptor Antagonist. Advances in Experimental Medicine and Biology, 1991, 305, 137-145.	1.6	3
66	Stimulation of platelets with platelet-activating factor induces changes in the subcellular distribution and activity of the tyrosine kinase pp60. Biochemical Society Transactions, 1995, 23, 194S-194S.	3.4	1
67	Characterisation of a Serine/Threonine Kinase Which Mediates CD28 Phosphorylation Following Activation By B7.1. Biochemical Society Transactions, 1996, 24, 87S-87S.	3.4	0