

Ian M Adcock

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.

490
papers

29,420
citations

89
h-index

153
g-index

603
ext. papers

34,115
ext. citations

6.6
avg, IF

7.11
L-index

#	Paper	IF	Citations
490	International ERS/ATS guidelines on definition, evaluation and treatment of severe asthma. <i>European Respiratory Journal</i> , 2014 , 43, 343-73	13.6	2057
489	Decreased histone deacetylase activity in chronic obstructive pulmonary disease. <i>New England Journal of Medicine</i> , 2005 , 352, 1967-76	59.2	769
488	Glucocorticoid resistance in inflammatory diseases. <i>Lancet, The</i> , 2009 , 373, 1905-17	40	726
487	Glucocorticoid receptor recruitment of histone deacetylase 2 inhibits interleukin-1beta-induced histone H4 acetylation on lysines 8 and 12. <i>Molecular and Cellular Biology</i> , 2000 , 20, 6891-903	4.8	614
486	Anti-inflammatory actions of steroids: molecular mechanisms. <i>Trends in Pharmacological Sciences</i> , 1993 , 14, 436-41	13.2	600
485	Histone deacetylase 2-mediated deacetylation of the glucocorticoid receptor enables NF-kappaB suppression. <i>Journal of Experimental Medicine</i> , 2006 , 203, 7-13	16.6	506
484	A molecular mechanism of action of theophylline: Induction of histone deacetylase activity to decrease inflammatory gene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 8921-6	11.5	400
483	Theophylline restores histone deacetylase activity and steroid responses in COPD macrophages. <i>Journal of Experimental Medicine</i> , 2004 , 200, 689-95	16.6	373
482	Evidence for involvement of NF-kappaB in the transcriptional control of COX-2 gene expression by IL-1beta. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 237, 28-32	3.4	354
481	p38 Mitogen-activated protein kinase-induced glucocorticoid receptor phosphorylation reduces its activity: role in steroid-insensitive asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2002 , 109, 649-57	11.5	340
480	Increased expression of nuclear factor-kappaB in bronchial biopsies from smokers and patients with COPD. <i>European Respiratory Journal</i> , 2002 , 20, 556-63	13.6	337
479	Corticosteroid resistance in chronic obstructive pulmonary disease: inactivation of histone deacetylase. <i>Lancet, The</i> , 2004 , 363, 731-3	40	316
478	Oxidative stress reduces histone deacetylase 2 activity and enhances IL-8 gene expression: role of tyrosine nitration. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 315, 240-5	3.4	308
477	Update on glucocorticoid action and resistance. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 117, 522-43	11.5	305
476	Clinical and inflammatory characteristics of the European U-BIOPRED adult severe asthma cohort. <i>European Respiratory Journal</i> , 2015 , 46, 1308-21	13.6	292
475	Positional cloning of a novel gene influencing asthma from chromosome 2q14. <i>Nature Genetics</i> , 2003 , 35, 258-63	36.3	283
474	Targeting phosphoinositide-3-kinase-delta with theophylline reverses corticosteroid insensitivity in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 897-904	10.2	269

473	Positional cloning of a quantitative trait locus on chromosome 13q14 that influences immunoglobulin E levels and asthma. <i>Nature Genetics</i> , 2003 , 34, 181-6	36.3	263
472	Expression and activity of histone deacetylases in human asthmatic airways. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002 , 166, 392-6	10.2	257
471	Oxidative stress-induced mitochondrial dysfunction drives inflammation and airway smooth muscle remodeling in patients with chronic obstructive pulmonary disease. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 136, 769-80	11.5	241
470	T helper type 17-related cytokine expression is increased in the bronchial mucosa of stable chronic obstructive pulmonary disease patients. <i>Clinical and Experimental Immunology</i> , 2009 , 157, 316-24	6.2	239
469	Cross-talk between pro-inflammatory transcription factors and glucocorticoids. <i>Immunology and Cell Biology</i> , 2001 , 79, 376-84	5	233
468	How do corticosteroids work in asthma?. <i>Annals of Internal Medicine</i> , 2003 , 139, 359-70	8	225
467	Relative corticosteroid insensitivity of peripheral blood mononuclear cells in severe asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 174, 134-41	10.2	224
466	Histone acetylase and deacetylase activity in alveolar macrophages and blood monocytes in asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 170, 141-7	10.2	211
465	Inhibition of PI3Kdelta restores glucocorticoid function in smoking-induced airway inflammation in mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 179, 542-8	10.2	197
464	Rhinovirus infection induces degradation of antimicrobial peptides and secondary bacterial infection in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 186, 1117-24	10.2	191
463	Glucocorticoid receptor nuclear translocation in airway cells after inhaled combination therapy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 172, 704-12	10.2	191
462	Effects of glucocorticoids on gene transcription. <i>European Journal of Pharmacology</i> , 2004 , 500, 51-62	5.3	190
461	New targets for drug development in asthma. <i>Lancet, The</i> , 2008 , 372, 1073-87	40	189
460	T-helper cell type 2 (Th2) and non-Th2 molecular phenotypes of asthma using sputum transcriptomics in U-BIOPRED. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	187
459	Management of severe asthma: a European Respiratory Society/American Thoracic Society guideline. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	185
458	Molecular mechanisms of corticosteroid resistance. <i>Chest</i> , 2008 , 134, 394-401	5.3	184
457	NF-kappa B: a pivotal role in asthma and a new target for therapy. <i>Trends in Pharmacological Sciences</i> , 1997 , 18, 46-50	13.2	179
456	Chronic obstructive pulmonary disease and lung cancer: new molecular insights. <i>Respiration</i> , 2011 , 81, 265-84	3.7	175

455	Application of Omics technologies to biomarker discovery in inflammatory lung diseases. <i>European Respiratory Journal</i> , 2013 , 42, 802-25	13.6	174
454	Epigenetic regulation of airway inflammation. <i>Current Opinion in Immunology</i> , 2007 , 19, 694-700	7.8	172
453	Defective glucocorticoid receptor nuclear translocation and altered histone acetylation patterns in glucocorticoid-resistant patients. <i>Journal of Allergy and Clinical Immunology</i> , 2004 , 113, 1100-8	11.5	166
452	HDAC inhibitors as anti-inflammatory agents. <i>British Journal of Pharmacology</i> , 2007 , 150, 829-31	8.6	165
451	U-BIOPRED clinical adult asthma clusters linked to a subset of sputum omics. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 1797-1807	11.5	163
450	Update on Neutrophil Function in Severe Inflammation. <i>Frontiers in Immunology</i> , 2018 , 9, 2171	8.4	159
449	TGFbeta1 allele association with asthma severity. <i>Human Genetics</i> , 2001 , 109, 623-7	6.3	155
448	MicroRNA expression profiling in mild asthmatic human airways and effect of corticosteroid therapy. <i>PLoS ONE</i> , 2009 , 4, e5889	3.7	153
447	NF-kappaB and activator protein 1 response elements and the role of histone modifications in IL-1beta-induced TGF-beta1 gene transcription. <i>Journal of Immunology</i> , 2006 , 176, 603-15	5.3	148
446	Cellular and molecular mechanisms in chronic obstructive pulmonary disease: an overview. <i>Clinical and Experimental Allergy</i> , 2004 , 34, 1156-67	4.1	148
445	Treatment effects of low-dose theophylline combined with an inhaled corticosteroid in COPD. <i>Chest</i> , 2010 , 137, 1338-44	5.3	147
444	Nuclear localisation of p65 in sputum macrophages but not in sputum neutrophils during COPD exacerbations. <i>Thorax</i> , 2003 , 58, 348-51	7.3	146
443	Corticosteroid-insensitive asthma: molecular mechanisms. <i>Journal of Endocrinology</i> , 2003 , 178, 347-55	4.7	142
442	The transcriptional co-activators CREB-binding protein (CBP) and p300 play a critical role in cardiac hypertrophy that is dependent on their histone acetyltransferase activity. <i>Journal of Biological Chemistry</i> , 2003 , 278, 6838-47	5.4	139
441	Differential I kappa B kinase activation and I kappa B alpha degradation by interleukin-1 beta and tumor necrosis factor-alpha in human U937 monocytic cells. Evidence for additional regulatory steps in kappa B-dependent transcription. <i>Journal of Biological Chemistry</i> , 1999 , 274, 19965-72	5.4	138
440	Systems medicine and integrated care to combat chronic noncommunicable diseases. <i>Genome Medicine</i> , 2011 , 3, 43	14.4	137
439	Functional effects of the microbiota in chronic respiratory disease. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 907-920	35.1	133
438	Oxidative stress-induced antibodies to carbonyl-modified protein correlate with severity of chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 184, 796-802	10.2	133

437	MicroRNA-21 drives severe, steroid-insensitive experimental asthma by amplifying phosphoinositide 3-kinase-mediated suppression of histone deacetylase 2. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 519-532	11.5	132
436	Therapeutic potential of phosphatidylinositol 3-kinase inhibitors in inflammatory respiratory disease. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 321, 1-8	4.7	128
435	Molecular mechanisms of glucocorticosteroid actions. <i>Pulmonary Pharmacology and Therapeutics</i> , 2000 , 13, 115-26	3.5	126
434	Regulation of Th2 cytokine genes by p38 MAPK-mediated phosphorylation of GATA-3. <i>Journal of Immunology</i> , 2007 , 178, 2491-8	5.3	124
433	Mucin expression in peripheral airways of patients with chronic obstructive pulmonary disease. <i>Histopathology</i> , 2004 , 45, 477-84	7.3	123
432	Nitration of distinct tyrosine residues causes inactivation of histone deacetylase 2. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 384, 366-71	3.4	122
431	Airway smooth muscle hyperproliferation is regulated by microRNA-221 in severe asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014 , 50, 7-17	5.7	121
430	Differential regulation of the constitutive and inducible nitric oxide synthase mRNA by lipopolysaccharide treatment in vivo in the rat. <i>Critical Care Medicine</i> , 1996 , 24, 1219-25	1.4	121
429	Unbalanced oxidant-induced DNA damage and repair in COPD: a link towards lung cancer. <i>Thorax</i> , 2011 , 66, 521-7	7.3	120
428	An integrative systems biology approach to understanding pulmonary diseases. <i>Chest</i> , 2010 , 137, 1410-6	5.3	119
427	A Transcriptome-driven Analysis of Epithelial Brushings and Bronchial Biopsies to Define Asthma Phenotypes in U-BIOPRED. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 443-455	10.2	118
426	Glucocorticoids: effects on gene transcription. <i>Proceedings of the American Thoracic Society</i> , 2004 , 1, 247-54		118
425	Bronchial epithelial cells: The key effector cells in the pathogenesis of chronic obstructive pulmonary disease?. <i>Respirology</i> , 2015 , 20, 722-9	3.6	116
424	Epigenetics and airways disease. <i>Respiratory Research</i> , 2006 , 7, 21	7.3	116
423	LPS induced inflammatory responses in human peripheral blood mononuclear cells is mediated through NOX4 and GIL-dependent PI-3kinase signalling. <i>Journal of Inflammation</i> , 2012 , 9, 1	6.7	114
422	Histone deacetylation: an important mechanism in inflammatory lung diseases. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2005 , 2, 445-55	2	109
421	Nitrosative stress in the bronchial mucosa of severe chronic obstructive pulmonary disease. <i>Journal of Allergy and Clinical Immunology</i> , 2005 , 116, 1028-35	11.5	109
420	Moderate-to-severe asthma in individuals of European ancestry: a genome-wide association study. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 20-34	35.1	109

419	Kinase inhibitors and airway inflammation. <i>European Journal of Pharmacology</i> , 2006 , 533, 118-32	5.3	108
418	p65-activated histone acetyltransferase activity is repressed by glucocorticoids: mifepristone fails to recruit HDAC2 to the p65-HAT complex. <i>Journal of Biological Chemistry</i> , 2001 , 276, 30208-15	5.4	107
417	Increased p21(CIP1/WAF1) and B cell lymphoma leukemia-x(L) expression and reduced apoptosis in alveolar macrophages from smokers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002 , 166, 724-31	10.2	107
416	Role of inflammatory cells in airway remodeling in COPD. <i>International Journal of COPD</i> , 2018 , 13, 3341-3348		104
415	Inhaled corticosteroids as combination therapy with beta-adrenergic agonists in airways disease: present and future. <i>European Journal of Clinical Pharmacology</i> , 2009 , 65, 853-71	2.8	103
414	STAT4 activation in smokers and patients with chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 2004 , 24, 78-85	13.6	103
413	A Severe Asthma Disease Signature from Gene Expression Profiling of Peripheral Blood from U-BIOPRED Cohorts. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 1311-1320	10.2	102
412	Sputum transcriptomics reveal upregulation of IL-1 receptor family members in patients with severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 560-570	11.5	102
411	The role of histone deacetylases in asthma and allergic diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2008 , 121, 580-4	11.5	102
410	COPD immunopathology. <i>Seminars in Immunopathology</i> , 2016 , 38, 497-515	12	101
409	Superinduction of COX-2 mRNA by cycloheximide and interleukin-1beta involves increased transcription and correlates with increased NF-kappaB and JNK activation. <i>FEBS Letters</i> , 1997 , 418, 135-8	3.8	96
408	Low-dose theophylline reduces eosinophilic inflammation but not exhaled nitric oxide in mild asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 164, 273-6	10.2	96
407	Interaction of Pattern Recognition Receptors with Mycobacterium Tuberculosis. <i>Journal of Clinical Immunology</i> , 2015 , 35, 1-10	5.7	95
406	Effects of inhaled corticosteroid therapy on expression and DNA-binding activity of nuclear factor kappaB in asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000 , 161, 224-31	10.2	95
405	Alteration of adenosine receptors in patients with chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 173, 398-406	10.2	92
404	The roles of miRNAs as potential biomarkers in lung diseases. <i>European Journal of Pharmacology</i> , 2016 , 791, 395-404	5.3	90
403	Epithelial IL-6 trans-signaling defines a new asthma phenotype with increased airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 577-590	11.5	90
402	Expression of heme oxygenase isoenzymes 1 and 2 in normal and asthmatic airways: effect of inhaled corticosteroids. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000 , 162, 1912-8	10.2	90

401	Role of TLR2, TLR4, and MyD88 in murine ozone-induced airway hyperresponsiveness and neutrophilia. <i>Journal of Applied Physiology</i> , 2007 , 103, 1189-95	3.7	88
400	Animal models of COPD: What do they tell us?. <i>Respirology</i> , 2017 , 22, 21-32	3.6	88
399	Targeted anti-inflammatory therapeutics in asthma and chronic obstructive lung disease. <i>Translational Research</i> , 2016 , 167, 192-203	11	87
398	Effect of dexamethasone on interleukin-1beta-(IL-1beta)-induced nuclear factor-kappaB (NF-kappaB) and kappaB-dependent transcription in epithelial cells. <i>FEBS Journal</i> , 1998 , 254, 81-9		87
397	Ligand-induced differentiation of glucocorticoid receptor (GR) trans-repression and transactivation: preferential targetting of NF-kappaB and lack of I-kappaB involvement. <i>British Journal of Pharmacology</i> , 1999 , 127, 1003-11	8.6	86
396	A role for phosphoinositol 3-kinase delta in the impairment of glucocorticoid responsiveness in patients with chronic obstructive pulmonary disease. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 125, 1146-53	11.5	85
395	Cytokine production by bronchoalveolar lavage T lymphocytes in chronic obstructive pulmonary disease. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 117, 1484-92	11.5	83
394	Pharmacology of airway inflammation in asthma and COPD. <i>Pulmonary Pharmacology and Therapeutics</i> , 2003 , 16, 247-77	3.5	83
393	Induction of phosphodiesterases 3B, 4A4, 4D1, 4D2, and 4D3 in Jurkat T-cells and in human peripheral blood T-lymphocytes by 8-bromo-cAMP and Gs-coupled receptor agonists. Potential role in beta2-adrenoreceptor desensitization. <i>Journal of Biological Chemistry</i> , 1998 , 273, 20575-88	5.4	82
392	Cancers Related to Immunodeficiencies: Update and Perspectives. <i>Frontiers in Immunology</i> , 2016 , 7, 365	8.4	82
391	Innate immunity but not NLRP3 inflammasome activation correlates with severity of stable COPD. <i>Thorax</i> , 2014 , 69, 516-24	7.3	79
390	Corticosteroid inhibition of growth-related oncogene protein-alpha via mitogen-activated kinase phosphatase-1 in airway smooth muscle cells. <i>Journal of Immunology</i> , 2007 , 178, 7366-75	5.3	78
389	Steroid resistance in asthma: mechanisms and treatment options. <i>Current Allergy and Asthma Reports</i> , 2008 , 8, 171-8	5.6	76
388	Modulation of LPS stimulated NF-kappaB mediated Nitric Oxide production by PKCepsilon and JAK2 in RAW macrophages. <i>Journal of Inflammation</i> , 2007 , 4, 23	6.7	75
387	Exosomes and Exosomal miRNA in Respiratory Diseases. <i>Mediators of Inflammation</i> , 2016 , 2016, 5628404	4.3	75
386	Mechanisms involved in lung cancer development in COPD. <i>International Journal of Biochemistry and Cell Biology</i> , 2011 , 43, 1030-44	5.6	74
385	Hydrogen sulfide inhibits proliferation and release of IL-8 from human airway smooth muscle cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011 , 45, 746-52	5.7	73
384	Induction and regulation of matrix metalloproteinase-12 in human airway smooth muscle cells. <i>Respiratory Research</i> , 2005 , 6, 148	7.3	73

383	Cigarette smoke activates human monocytes by an oxidant-AP-1 signaling pathway: implications for steroid resistance. <i>Molecular Pharmacology</i> , 2005 , 68, 1343-53	4.3	73
382	Pathway discovery using transcriptomic profiles in adult-onset severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1280-1290	11.5	73
381	Superinduction of NF-kappa B by actinomycin D and cycloheximide in epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 218, 518-23	3.4	72
380	Cytokine inhibition in the treatment of COPD. <i>International Journal of COPD</i> , 2014 , 9, 397-412	3	71
379	Suppression of GATA-3 nuclear import and phosphorylation: a novel mechanism of corticosteroid action in allergic disease. <i>PLoS Medicine</i> , 2009 , 6, e1000076	11.6	71
378	Mesenchymal stem cells alleviate oxidative stress-induced mitochondrial dysfunction in the airways. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1634-1645.e5	11.5	70
377	Brd4 is essential for IL-1β-induced inflammation in human airway epithelial cells. <i>PLoS ONE</i> , 2014 , 9, e95051	5.7	70
376	MUC5AC expression is increased in bronchial submucosal glands of stable COPD patients. <i>Histopathology</i> , 2009 , 55, 321-31	7.3	69
375	Inhibition of CD73 improves B cell-mediated anti-tumor immunity in a mouse model of melanoma. <i>Journal of Immunology</i> , 2012 , 189, 2226-33	5.3	68
374	IL-1 beta and TNF-alpha regulation of the adenosine receptor (A2A) expression: differential requirement for NF-kappa B binding to the proximal promoter. <i>Journal of Immunology</i> , 2006 , 177, 7173-83	5.3	68
373	Effect of interleukin-10 on the production of tumor necrosis factor-alpha by peripheral blood mononuclear cells from patients with chronic heart failure. <i>American Journal of Cardiology</i> , 2002 , 90, 384-9	3	68
372	Molecular interactions between glucocorticoids and long-acting beta2-agonists. <i>Journal of Allergy and Clinical Immunology</i> , 2002 , 110, S261-8	11.5	68
371	Transcriptional profiling identifies the long noncoding RNA plasmacytoma variant translocation (PVT1) as a novel regulator of the asthmatic phenotype in human airway smooth muscle. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 780-789	11.5	66
370	Rhinovirus infection causes steroid resistance in airway epithelium through nuclear factor B and c-Jun N-terminal kinase activation. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 132, 1075-1085.e6	11.5	65
369	Research in progress: Medical Research Council United Kingdom Refractory Asthma Stratification Programme (RASP-UK). <i>Thorax</i> , 2016 , 71, 187-9	7.3	64
368	Probiotics in the management of lung diseases. <i>Mediators of Inflammation</i> , 2013 , 2013, 751068	4.3	64
367	Formoterol attenuates neutrophilic airway inflammation in asthma. <i>Chest</i> , 2005 , 128, 1936-42	5.3	63
366	Redox regulation of histone deacetylases and glucocorticoid-mediated inhibition of the inflammatory response. <i>Antioxidants and Redox Signaling</i> , 2005 , 7, 144-52	8.4	63

365	Nuclear factor EB is activated in the pulmonary vessels of patients with end-stage idiopathic pulmonary arterial hypertension. <i>PLoS ONE</i> , 2013 , 8, e75415	3.7	62
364	Differential patterns of histone acetylation in inflammatory bowel diseases. <i>Journal of Inflammation</i> , 2011 , 8, 1	6.7	62
363	"T2-high" in severe asthma related to blood eosinophil, exhaled nitric oxide and serum periostin. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	62
362	Impact of protein acetylation in inflammatory lung diseases 2007 , 116, 249-65		61
361	The Immune Response and Immunopathology of COVID-19. <i>Frontiers in Immunology</i> , 2020 , 11, 2037	8.4	61
360	Glucocorticoid-mediated transrepression is regulated by histone acetylation and DNA methylation. <i>European Journal of Pharmacology</i> , 2001 , 429, 327-34	5.3	60
359	Beta-adrenoceptor agonists interfere with glucocorticoid receptor DNA binding in rat lung. <i>European Journal of Pharmacology</i> , 1995 , 289, 275-81		60
358	Klotho expression is reduced in COPD airway epithelial cells: effects on inflammation and oxidant injury. <i>Clinical Science</i> , 2015 , 129, 1011-23	6.5	59
357	Association of increased CCL5 and CXCL7 chemokine expression with neutrophil activation in severe stable COPD. <i>Thorax</i> , 2009 , 64, 968-75	7.3	59
356	The Journal of Inflammation. <i>Journal of Inflammation</i> , 2004 , 1, 1	6.7	58
355	Synergistic induction of endothelin-1 by tumor necrosis factor alpha and interferon gamma is due to enhanced NF-kappaB binding and histone acetylation at specific kappaB sites. <i>Journal of Biological Chemistry</i> , 2009 , 284, 24297-305	5.4	57
354	Glucocorticoid receptor nitration leads to enhanced anti-inflammatory effects of novel steroid ligands. <i>Journal of Immunology</i> , 2003 , 171, 3245-52	5.3	57
353	Potential role of c-Jun NH2-terminal kinase in allergic airway inflammation and remodelling: effects of SP600125. <i>European Journal of Pharmacology</i> , 2005 , 506, 273-83	5.3	57
352	Decreased T lymphocyte infiltration in bronchial biopsies of subjects with severe chronic obstructive pulmonary disease. <i>Clinical and Experimental Allergy</i> , 2001 , 31, 893-902	4.1	57
351	B cells contribute to the antitumor activity of CpG-oligodeoxynucleotide in a mouse model of metastatic lung carcinoma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 1369-79	10.2	56
350	Steroid resistance in asthma: a major problem requiring novel solutions or a non-issue?. <i>Current Opinion in Pharmacology</i> , 2004 , 4, 257-62	5.1	56
349	Expression of GATA family of transcription factors in T-cells, monocytes and bronchial biopsies. <i>European Respiratory Journal</i> , 2001 , 18, 466-73	13.6	56
348	Albuterol-induced downregulation of Gsalpha accounts for pulmonary beta(2)-adrenoceptor desensitization in vivo. <i>Journal of Clinical Investigation</i> , 2000 , 106, 125-35	15.9	55

- 347 The Potential Biomarkers and Immunological Effects of Tumor-Derived Exosomes in Lung Cancer. *Frontiers in Immunology*, **2018**, 9, 819 8.4 54
- 346 Role of non-coding RNAs in maintaining primary airway smooth muscle cells. *Respiratory Research*, **2014**, 15, 58 7.3 54
- 345 Nitric Oxide in the Pathogenesis and Treatment of Tuberculosis. *Frontiers in Microbiology*, **2017**, 8, 2008 5.7 54
- 344 Anti-Inflammatory Effects of Lactobacillus Rahmnosus and Bifidobacterium Breve on Cigarette Smoke Activated Human Macrophages. *PLoS ONE*, **2015**, 10, e0136455 3.7 54
- 343 Microarray analysis of long non-coding RNAs in COPD lung tissue. *Inflammation Research*, **2015**, 64, 119-26 5.4 54
- 342 A model of chronic inflammation and pulmonary emphysema after multiple ozone exposures in mice. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2011**, 300, L691-700 5.8 54
- 341 Attenuation of ozone-induced airway inflammation and hyper-responsiveness by c-Jun NH2 terminal kinase inhibitor SP600125. *Journal of Pharmacology and Experimental Therapeutics*, **2007**, 322, 351-9 4.7 54
- 340 Divergent effect of mometasone on human eosinophil and neutrophil apoptosis. *Life Sciences*, **2002**, 71, 1523-34 6.8 54
- 339 CCL11 as a potential diagnostic marker for asthma?. *Journal of Asthma*, **2014**, 51, 847-54 1.9 53
- 338 A comprehensive analysis of oxidative stress in the ozone-induced lung inflammation mouse model. *Clinical Science*, **2014**, 126, 425-40 6.5 53
- 337 p38 mitogen-activated protein kinase inhibition by long-acting β adrenergic agonists reversed steroid insensitivity in severe asthma. *Molecular Pharmacology*, **2011**, 80, 1128-35 4.3 53
- 336 Roles of mitochondrial ROS and NLRP3 inflammasome in multiple ozone-induced lung inflammation and emphysema. *Respiratory Research*, **2018**, 19, 230 7.3 53
- 335 Oxidative and Nitrosative Stress and Histone Deacetylase-2 Activity in Exacerbations of COPD. *Chest*, **2016**, 149, 62-73 5.3 52
- 334 Role of nitric oxide in allergic inflammation and bronchial hyperresponsiveness. *European Journal of Pharmacology*, **2002**, 452, 123-33 5.3 52
- 333 Allergen-induced inflammation and airway epithelial and smooth muscle cell proliferation: role of Jun N-terminal kinase. *British Journal of Pharmacology*, **2003**, 140, 1373-80 8.6 52
- 332 The "Iron"-y of Iron Overload and Iron Deficiency in Chronic Obstructive Pulmonary Disease. *American Journal of Respiratory and Critical Care Medicine*, **2017**, 196, 1103-1112 10.2 51
- 331 Glucocorticoids. *Handbook of Experimental Pharmacology*, **2017**, 237, 171-196 3.2 51
- 330 Loss of control of asthma following inhaled corticosteroid withdrawal is associated with increased sputum interleukin-8 and neutrophils. *Chest*, **2007**, 132, 98-105 5.3 51

329	Smads as intracellular mediators of airway inflammation. <i>Experimental Lung Research</i> , 2004 , 30, 223-50	2.3	51
328	Oxidative stress and steroid resistance in asthma and COPD: pharmacological manipulation of HDAC-2 as a therapeutic strategy. <i>Expert Opinion on Therapeutic Targets</i> , 2007 , 11, 745-55	6.4	50
327	Hydrogen peroxide prolongs nuclear localization of NF-kappaB in activated cells by suppressing negative regulatory mechanisms. <i>Journal of Biological Chemistry</i> , 2008 , 283, 18582-90	5.4	49
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