

# Peter J Barnes

## 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.

871 papers	91,171 citations	147 h-index	274 g-index
956 ext. papers	100,897 ext. citations	8.8 avg, IF	8.77 L-index

#	Paper	IF	Citations
871	Global strategy for the diagnosis, management, and prevention of chronic obstructive pulmonary disease: GOLD executive summary. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2007</b> , 176, 532-55	10.2	5242
870	Nuclear factor-kappaB: a pivotal transcription factor in chronic inflammatory diseases. <i>New England Journal of Medicine</i> , <b>1997</b> , 336, 1066-71	59.2	4072
869	Global strategy for the diagnosis, management, and prevention of chronic obstructive pulmonary disease: GOLD executive summary. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2013</b> , 187, 347-65	10.2	3654
868	Global Strategy for the Diagnosis, Management, and Prevention of Chronic Obstructive Lung Disease 2017 Report. GOLD Executive Summary. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 557-582	10.2	1682
867	Effects of an interleukin-5 blocking monoclonal antibody on eosinophils, airway hyper-responsiveness, and the late asthmatic response. <i>Lancet, The</i> , <b>2000</b> , 356, 2144-8	40	1473
866	Effect of inhaled formoterol and budesonide on exacerbations of asthma. Formoterol and Corticosteroids Establishing Therapy (FACET) International Study Group. <i>New England Journal of Medicine</i> , <b>1997</b> , 337, 1405-11	59.2	1272
865	Increased nitric oxide in exhaled air of asthmatic patients. <i>Lancet, The</i> , <b>1994</b> , 343, 133-5	40	1227
864	Systemic manifestations and comorbidities of COPD. <i>European Respiratory Journal</i> , <b>2009</b> , 33, 1165-85	13.6	1041
863	Chronic obstructive pulmonary disease. <i>New England Journal of Medicine</i> , <b>2000</b> , 343, 269-80	59.2	1036
862	Chronic obstructive pulmonary disease: molecular and cellular mechanisms. <i>European Respiratory Journal</i> , <b>2003</b> , 22, 672-88	13.6	1015
861	Immunology of asthma and chronic obstructive pulmonary disease. <i>Nature Reviews Immunology</i> , <b>2008</b> , 8, 183-92	36.5	981
860	Chronic obstructive pulmonary disease in non-smokers. <i>Lancet, The</i> , <b>2009</b> , 374, 733-43	40	832
859	Decreased histone deacetylase activity in chronic obstructive pulmonary disease. <i>New England Journal of Medicine</i> , <b>2005</b> , 352, 1967-76	59.2	769
858	Glucocorticoid resistance in inflammatory diseases. <i>Lancet, The</i> , <b>2009</b> , 373, 1905-17	40	726
857	Global Strategy for the Diagnosis, Management, and Prevention of Chronic Obstructive Lung Disease: the GOLD science committee report 2019. <i>European Respiratory Journal</i> , <b>2019</b> , 53,	13.6	722
856	The cytokine network in asthma and chronic obstructive pulmonary disease. <i>Journal of Clinical Investigation</i> , <b>2008</b> , 118, 3546-56	15.9	652
855	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> , <b>2000</b> , 20, 6891-903	4.8	614

854	Inflammatory mechanisms in patients with chronic obstructive pulmonary disease. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 138, 16-27	11.5	612
853	Anti-inflammatory actions of steroids: molecular mechanisms. <i>Trends in Pharmacological Sciences</i> , <b>1993</b> , 14, 436-41	13.2	600
852	Isoprostanes: markers and mediators of oxidative stress. <i>FASEB Journal</i> , <b>2004</b> , 18, 1791-800	0.9	553
851	Mediators of chronic obstructive pulmonary disease. <i>Pharmacological Reviews</i> , <b>2004</b> , 56, 515-48	22.5	544
850	Inhaled glucocorticoids for asthma. <i>New England Journal of Medicine</i> , <b>1995</b> , 332, 868-75	59.2	530
849	Histone deacetylase 2-mediated deacetylation of the glucocorticoid receptor enables NF-kappaB suppression. <i>Journal of Experimental Medicine</i> , <b>2006</b> , 203, 7-13	16.6	506
848	How corticosteroids control inflammation: Quintiles Prize Lecture 2005. <i>British Journal of Pharmacology</i> , <b>2006</b> , 148, 245-54	8.6	490
847	Exhaled and nasal nitric oxide measurements: recommendations. The European Respiratory Society Task Force. <i>European Respiratory Journal</i> , <b>1997</b> , 10, 1683-93	13.6	452
846	Corticosteroid resistance in patients with asthma and chronic obstructive pulmonary disease. <i>Journal of Allergy and Clinical Immunology</i> , <b>2013</b> , 131, 636-45	11.5	451
845	Histone acetylation and deacetylation: importance in inflammatory lung diseases. <i>European Respiratory Journal</i> , <b>2005</b> , 25, 552-63	13.6	449
844	Effect of incorrect use of dry powder inhalers on management of patients with asthma and COPD. <i>Respiratory Medicine</i> , <b>2008</b> , 102, 593-604	4.6	421
843	Nitric oxide and asthmatic inflammation. <i>Trends in Immunology</i> , <b>1995</b> , 16, 128-30		416
842	COPD as a disease of accelerated lung aging. <i>Chest</i> , <b>2009</b> , 135, 173-180	5.3	415
841	Oxidative stress in COPD. <i>Chest</i> , <b>2013</b> , 144, 266-273	5.3	414
840	Regional lung deposition and bronchodilator response as a function of beta2-agonist particle size. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2005</b> , 172, 1497-504	10.2	409
839	Reactive oxygen species and airway inflammation. <i>Free Radical Biology and Medicine</i> , <b>1990</b> , 9, 235-43	7.8	407
838	New concepts in the pathogenesis of bronchial hyperresponsiveness and asthma. <i>Journal of Allergy and Clinical Immunology</i> , <b>1989</b> , 83, 1013-26	11.5	405
837	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> , <b>2002</b> , 99, 8921-6	11.5	400

- 836 A randomized, double-blind, placebo-controlled study of tumor necrosis factor-alpha blockade in severe persistent asthma. *American Journal of Respiratory and Critical Care Medicine*, **2009**, 179, 549-58 10.2 393
- 835 Neuropeptides in the respiratory tract. Part I. *The American Review of Respiratory Disease*, **1991**, 144, 1187-98 375
- 834 A new approach to the treatment of asthma. *New England Journal of Medicine*, **1989**, 321, 1517-27 59.2 375
- 833 Theophylline restores histone deacetylase activity and steroid responses in COPD macrophages. *Journal of Experimental Medicine*, **2004**, 200, 689-95 16.6 373
- 832 Nocturnal asthma and changes in circulating epinephrine, histamine, and cortisol. *New England Journal of Medicine*, **1980**, 303, 263-7 59.2 371
- 831 Increased formation of the potent oxidant peroxynitrite in the airways of asthmatic patients is associated with induction of nitric oxide synthase: effect of inhaled glucocorticoid. *FASEB Journal*, **1998**, 12, 929-937 0.9 364
- 830 Efficacy and safety of inhaled corticosteroids in asthma. Report of a workshop held in Eze, France, October 1992. *The American Review of Respiratory Disease*, **1993**, 148, S1-26 364
- 829 Evidence for involvement of NF-kappaB in the transcriptional control of COX-2 gene expression by IL-1beta. *Biochemical and Biophysical Research Communications*, **1997**, 237, 28-32 3.4 354
- 828 Scientific rationale for inhaled combination therapy with long-acting beta2-agonists and corticosteroids. *European Respiratory Journal*, **2002**, 19, 182-91 13.6 352
- 827 Sex and gender: modifiers of health, disease, and medicine. *Lancet, The*, **2020**, 396, 565-582 40 347
- 826 Release and activity of matrix metalloproteinase-9 and tissue inhibitor of metalloproteinase-1 by alveolar macrophages from patients with chronic obstructive pulmonary disease. *American Journal of Respiratory Cell and Molecular Biology*, **2002**, 26, 602-9 5.7 342
- 825 p38 Mitogen-activated protein kinase-induced glucocorticoid receptor phosphorylation reduces its activity: role in steroid-insensitive asthma. *Journal of Allergy and Clinical Immunology*, **2002**, 109, 649-57 11.5 340
- 824 Glucocorticosteroids: current and future directions. *British Journal of Pharmacology*, **2011**, 163, 29-43 8.6 337
- 823 Theophylline: new perspectives for an old drug. *American Journal of Respiratory and Critical Care Medicine*, **2003**, 167, 813-8 10.2 337
- 822 Increased expression of nuclear factor-kappaB in bronchial biopsies from smokers and patients with COPD. *European Respiratory Journal*, **2002**, 20, 556-63 13.6 337
- 821 Effects of recombinant human interleukin-12 on eosinophils, airway hyper-responsiveness, and the late asthmatic response. *Lancet, The*, **2000**, 356, 2149-53 40 335
- 820 Tolerance to the nonbronchodilator effects of inhaled beta 2-agonists in asthma. *New England Journal of Medicine*, **1992**, 327, 1204-8 59.2 320
- 819 Corticosteroid resistance in chronic obstructive pulmonary disease: inactivation of histone deacetylase. *Lancet, The*, **2004**, 363, 731-3 40 316

818	Oxidative stress reduces histone deacetylase 2 activity and enhances IL-8 gene expression: role of tyrosine nitration. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 315, 240-5	3.4	308
817	A comparison of low-dose inhaled budesonide plus theophylline and high-dose inhaled budesonide for moderate asthma. <i>New England Journal of Medicine</i> , <b>1997</b> , 337, 1412-8	59.2	298
816	Nuclear factor-kappa B. <i>International Journal of Biochemistry and Cell Biology</i> , <b>1997</b> , 29, 867-70	5.6	297
815	A European Respiratory Society technical standard: exhaled biomarkers in lung disease. <i>European Respiratory Journal</i> , <b>2017</b> , 49,	13.6	295
814	Corticosteroid effects on cell signalling. <i>European Respiratory Journal</i> , <b>2006</b> , 27, 413-26	13.6	290
813	Nitric oxide is the endogenous neurotransmitter of bronchodilator nerves in humans. <i>European Journal of Pharmacology</i> , <b>1992</b> , 210, 221-2	5.3	285
812	Cellular and molecular mechanisms of chronic obstructive pulmonary disease. <i>Clinics in Chest Medicine</i> , <b>2014</b> , 35, 71-86	5.3	284
811	Exhaled nitric oxide in pulmonary diseases: a comprehensive review. <i>Chest</i> , <b>2010</b> , 138, 682-92	5.3	281
810	New anti-inflammatory targets for chronic obstructive pulmonary disease. <i>Nature Reviews Drug Discovery</i> , <b>2013</b> , 12, 543-59	64.1	280
809	The costs of asthma. <i>European Respiratory Journal</i> , <b>1996</b> , 9, 636-42	13.6	278
808	Chronic obstructive pulmonary disease. <i>Nature Reviews Disease Primers</i> , <b>2015</b> , 1, 15076	51.1	270
807	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> , <b>2010</b> , 182, 897-904	10.2	269
806	Theophylline. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2013</b> , 188, 901-6	10.2	268
805	Inhaled Combined Budesonide-Formoterol as Needed in Mild Asthma. <i>New England Journal of Medicine</i> , <b>2018</b> , 378, 1865-1876	59.2	265
804	Expression and activity of histone deacetylases in human asthmatic airways. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2002</b> , 166, 392-6	10.2	257
803	Anti-inflammatory effects of resveratrol in lung epithelial cells: molecular mechanisms. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2004</b> , 287, L774-83	5.8	249
802	Impaired inhibition by dexamethasone of cytokine release by alveolar macrophages from patients with chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2003</b> , 167, 24-31	10.2	248
801	The cytokine network in chronic obstructive pulmonary disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2009</b> , 41, 631-8	5.7	247

800	Lipopolysaccharide treatment in vivo induces widespread tissue expression of inducible nitric oxide synthase mRNA. <i>Biochemical and Biophysical Research Communications</i> , <b>1993</b> , 196, 1208-13	3.4	243
799	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> , <b>2015</b> , 136, 769-80	11.5	241
798	Measurement of exhaled nitric oxide in children, 2001. <i>European Respiratory Journal</i> , <b>2002</b> , 20, 223-37	13.6	241
797	Induction of cyclo-oxygenase-2 by cytokines in human pulmonary epithelial cells: regulation by dexamethasone. <i>British Journal of Pharmacology</i> , <b>1994</b> , 113, 1008-14	8.6	240
796	Reproducibility of exhaled nitric oxide measurements in healthy and asthmatic adults and children. <i>European Respiratory Journal</i> , <b>2003</b> , 21, 433-8	13.6	239
795	The effects of a monoclonal antibody directed against tumor necrosis factor-alpha in asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2006</b> , 174, 753-62	10.2	235
794	Alveolar macrophages as orchestrators of COPD. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , <b>2004</b> , 1, 59-70	2	235
793	Bradykinin-evoked sensitization of airway sensory nerves: a mechanism for ACE-inhibitor cough. <i>Nature Medicine</i> , <b>1996</b> , 2, 814-7	50.5	234
792	Oxidative stress induces NF kappa B DNA binding and inducible NOS mRNA in human epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , <b>1994</b> , 199, 1518-24	3.4	232
791	Cellular and molecular mechanisms of asthma and COPD. <i>Clinical Science</i> , <b>2017</b> , 131, 1541-1558	6.5	228
790	How do corticosteroids work in asthma?. <i>Annals of Internal Medicine</i> , <b>2003</b> , 139, 359-70	8	225
789	Role of HDAC2 in the pathophysiology of COPD. <i>Annual Review of Physiology</i> , <b>2009</b> , 71, 451-64	23.1	224
788	Relative corticosteroid insensitivity of peripheral blood mononuclear cells in severe asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2006</b> , 174, 134-41	10.2	224
787	As-Needed Budesonide-Formoterol versus Maintenance Budesonide in Mild Asthma. <i>New England Journal of Medicine</i> , <b>2018</b> , 378, 1877-1887	59.2	223
786	Pathophysiology of allergic inflammation. <i>Immunological Reviews</i> , <b>2011</b> , 242, 31-50	11.3	221
785	Nitric oxide and airway disease. <i>Annals of Medicine</i> , <b>1995</b> , 27, 389-93	1.5	220
784	Mechanisms and resistance in glucocorticoid control of inflammation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2010</b> , 120, 76-85	5.1	219
783	The effect of airway epithelium on smooth muscle contractility in bovine trachea. <i>British Journal of Pharmacology</i> , <b>1985</b> , 86, 685-91	8.6	219

782	Increased 8-isoprostane and interleukin-6 in breath condensate of obstructive sleep apnea patients. <i>Chest</i> , <b>2002</b> , 122, 1162-7	5.3	217
781	Biomarkers of some pulmonary diseases in exhaled breath. <i>Biomarkers</i> , <b>2002</b> , 7, 1-32	2.6	217
780	Transcription factors and asthma. <i>European Respiratory Journal</i> , <b>1998</b> , 12, 221-34	13.6	217
779	Neurogenic inflammation in the airways. <i>Respiration Physiology</i> , <b>2001</b> , 125, 145-54		214
778	New concepts in chronic obstructive pulmonary disease. <i>Annual Review of Medicine</i> , <b>2003</b> , 54, 113-29	17.4	213
777	Pulmonary biomarkers in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2006</b> , 174, 6-14	10.2	212
776	Histone acetylase and deacetylase activity in alveolar macrophages and blood mononocytes in asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2004</b> , 170, 141-7	10.2	211
775	Autoradiographic visualization of muscarinic receptor subtypes in human and guinea pig lung. <i>The American Review of Respiratory Disease</i> , <b>1990</b> , 141, 1559-68		208
774	Mechanisms in COPD: differences from asthma. <i>Chest</i> , <b>2000</b> , 117, 10S-4S	5.3	205
773	Effect of a ginkgolide mixture (BN 52063) in antagonising skin and platelet responses to platelet activating factor in man. <i>Lancet, The</i> , <b>1987</b> , 1, 248-51	40	204
772	Importance of inhaler devices in the management of airway disease. <i>Respiratory Medicine</i> , <b>2008</b> , 102, 10-9	4.6	203
771	Inhibition of PI3Kdelta restores glucocorticoid function in smoking-induced airway inflammation in mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2009</b> , 179, 542-8	10.2	197
770	Neuropeptides in the respiratory tract. Part II. <i>The American Review of Respiratory Disease</i> , <b>1991</b> , 144, 1391-9		196
769	Corticosteroids: the drugs to beat. <i>European Journal of Pharmacology</i> , <b>2006</b> , 533, 2-14	5.3	194
768	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> , <b>2012</b> , 186, 1117-24	10.2	191
767	Glucocorticoid receptor nuclear translocation in airway cells after inhaled combination therapy. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2005</b> , 172, 704-12	10.2	191
766	Difficult asthma. <i>European Respiratory Journal</i> , <b>1998</b> , 12, 1209-18	13.6	191
765	Accelerated ageing of the lung in COPD: new concepts. <i>Thorax</i> , <b>2015</b> , 70, 482-9	7.3	187



764	Neutrophil chemotactic activity of sputum from patients with COPD: role of interleukin 8 and leukotriene B4. <i>Chest</i> , <b>2003</b> , 123, 1240-7	5.3	185
763	Exhaled leukotrienes and prostaglandins in asthma. <i>Journal of Allergy and Clinical Immunology</i> , <b>2002</b> , 109, 615-20	11.5	185
762	A protein deacetylase SIRT1 is a negative regulator of metalloproteinase-9. <i>FASEB Journal</i> , <b>2009</b> , 23, 2810-9	0.9	184
761	Molecular mechanisms of corticosteroid resistance. <i>Chest</i> , <b>2008</b> , 134, 394-401	5.3	184
760	Exhaled biomarkers. <i>Chest</i> , <b>2006</b> , 130, 1541-6	5.3	184
759	NF-kappa B: a pivotal role in asthma and a new target for therapy. <i>Trends in Pharmacological Sciences</i> , <b>1997</b> , 18, 46-50	13.2	179
758	Targeting cytokines to treat asthma and chronic obstructive pulmonary disease. <i>Nature Reviews Immunology</i> , <b>2018</b> , 18, 454-466	36.5	177
757	Muscarinic receptor subtypes in airways. <i>Life Sciences</i> , <b>1993</b> , 52, 521-7	6.8	177
756	Theophylline in the management of asthma: time for reappraisal?. <i>European Respiratory Journal</i> , <b>1994</b> , 7, 579-91	13.6	176
755	Chronic obstructive pulmonary disease and lung cancer: new molecular insights. <i>Respiration</i> , <b>2011</b> , 81, 265-84	3.7	175
754	Changes in the dose of inhaled steroid affect exhaled nitric oxide levels in asthmatic patients. <i>European Respiratory Journal</i> , <b>1996</b> , 9, 196-201	13.6	175
753	Alveolar macrophage-mediated elastolysis: roles of matrix metalloproteinases, cysteine, and serine proteases. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2002</b> , 283, L867-73	5.8	173
752	Therapeutic strategies for allergic diseases. <i>Nature</i> , <b>1999</b> , 402, B31-8	50.4	173
751	Identification of cyclic AMP phosphodiesterases 3, 4 and 7 in human CD4+ and CD8+ T-lymphocytes: role in regulating proliferation and the biosynthesis of interleukin-2. <i>British Journal of Pharmacology</i> , <b>1996</b> , 118, 1945-58	8.6	173
750	Increased pulmonary alpha-adrenergic and reduced beta-adrenergic receptors in experimental asthma. <i>Nature</i> , <b>1980</b> , 285, 569-71	50.4	173
749	Chronic idiopathic cough: a discrete clinical entity?. <i>Chest</i> , <b>2005</b> , 127, 1710-3	5.3	171
748	Parameters associated with persistent airflow obstruction in chronic severe asthma. <i>European Respiratory Journal</i> , <b>2004</b> , 24, 122-8	13.6	170
747	Increased leukotrienes in exhaled breath condensate in childhood asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2002</b> , 166, 1345-9	10.2	170



746	A selective inhibitor of inducible nitric oxide synthase inhibits exhaled breath nitric oxide in healthy volunteers and asthmatics. <i>FASEB Journal</i> , <b>2003</b> , 17, 1298-300	0.9	168
745	Defective glucocorticoid receptor nuclear translocation and altered histone acetylation patterns in glucocorticoid-resistant patients. <i>Journal of Allergy and Clinical Immunology</i> , <b>2004</b> , 113, 1100-8	11.5	166
744	IkappaBalpha degradation and nuclear factor-kappaB DNA binding are insufficient for interleukin-1beta and tumor necrosis factor-alpha-induced kappaB-dependent transcription. Requirement for an additional activation pathway. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 6607-10	5.4	165
743	Increased exhaled cysteinyl-leukotrienes and 8-isoprostane in aspirin-induced asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2002</b> , 166, 301-6	10.2	164
742	Modulation of neurogenic inflammation: novel approaches to inflammatory disease. <i>Trends in Pharmacological Sciences</i> , <b>1990</b> , 11, 185-9	13.2	164
741	Diagnostic performance of an electronic nose, fractional exhaled nitric oxide, and lung function testing in asthma. <i>Chest</i> , <b>2010</b> , 137, 790-6	5.3	162
740	New therapies for asthma: is there any progress?. <i>Trends in Pharmacological Sciences</i> , <b>2010</b> , 31, 335-43	13.2	161
739	Endothelium-derived relaxing factor inhibits hypoxic pulmonary vasoconstriction in rats. <i>The American Review of Respiratory Disease</i> , <b>1991</b> , 143, 32-7		161
738	Pathophysiology of asthma. <i>British Journal of Clinical Pharmacology</i> , <b>1996</b> , 42, 3-10	3.8	159
737	Decreased histone deacetylase 2 impairs Nrf2 activation by oxidative stress. <i>Biochemical and Biophysical Research Communications</i> , <b>2011</b> , 406, 292-8	3.4	158
736	Treatment of airway mucus hypersecretion. <i>Annals of Medicine</i> , <b>2006</b> , 38, 116-25	1.5	157
735	New molecular targets for the treatment of neutrophilic diseases. <i>Journal of Allergy and Clinical Immunology</i> , <b>2007</b> , 119, 1055-62; quiz 1063-4	11.5	156
734	New drugs for asthma. <i>Nature Reviews Drug Discovery</i> , <b>2004</b> , 3, 831-44	64.1	156
733	TGFbeta1 allele association with asthma severity. <i>Human Genetics</i> , <b>2001</b> , 109, 623-7	6.3	155
732	Prospects for new drugs for chronic obstructive pulmonary disease. <i>Lancet, The</i> , <b>2004</b> , 364, 985-96	40	152
731	Analysis of exhaled breath condensate for monitoring airway inflammation. <i>Trends in Pharmacological Sciences</i> , <b>2002</b> , 23, 232-7	13.2	152
730	Is exposure to biomass smoke the biggest risk factor for COPD globally?. <i>Chest</i> , <b>2010</b> , 138, 3-6	5.3	149
729	Repression of cyclooxygenase-2 and prostaglandin E2 release by dexamethasone occurs by transcriptional and post-transcriptional mechanisms involving loss of polyadenylated mRNA. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 32312-21	5.4	149

728	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> , <b>2006</b> , 176, 603-15	5.3	148
727	The pharmacological properties of tiotropium. <i>Chest</i> , <b>2000</b> , 117, 63S-6S	5.3	148
726	Treatment effects of low-dose theophylline combined with an inhaled corticosteroid in COPD. <i>Chest</i> , <b>2010</b> , 137, 1338-44	5.3	147
725	Delayed eosinophil apoptosis in asthma. <i>Journal of Allergy and Clinical Immunology</i> , <b>2000</b> , 106, 77-83	11.5	144
724	Cytokines as mediators of chronic asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1994</b> , 150, S42-9	10.2	144
723	Clinical aspects of exhaled nitric oxide. <i>European Respiratory Journal</i> , <b>2000</b> , 16, 781-92	13.6	142
722	Addition of leukotriene antagonists to therapy in chronic persistent asthma: a randomised double-blind placebo-controlled trial. <i>Lancet, The</i> , <b>2001</b> , 357, 2007-11	4.0	141
721	Th2 cytokines and asthma: an introduction. <i>Respiratory Research</i> , <b>2001</b> , 2, 64-5	7.3	140
720	Discovery of BRL 50481 [3-(N,N-dimethylsulfonamido)-4-methyl-nitrobenzene], a selective inhibitor of phosphodiesterase 7: in vitro studies in human monocytes, lung macrophages, and CD8+ T-lymphocytes. <i>Molecular Pharmacology</i> , <b>2004</b> , 66, 1679-89	4.3	138
719	Differential IkappaB kinase activation and IkappaBalpha degradation by interleukin-1beta and tumor necrosis factor-alpha in human U937 monocytic cells. Evidence for additional regulatory steps in kappaB-dependent transcription. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 19965-72	5.4	138
718	An Official American Thoracic Society/European Respiratory Society Statement: Research questions in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2015</b> , 191, e4-e27	10.2	137
717	Resveratrol, an extract of red wine, inhibits lipopolysaccharide induced airway neutrophilia and inflammatory mediators through an NF-kappaB-independent mechanism. <i>FASEB Journal</i> , <b>2005</b> , 19, 840-1	10.9	136
716	L-arginine increases exhaled nitric oxide in normal human subjects. <i>Clinical Science</i> , <b>1995</b> , 88, 135-9	6.5	135
715	Defective phagocytosis in airways disease. <i>Chest</i> , <b>2012</b> , 141, 1055-1062	5.3	134
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