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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.

125 papers	4,095 citations	33 h-index	60 g-index
134 ext. papers	4,840 ext. citations	6.4 avg, IF	5.82 L-index

#	Paper	IF	Citations
125	Pharmacology and therapeutics of bronchodilators. *Pharmacological Reviews*, **2012**, 64, 450-504	22.5	311
124	Phosphodiesterase inhibitors. *British Journal of Pharmacology*, **2006**, 147 Suppl 1, S252-7	8.6	303
123	Pharmacology of Heparin and Related Drugs. *Pharmacological Reviews*, **2016**, 68, 76-141	22.5	176
122	Platelets are essential for leukocyte recruitment in allergic inflammation. *Journal of Allergy and Clinical Immunology*, **2003**, 112, 109-18	11.5	173
121	Platelet P-selectin is required for pulmonary eosinophil and lymphocyte recruitment in a murine model of allergic inflammation. *Blood*, **2005**, 105, 2074-81	2.2	164
120	Allergen induces the migration of platelets to lung tissue in allergic asthma. *American Journal of Respiratory and Critical Care Medicine*, **2008**, 177, 604-12	10.2	120
119	Platelets are necessary for airway wall remodeling in a murine model of chronic allergic inflammation. *Blood*, **2004**, 103, 639-47	2.2	120
118	Selective PDE inhibitors as novel treatments for respiratory diseases. *Current Opinion in Pharmacology*, **2012**, 12, 275-86	5.1	116
117	Influence of N-acetylcysteine on chronic bronchitis or COPD exacerbations: a meta-analysis. *European Respiratory Review*, **2015**, 24, 451-61	9.8	112
116	Circulating platelet-neutrophil complexes are important for subsequent neutrophil activation and migration. *Journal of Applied Physiology*, **2010**, 109, 758-67	3.7	111
115	Animal models of mechanisms of SARS-CoV-2 infection and COVID-19 pathology. *British Journal of Pharmacology*, **2020**, 177, 4851-4865	8.6	102
114	Efficacy and safety of RPL554, a dual PDE3 and PDE4 inhibitor, in healthy volunteers and in patients with asthma or chronic obstructive pulmonary disease: findings from four clinical trials. *Lancet Respiratory Medicine,the*, **2013**, 1, 714-27	35.1	98
113	The effect of N-acetylcysteine on biofilms: Implications for the treatment of respiratory tract infections. *Respiratory Medicine*, **2016**, 117, 190-7	4.6	95
112	The effects of heparin and related molecules upon the adhesion of human polymorphonuclear leucocytes to vascular endothelium in vitro. *British Journal of Pharmacology*, **2000**, 129, 533-40	8.6	84
111	Neutrophil and platelet complexes and their relevance to neutrophil recruitment and activation. *International Immunopharmacology*, **2013**, 17, 1176-84	5.8	78
110	Fucosylated chondroitin sulfates from the body wall of the sea cucumber Holothuria forskali: conformation, selectin binding, and biological activity. *Journal of Biological Chemistry*, **2014**, 289, 28284-98	5.4	76
109	The requirement for platelets in allergen-induced late asthmatic airway obstruction. Eosinophil infiltration and heightened airway responsiveness in allergic rabbits. *The American Review of Respiratory Disease*, **1990**, 142, 587-93		75

108	Pharmacological characterization of the interaction between aclidinium bromide and formoterol fumarate on human isolated bronchi. *European Journal of Pharmacology*, **2014**, 745, 135-43	5.3	71
107	Role of platelets in allergic airway inflammation. *Journal of Allergy and Clinical Immunology*, **2015**, 135, 1416-23	11.5	50
106	Long-acting muscarinic receptor antagonists for the treatment of respiratory disease. *Pulmonary Pharmacology and Therapeutics*, **2013**, 26, 307-17	3.5	49
105	P-Rex and Vav Rac-GEFs in platelets control leukocyte recruitment to sites of inflammation. *Blood*, **2015**, 125, 1146-58	2.2	49
104	RhoA signaling through platelet P2Y receptor controls leukocyte recruitment in allergic mice. *Journal of Allergy and Clinical Immunology*, **2015**, 135, 528-38	11.5	49
103	Effect of erdosteine on the rate and duration of COPD exacerbations: the RESTORE study. *European Respiratory Journal*, **2017**, 50,	13.6	48
102	Unfractionated heparin inhibits live wild type SARS-CoV-2 cell infectivity at therapeutically relevant concentrations. *British Journal of Pharmacology*, **2021**, 178, 626-635	8.6	48
101	Heparin and related drugs: beyond anticoagulant activity. *ISRN Pharmacology*, **2013**, 2013, 910743		47
100	Nebulised heparin as a treatment for COVID-19: scientific rationale and a call for randomised evidence. *Critical Care*, **2020**, 24, 454	10.8	47
99	Phosphodiesterase inhibitors for the treatment of asthma and chronic obstructive pulmonary disease. *International Archives of Allergy and Immunology*, **2014**, 165, 152-64	3.7	43
98	Brain natriuretic peptide: Much more than a biomarker. *International Journal of Cardiology*, **2016**, 221, 1031-8	3.2	42
97	Bifunctional drugs for the treatment of asthma and chronic obstructive pulmonary disease. *European Respiratory Journal*, **2014**, 44, 475-82	13.6	37
96	Pharmacological characterization of the interaction between the dual phosphodiesterase (PDE) 3/4 inhibitor RPL554 and glycopyrronium on human isolated bronchi and small airways. *Pulmonary Pharmacology and Therapeutics*, **2015**, 32, 15-23	3.5	37
95	Doxofylline: a "novofylline". *Pulmonary Pharmacology and Therapeutics*, **2010**, 23, 231-4	3.5	36
94	Effects of bradykinin receptor antagonists on antigen-induced respiratory distress, airway hyperresponsiveness and eosinophilia in guinea-pigs. *British Journal of Pharmacology*, **1992**, 107, 653-9	8.6	35
93	Platelet Depletion Impairs Host Defense to Pulmonary Infection with Pseudomonas aeruginosa in Mice. *American Journal of Respiratory Cell and Molecular Biology*, **2018**, 58, 331-340	5.7	34
92	Effect of heparin and a low-molecular weight heparinoid on PAF-induced airway responses in neonatally immunized rabbits. *British Journal of Pharmacology*, **1993**, 110, 107-12	8.6	33
91	Doxofylline is not just another theophylline!. *International Journal of COPD*, **2017**, 12, 3487-3493	3	31

90	The rabbit as a model to study asthma and other lung diseases. *Pulmonary Pharmacology and Therapeutics*, **2008**, 21, 721-30	3.5	31
89	Efficacy and safety profile of mucolytic/antioxidant agents in chronic obstructive pulmonary disease: a comparative analysis across erdosteine, carbocysteine, and N-acetylcysteine. *Respiratory Research*, **2019**, 20, 104	7.3	30
88	Targeting Mechanisms Linking COPD to Type 2 Diabetes Mellitus. *Trends in Pharmacological Sciences*, **2017**, 38, 940-951	13.2	30
87	The role of heparanase in pulmonary cell recruitment in response to an allergic but not non-allergic stimulus. *PLoS ONE*, **2015**, 10, e0127032	3.7	30
86	Platelet-Eosinophil Interactions As a Potential Therapeutic Target in Allergic Inflammation and Asthma. *Frontiers in Medicine*, **2017**, 4, 129	4.9	29
85	Some structural determinants of the antiproliferative effect of heparin-like molecules on human airway smooth muscle. *British Journal of Pharmacology*, **2005**, 146, 370-7	8.6	29
84	Heparanase induces inflammatory cell recruitment in vivo by promoting adhesion to vascular endothelium. *American Journal of Physiology - Cell Physiology*, **2014**, 306, C1184-90	5.4	28
83	Therapeutic Monoclonal Antibodies for the Treatment of Chronic Obstructive Pulmonary Disease. *Drugs*, **2016**, 76, 1257-1270	12.1	26
82	Inhaled nebulised unfractionated heparin improves lung function in moderate to very severe COPD: A pilot study. *Pulmonary Pharmacology and Therapeutics*, **2018**, 48, 88-96	3.5	25
81	Beclomethasone dipropionate, formoterol fumarate and glycopyrronium bromide: Synergy of triple combination therapy on human airway smooth muscle ex vivo. *British Journal of Pharmacology*, **2020**, 177, 1150-1163	8.6	24
80	Thiol-Based Drugs in Pulmonary Medicine: Much More than Mucolytics. *Trends in Pharmacological Sciences*, **2019**, 40, 452-463	13.2	22
79	Doxofylline, a novofylline inhibits lung inflammation induced by lipopolysacharide in the mouse. *Pulmonary Pharmacology and Therapeutics*, **2014**, 27, 170-8	3.5	21
78	Roflumilast: a phosphodiesterase-4 inhibitor for the treatment of respiratory disease. *Expert Opinion on Investigational Drugs*, **2006**, 15, 1105-13	5.9	21
77	The effects of heparin on the adhesion of human peripheral blood mononuclear cells to human stimulated umbilical vein endothelial cells. *British Journal of Pharmacology*, **2001**, 134, 827-36	8.6	21
76	Management of Chronic Obstructive Pulmonary Disease in Patients with Cardiovascular Diseases. *Drugs*, **2017**, 77, 721-732	12.1	20
75	Effect of a 5-lipoxygenase inhibitor and leukotriene antagonist (PF 5901) on antigen-induced airway responses in neonatally immunized rabbits. *British Journal of Pharmacology*, **1994**, 112, 292-8	8.6	18
74	Prospects for COPD treatment. *Current Opinion in Pharmacology*, **2021**, 56, 74-84	5.1	18
73	Contribution of sensory nerves to LPS-induced hyperresponsiveness of human isolated bronchi. *Life Sciences*, **2015**, 131, 44-50	6.8	17

72	The effect of phytocannabinoids on airway hyper-responsiveness, airway inflammation, and cough. *Journal of Pharmacology and Experimental Therapeutics*, **2015**, 353, 169-80	4.7	17
71	A Non-Anticoagulant Fraction of Heparin Inhibits Leukocyte Diapedesis into the Lung by an Effect on Platelets. *American Journal of Respiratory Cell and Molecular Biology*, **2016**, 55, 554-563	5.7	17
70	LPS-induced Lung Platelet Recruitment Occurs Independently from Neutrophils, PSGL-1, and P-Selectin. *American Journal of Respiratory Cell and Molecular Biology*, **2019**, 61, 232-243	5.7	16
69	Paradoxical pharmacology: turning our pharmacological models upside down. *Trends in Pharmacological Sciences*, **2011**, 32, 197-200	13.2	16
68	Heparin and non-anticoagulant heparin attenuate histone-induced inflammatory responses in whole blood. *PLoS ONE*, **2020**, 15, e0233644	3.7	15
67	Pathogenesis of COPD and Asthma. *Handbook of Experimental Pharmacology*, **2017**, 237, 1-21	3.2	15
66	Predicting the Fine Particle Fraction of Dry Powder Inhalers Using Artificial Neural Networks. *Journal of Pharmaceutical Sciences*, **2017**, 106, 313-321	3.9	15
65	Role of glycosaminoglycans in inflammation. *Inflammopharmacology*, **2001**, 9, 165-169	5.1	15
64	2-Adrenoceptor signalling bias in asthma and COPD and the potential impact on the comorbidities associated with these diseases. *Current Opinion in Pharmacology*, **2018**, 40, 142-146	5.1	15
63	Impact of doxofylline in COPD: A pairwise meta-analysis. *Pulmonary Pharmacology and Therapeutics*, **2018**, 51, 1-9	3.5	14
62	Bifunctional Drugs for the Treatment of Respiratory Diseases. *Handbook of Experimental Pharmacology*, **2017**, 237, 197-212	3.2	14
61	Lung inflammation does not affect the clearance kinetics of lipid nanocapsules following pulmonary administration. *Journal of Controlled Release*, **2016**, 235, 24-33	11.7	14
60	Adenosine monophosphate is elevated in the bronchoalveolar lavage fluid of mice with acute respiratory toxicity induced by nanoparticles with high surface hydrophobicity. *Nanotoxicology*, **2015**, 9, 106-15	5.3	14
59	Pharmacology of a new cyclic nucleotide phosphodiesterase type 4 inhibitor, V11294. *Pulmonary Pharmacology and Therapeutics*, **2003**, 16, 97-104	3.5	14
58	Long-term observational study on the impact of GLP-1R agonists on lung function in diabetic patients. *Respiratory Medicine*, **2019**, 154, 86-92	4.6	13
57	Base-modified UDP-sugars reduce cell surface levels of P-selectin glycoprotein 1 (PSGL-1) on IL-1-stimulated human monocytes. *Glycobiology*, **2016**, 26, 1059-1071	5.8	13
56	Effect of Erdosteine on COPD Exacerbations in COPD Patients with Moderate Airflow Limitation. *International Journal of COPD*, **2019**, 14, 2733-2744	3	13
55	Impact of erdosteine on chronic bronchitis and COPD: A meta-analysis. *Pulmonary Pharmacology and Therapeutics*, **2018**, 48, 185-194	3.5	13

54	Steroid sparing effects of doxofylline. *Pulmonary Pharmacology and Therapeutics*, **2018**, 48, 1-4	3.5	12
53	Ozone-Induced Hypertussive Responses in Rabbits and Guinea Pigs. *Journal of Pharmacology and Experimental Therapeutics*, **2016**, 357, 73-83	4.7	12
52	Use of indacaterol for the treatment of COPD: a pharmacokinetic evaluation. *Expert Opinion on Drug Metabolism and Toxicology*, **2014**, 10, 129-37	5.5	12
51	Beta2-agonists and bronchial hyperresponsiveness. *Clinical Reviews in Allergy and Immunology*, **2006**, 31, 143-62	12.3	11
50	Effect of a 5-lipoxygenase inhibitor and leukotriene antagonist (PF 5901) on PAF-induced airway responses in neonatally immunized rabbits. *British Journal of Pharmacology*, **1992**, 107, 1108-15	8.6	11
49	Pharmacological characterization of the interaction between tiotropium bromide and olodaterol on human bronchi and small airways. *Pulmonary Pharmacology and Therapeutics*, **2019**, 56, 39-50	3.5	10
48	Antitussive effect of carcainium chloride in patients with chronic cough and idiopathic interstitial pneumonias: A pilot study. *Pulmonary Pharmacology and Therapeutics*, **2016**, 40, 91-4	3.5	10
47	Regulation of platelet function by catecholamines in the cerebral vasculature of the rabbit. *British Journal of Pharmacology*, **1999**, 127, 1652-6	8.6	10
46	Platelets Play a Central Role in Sensitization to Allergen. *American Journal of Respiratory Cell and Molecular Biology*, **2018**, 59, 96-103	5.7	9
45	Diverse signalling of the platelet P2Y receptor leads to a dichotomy in platelet function. *European Journal of Pharmacology*, **2018**, 827, 58-70	5.3	9
44	Effects of dexamethasone on airway hyper-responsiveness to the adenosine A1 receptor agonist cyclo-pentyl adenosine in an allergic rabbit model. *British Journal of Pharmacology*, **1999**, 126, 1513-21	8.6	9
43	Sex differences in the influence of obesity on a murine model of allergic lung inflammation. *Clinical and Experimental Allergy*, **2020**, 50, 256-266	4.1	9
42	INHALEd nebulised unfractionated HEParin for the treatment of hospitalised patients with COVID-19 (INHALE-HEP): Protocol and statistical analysis plan for an investigator-initiated international metatrial of randomised studies. *British Journal of Clinical Pharmacology*, **2021**, 87, 3075-3091	3.8	9
41	Effects of dopamine and selective dopamine agonists upon platelet accumulation in the cerebral and pulmonary vasculature of the rabbit. *British Journal of Pharmacology*, **1997**, 122, 682-6	8.6	8
40	Models used in the development of antitussive drugs. *Drug Discovery Today: Disease Models*, **2004**, 1, 297-302	1.3	8
39	Multifaceted Beneficial Effects of Erdosteine: More than a Mucolytic Agent. *Drugs*, **2020**, 80, 1799-1809	12.1	8
38	Update on animal models for COVID-19 research. *British Journal of Pharmacology*, **2020**, 177, 5679-5681	8.6	8
37	Long-Acting β-Agonists in Asthma: Enantioselective Safety Studies are Needed. *Drug Safety*, **2018**, 41, 441-449	5.1	7

36	A comparison of allergen and polycation induced cutaneous responses in the rabbit. *British Journal of Pharmacology*, **2001**, 133, 1181-9	8.6	7
35	A dichotomy in platelet activation: Evidence of different functional platelet responses to inflammatory versus haemostatic stimuli. *Thrombosis Research*, **2018**, 172, 110-118	8.2	7
34	Pharmacokinetic considerations concerning the use of bronchodilators in the treatment of chronic obstructive pulmonary disease. *Expert Opinion on Drug Metabolism and Toxicology*, **2018**, 14, 1101-1111	5.5	7
33	Effect of lipopolysaccharide on the responsiveness of equine bronchial tissue. *Pulmonary Pharmacology and Therapeutics*, **2018**, 49, 88-94	3.5	6
32	Structural characterization and anti-inflammatory activity of two novel polysaccharides from the sea squirt, Ascidiella aspersa. *Pulmonary Pharmacology and Therapeutics*, **2016**, 40, 69-79	3.5	6
31	Comparison of Oral, Intranasal and Aerosol Administration of Amiodarone in Rats as a Model of Pulmonary Phospholipidosis. *Pharmaceutics*, **2019**, 11,	6.4	6
30	Interaction of Formulation and Device Factors Determine the In Vitro Performance of Salbutamol Sulphate Dry Powders for Inhalation. *Journal of Pharmaceutical Sciences*, **2015**, 104, 3861-3869	3.9	6
29	Ensifentrine (RPL554): an inhaled bifunctional dual PDE3/4 inhibitor for the treatment of asthma and chronic obstructive pulmonary disease. *Pharmaceutical Patent Analyst*, **2018**, 7, 249-257	0.6	6
28	A new model for the continuous monitoring of polymorphonuclear leukocyte trapping in the pulmonary vasculature of the rabbit. *Journal of Pharmacological and Toxicological Methods*, **2002**, 48, 21-9	1.7	5
27	Extracellular matrix composition influences the resistance of airway remodelling events towards glucocorticoid treatment. *British Journal of Pharmacology*, **2003**, 138, 1181-2	8.6	5
26	Effect of PF 10040 on PAF-induced airway responses in neonatally immunized rabbits. *British Journal of Pharmacology*, **1994**, 111, 7-12	8.6	5
25	Nonantimicrobial Actions of Macrolides: Overview and Perspectives for Future Development. *Pharmacological Reviews*, **2021**, 73, 233-262	22.5	5
24	Biochemical and functional characterization of glycosaminoglycans released from degranulating rat peritoneal mast cells: Insights into the physiological role of endogenous heparin. *Pulmonary Pharmacology and Therapeutics*, **2016**, 41, 96-102	3.5	4
23	Inhaled nebulised unfractionated heparin for the treatment of hospitalised patients with COVID-19: A multicentre case series of 98 patients.. *British Journal of Clinical Pharmacology*, **2022**,	3.8	4
22	Platelets Independently Recruit into Asthmatic Lungs and Models of Allergic Inflammation via CCR3. *American Journal of Respiratory Cell and Molecular Biology*, **2021**, 64, 557-568	5.7	4
21	Using Salt Counterions to Modify Agonist Behavior in Vivo. *Molecular Pharmaceutics*, **2016**, 13, 3439-3448	4.6	4
20	Realising the potential of various inhaled airway challenge agents through improved delivery to the lungs. *Pulmonary Pharmacology and Therapeutics*, **2018**, 49, 27-35	3.5	3
19	Sir David Jack: an extraordinary drug discoverer and developer. *British Journal of Clinical Pharmacology*, **2013**, 75, 1213-8	3.8	3

18	Mechanisms of acute cough. *Pulmonary Pharmacology and Therapeutics*, **2004**, 17, 389-91	3.5	3
17	Modulation of allergic inflammation in the lung by a peptide derived from Mycobacteria tuberculosis chaperonin 60.1. *Clinical and Experimental Allergy*, **2020**, 50, 508-519	4.1	3
16	The anti-inflammatory effects of cannabidiol and cannabigerol alone, and in combination. *Pulmonary Pharmacology and Therapeutics*, **2021**, 69, 102047	3.5	3
15	Antitussive therapy: A role for levodropropizine. *Pulmonary Pharmacology and Therapeutics*, **2019**, 56, 79-85	3.5	1
14	A combined phase I/IIa study of the safety, bronchodilator and bronchoprotective effects of nebulized RPL554, a dual PDE3/4-inhibitor, in healthy subjects and asthmatics. *Clinical and Translational Allergy*, **2013**, 3, O13	5.2	1
13	Validating 123I-metaiodobenzylguanidine as a platelet marker for non-invasive imaging in rabbits. *Journal of Pharmacological and Toxicological Methods*, **2011**, 63, 69-78	1.7	1
12	In-vivo skills and UK competitiveness in biomedical sciences. *Lancet, The*, **2008**, 371, 708-9	40	1
11	Red Blood Cells Elicit Platelet-Dependent Neutrophil Recruitment Into Lung Airspaces. *Shock*, **2021**, 56, 278-286	3.4	1
10	Perspectives of Pharmacology over the Past 100 Years. *Handbook of Experimental Pharmacology*, **2019**, 260, 3-16	3.2	1
9	A peptide derived from chaperonin 60.1, IRL201104, inhibits LPS-induced acute lung inflammation. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2021**, 321, L803-L813	5.8	1
8	Multi-walled carbon nanotubes induce airway hyperresponsiveness in human bronchi by stimulating sensory C-fibers and increasing the release of neuronal acetylcholine. *Expert Review of Respiratory Medicine*, **2021**, 15, 1473-1481	3.8	1
7	Inhaled PDE3/4 inhibitors as novel “bifunctional” drugs for the treatment of asthma and chronic obstructive pulmonary disease (COPD). *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, SY64-3	0	
6	An in vitro bioassay for evaluating the effect of inhaled bronchodilators on airway smooth muscle. *Pulmonary Pharmacology and Therapeutics*, **2020**, 63, 101943	3.5	
5	Gustav Born: pioneer in imaging platelet and leukocyte biology. *Platelets*, **2018**, 29, 766-770	3.6	
4	Heparin and non-anticoagulant heparin attenuate histone-induced inflammatory responses in whole blood **2020**, 15, e0233644		
3	Heparin and non-anticoagulant heparin attenuate histone-induced inflammatory responses in whole blood **2020**, 15, e0233644		
2	Heparin and non-anticoagulant heparin attenuate histone-induced inflammatory responses in whole blood **2020**, 15, e0233644		
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