

# Edwin R Chilvers

## List of Publications by Citations

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156  
papers

9,251  
citations

48  
h-index

93  
g-index

166  
ext. papers

10,502  
ext. citations

8  
avg, IF

5.62  
L-index

#	Paper	IF	Citations
156	Neutrophil kinetics in health and disease. <i>Trends in Immunology</i> , <b>2010</b> , 31, 318-24	14.4	658
155	Hypoxia-induced neutrophil survival is mediated by HIF-1alpha-dependent NF-kappaB activity. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 201, 105-15	16.6	632
154	Extracellular matrix proteins protect small cell lung cancer cells against apoptosis: a mechanism for small cell lung cancer growth and drug resistance in vivo. <i>Nature Medicine</i> , <b>1999</b> , 5, 662-8	50.5	613
153	Phosphoinositide 3-kinase $\beta$ gene mutation predisposes to respiratory infection and airway damage. <i>Science</i> , <b>2013</b> , 342, 866-71	33.3	424
152	PtdIns(3)P regulates the neutrophil oxidase complex by binding to the PX domain of p40(phox). <i>Nature Cell Biology</i> , <b>2001</b> , 3, 679-82	23.4	361
151	NF-kappaB activation is a critical regulator of human granulocyte apoptosis in vitro. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 4309-18	5.4	269
150	Regulation of Neutrophil Apoptosis by Tumor Necrosis Factor- $\alpha$ Requirement for TNFR55 and TNFR75 for Induction of Apoptosis In Vitro. <i>Blood</i> , <b>1997</b> , 90, 2772-2783	2.2	257
149	Sequential activation of class IB and class IA PI3K is important for the primed respiratory burst of human but not murine neutrophils. <i>Blood</i> , <b>2005</b> , 106, 1432-40	2.2	242
148	Copy number of FCGR3B, which is associated with systemic lupus erythematosus, correlates with protein expression and immune complex uptake. <i>Journal of Experimental Medicine</i> , <b>2008</b> , 205, 1573-82	16.6	183
147	Hypoxia prolongs neutrophil survival in vitro. <i>FEBS Letters</i> , <b>1995</b> , 372, 233-7	3.8	161
146	Acceleration of human neutrophil apoptosis by TRAIL. <i>Journal of Immunology</i> , <b>2003</b> , 170, 1027-33	5.3	149
145	Pharmacological manipulation of granulocyte apoptosis: potential therapeutic targets. <i>Trends in Pharmacological Sciences</i> , <b>1999</b> , 20, 503-9	13.2	148
144	Advances in neutrophil biology: clinical implications. <i>Chest</i> , <b>2008</b> , 134, 606-612	5.3	142
143	Gbetagammas and the Ras binding domain of p110gamma are both important regulators of PI(3)Kgamma signalling in neutrophils. <i>Nature Cell Biology</i> , <b>2006</b> , 8, 1303-9	23.4	142
142	The Neutrophil Life Cycle. <i>Trends in Immunology</i> , <b>2019</b> , 40, 584-597	14.4	139
141	Viscoelastic properties of differentiating blood cells are fate- and function-dependent. <i>PLoS ONE</i> , <b>2012</b> , 7, e45237	3.7	133
140	Prolyl hydroxylase 3 (PHD3) is essential for hypoxic regulation of neutrophilic inflammation in humans and mice. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 1053-63	15.9	129

139	Treating idiopathic pulmonary fibrosis with the addition of co-trimoxazole: a randomised controlled trial. <i>Thorax</i> , <b>2013</b> , 68, 155-62	7.3	128
138	Polymers of alpha(1)-antitrypsin are chemotactic for human neutrophils: a new paradigm for the pathogenesis of emphysema. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2002</b> , 26, 723-30	5.7	125
137	Platelet-derived growth factor-BB and thrombin activate phosphoinositide 3-kinase and protein kinase B: role in mediating airway smooth muscle proliferation. <i>Molecular Pharmacology</i> , <b>1998</b> , 54, 1007-13	4.3	111
136	A regulatory role for cAMP in phosphatidylinositol 3-kinase/p70 ribosomal S6 kinase-mediated DNA synthesis in platelet-derived-growth-factor-stimulated bovine airway smooth-muscle cells. <i>Biochemical Journal</i> , <b>1996</b> , 318 ( Pt 3), 965-71	3.8	108
135	Non-infectious pulmonary toxicity of rituximab: a systematic review. <i>Rheumatology</i> , <b>2012</b> , 51, 653-62	3.9	105
134	Role of PI3-kinase-dependent Bad phosphorylation and altered transcription in cytokine-mediated neutrophil survival. <i>Blood</i> , <b>2002</b> , 100, 2607-16	2.2	100
133	Non-infectious pulmonary complications of newer biological agents for rheumatic diseases--a systematic literature review. <i>Rheumatology</i> , <b>2011</b> , 50, 2297-305	3.9	98
132	HIF2 $\beta$ arginase axis is essential for the development of pulmonary hypertension. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 8801-6	11.5	97
131	Involvement of mitogen-activated protein kinase homologues in the regulation of lipopolysaccharide-mediated induction of cyclo-oxygenase-2 but not nitric oxide synthase in RAW 264.7 macrophages. <i>Cellular Signalling</i> , <b>1999</b> , 11, 491-7	4.9	95
130	Hypoxia selectively inhibits respiratory burst activity and killing of <i>Staphylococcus aureus</i> in human neutrophils. <i>Journal of Immunology</i> , <b>2011</b> , 186, 453-463	5.3	94
129	Pulmonary retention of primed neutrophils: a novel protective host response, which is impaired in the acute respiratory distress syndrome. <i>Thorax</i> , <b>2014</b> , 69, 623-9	7.3	93
128	Hypoxia-inducible factor 2 $\beta$ regulates key neutrophil functions in humans, mice, and zebrafish. <i>Blood</i> , <b>2014</b> , 123, 366-76	2.2	90
127	Involvement of a ferroprotein sensor in hypoxia-mediated inhibition of neutrophil apoptosis. <i>Blood</i> , <b>2002</b> , 100, 3008-16	2.2	90
126	C13orf31 (FAMIN) is a central regulator of immunometabolic function. <i>Nature Immunology</i> , <b>2016</b> , 17, 1046-56	19.1	87
125	Induction of human neutrophil apoptosis by nitric oxide donors: evidence for a caspase-dependent, cyclic-GMP-independent, mechanism. <i>Biochemical Pharmacology</i> , <b>2000</b> , 59, 305-14	6	80
124	The survival effect of TNF-alpha in human neutrophils is mediated via NF-kappa B-dependent IL-8 release. <i>European Journal of Immunology</i> , <b>2004</b> , 34, 1733-43	6.1	79
123	Detection of human disease conditions by single-cell morpho-rheological phenotyping of blood. <i>ELife</i> , <b>2018</b> , 7,	8.9	78
122	Acute Respiratory Distress Syndrome Neutrophils Have a Distinct Phenotype and Are Resistant to Phosphoinositide 3-Kinase Inhibition. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2016</b> , 194, 961-973	10.2	77

121	Phosphatidylinositol 3-kinase mediates mitogen-induced human airway smooth muscle cell proliferation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>1999</b> , 277, L65-78	5.8	72
120	Allergens as immunomodulatory proteins: the cat dander protein Fel d 1 enhances TLR activation by lipid ligands. <i>Journal of Immunology</i> , <b>2013</b> , 191, 1529-35	5.3	71
119	Pulmonary complications of infliximab therapy in patients with rheumatoid arthritis. <i>Journal of Rheumatology</i> , <b>2006</b> , 33, 622-8	4.1	70
118	The role of HIF-1alpha in myeloid cell inflammation. <i>Trends in Immunology</i> , <b>2005</b> , 26, 434-9	14.4	68
117	Sphingosine kinase: a point of convergence in the action of diverse neutrophil priming agents. <i>Journal of Immunology</i> , <b>2002</b> , 169, 6394-400	5.3	68
116	Dissociation between respiratory burst activity and deoxyglucose uptake in human neutrophil granulocytes: implications for interpretation of (18)F-FDG PET images. <i>Journal of Nuclear Medicine</i> , <b>2002</b> , 43, 652-7	8.9	68
115	Mass changes of inositol(1,4,5)trisphosphate in trachealis muscle following agonist stimulation. <i>European Journal of Pharmacology</i> , <b>1989</b> , 164, 587-90	5.3	67
114	Evasion of Neutrophil Extracellular Traps by Respiratory Pathogens. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2017</b> , 56, 423-431	5.7	64
113	Hypoxia upregulates neutrophil degranulation and potential for tissue injury. <i>Thorax</i> , <b>2016</b> , 71, 1030-1038	3.3	61
112	Neutrophils from patients with heterozygous germline mutations in the von Hippel Lindau protein (pVHL) display delayed apoptosis and enhanced bacterial phagocytosis. <i>Blood</i> , <b>2006</b> , 108, 3176-8	2.2	58
111	Effect of percutaneous transcatheter embolization on pulmonary function, right-to-left shunt, and arterial oxygenation in patients with pulmonary arteriovenous malformations. <i>The American Review of Respiratory Disease</i> , <b>1990</b> , 142, 420-5		58
110	Regulation of phosphatidylinositol 3-kinase activity and phosphatidylinositol 3,4,5-trisphosphate accumulation by neutrophil priming agents. <i>Journal of Immunology</i> , <b>2002</b> , 169, 3336-44	5.3	56
109	Stimulation by endothelin-1 of mitogen-activated protein kinases and DNA synthesis in bovine tracheal smooth muscle cells. <i>British Journal of Pharmacology</i> , <b>1995</b> , 116, 2267-73	8.6	51
108	Prolyl hydroxylase 2 inactivation enhances glycogen storage and promotes excessive neutrophilic responses. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 3407-3420	15.9	48
107	Mechanical deformation induces depolarization of neutrophils. <i>Science Advances</i> , <b>2017</b> , 3, e1602536	14.3	46
106	Use of 111-Indium-labeled autologous eosinophils to establish the in vivo kinetics of human eosinophils in healthy subjects. <i>Blood</i> , <b>2012</b> , 120, 4068-71	2.2	46
105	Hypoxia determines survival outcomes of bacterial infection through HIF-1alpha dependent re-programming of leukocyte metabolism. <i>Science Immunology</i> , <b>2017</b> , 2,	28	45
104	Priming and de-priming of neutrophil responses in vitro and in vivo. <i>European Journal of Clinical Investigation</i> , <b>2018</b> , 48 Suppl 2, e12967	4.6	44

103	z-VAD-fmk augmentation of TNF alpha-stimulated neutrophil apoptosis is compound specific and does not involve the generation of reactive oxygen species. <i>Blood</i> , <b>2005</b> , 105, 2970-2	2.2	44
102	HIF isoforms in the skin differentially regulate systemic arterial pressure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 17570-5	11.5	43
101	Quantification of Lung PET Images: Challenges and Opportunities. <i>Journal of Nuclear Medicine</i> , <b>2017</b> , 58, 201-207	8.9	40
100	Alveolar Macrophages Isolated Directly From Human Cytomegalovirus (HCMV)-Seropositive Individuals Are Sites of HCMV Reactivation In Vivo. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 211, 1936-42	7	40
99	Novel anti-tumour necrosis factor receptor-1 (TNFR1) domain antibody prevents pulmonary inflammation in experimental acute lung injury. <i>Thorax</i> , <b>2018</b> , 73, 723-730	7.3	39
98	Mechanics meets medicine. <i>Science Translational Medicine</i> , <b>2013</b> , 5, 212fs41	17.5	37
97	Priming of human neutrophil superoxide generation by tumour necrosis factor-alpha is signalled by enhanced phosphatidylinositol 3,4,5-trisphosphate but not inositol 1,4,5-trisphosphate accumulation. <i>FEBS Letters</i> , <b>1998</b> , 439, 147-51	3.8	36
96	Functional redundancy of class I phosphoinositide 3-kinase (PI3K) isoforms in signaling growth factor-mediated human neutrophil survival. <i>PLoS ONE</i> , <b>2012</b> , 7, e45933	3.7	34
95	Phenotypically distinct neutrophils patrol uninfected human and mouse lymph nodes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 19083-19089	11.5	34
94	RhoG regulates the neutrophil NADPH oxidase. <i>Journal of Immunology</i> , <b>2006</b> , 176, 5314-20	5.3	33
93	Priming induces functional coupling of N-formyl-methionyl-leucyl-phenylalanine receptors in equine neutrophils. <i>Journal of Leukocyte Biology</i> , <b>1998</b> , 63, 380-8	6.5	33
92	Eros is a novel transmembrane protein that controls the phagocyte respiratory burst and is essential for innate immunity. <i>Journal of Experimental Medicine</i> , <b>2017</b> , 214, 1111-1128	16.6	32
91	The serpinopathies studying serpin polymerization in vivo. <i>Methods in Enzymology</i> , <b>2011</b> , 501, 421-66	1.7	32
90	Mechanism of accumulation of 99mTc-sulesomab in inflammation. <i>Journal of Nuclear Medicine</i> , <b>2003</b> , 44, 11-8	8.9	32
89	Bone morphogenetic protein 9 (BMP9) and BMP10 enhance tumor necrosis factor- $\beta$ -induced monocyte recruitment to the vascular endothelium mainly via activin receptor-like kinase 2. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 13714-13726	5.4	30
88	The HIF/VHL pathway: from oxygen sensing to innate immunity. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2008</b> , 38, 251-5	5.7	30
87	Eotaxin-1/CC chemokine ligand 11: a novel eosinophil survival factor secreted by human pulmonary artery endothelial cells. <i>Journal of Immunology</i> , <b>2007</b> , 179, 1264-73	5.3	29
86	Role of leukotrienes in the regulation of human granulocyte behaviour: dissociation between agonist-induced activation and retardation of apoptosis. <i>British Journal of Pharmacology</i> , <b>2003</b> , 139, 388-98	8.6	29

85	Mechanotransduction in neutrophil activation and deactivation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2015</b> , 1853, 3105-16	4.9	28
84	Effects of tocilizumab on neutrophil function and kinetics. <i>European Journal of Clinical Investigation</i> , <b>2017</b> , 47, 736-745	4.6	28
83	Granulocyte/macrophage colony-stimulating factor causes a paradoxical increase in the BH3-only pro-apoptotic protein Bim in human neutrophils. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2011</b> , 44, 879-87	5.7	28
82	Use of 18FDG-pet to discriminate between infection and rejection in lung transplant recipients. <i>Transplantation</i> , <b>2004</b> , 77, 1462-4	1.8	28
81	Acute lung injury results from failure of neutrophil de-priming: a new hypothesis. <i>European Journal of Clinical Investigation</i> , <b>2012</b> , 42, 1342-9	4.6	27
80	Randomised controlled trial of GM-CSF in critically ill patients with impaired neutrophil phagocytosis. <i>Thorax</i> , <b>2018</b> , 73, 918-925	7.3	26
79	Aminopeptidase N (CD13) regulates tumor necrosis factor-alpha-induced apoptosis in human neutrophils. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 12458-67	5.4	26
78	Metabolic Profiling of Human Eosinophils. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1404	8.4	25
77	Lack of effect of zaprinast on methacholine-induced contraction and inositol 1,4,5-trisphosphate accumulation in bovine tracheal smooth muscle. <i>British Journal of Pharmacology</i> , <b>1991</b> , 103, 1119-25	8.6	25
76	Neutrophil-mediated IL-6 receptor trans-signaling and the risk of chronic obstructive pulmonary disease and asthma. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 1584-1596	5.6	24
75	Dissociation of lipopolysaccharide-mediated induction of nitric oxide synthase and inhibition of DNA synthesis in RAW 264.7 macrophages and rat aortic smooth muscle cells. <i>British Journal of Pharmacology</i> , <b>1997</b> , 120, 1439-44	8.6	24
74	Real-time deformability cytometry reveals sequential contraction and expansion during neutrophil priming. <i>Journal of Leukocyte Biology</i> , <b>2019</b> , 105, 1143-1153	6.5	21
73	Biomarkers of eosinophilic inflammation in asthma. <i>Expert Review of Respiratory Medicine</i> , <b>2014</b> , 8, 143-508		21
72	Beta-adrenoceptor induced inhibition of muscarinic receptor-stimulated phosphoinositide metabolism is agonist specific in bovine tracheal smooth muscle. <i>European Journal of Pharmacology</i> , <b>1991</b> , 207, 243-8		21
71	The counter-intuitive role of the neutrophil in the acute respiratory distress syndrome. <i>British Medical Bulletin</i> , <b>2019</b> , 131, 43-55	5.4	20
70	TARM1 Is a Novel Leukocyte Receptor Complex-Encoded ITAM Receptor That Costimulates Proinflammatory Cytokine Secretion by Macrophages and Neutrophils. <i>Journal of Immunology</i> , <b>2015</b> , 195, 3149-59	5.3	20
69	Hypoxia. Hypoxia, hypoxia inducible factor and myeloid cell function. <i>Arthritis Research and Therapy</i> , <b>2009</b> , 11, 219	5.7	20
68	Quantification of neutrophil migration into the lungs of patients with chronic obstructive pulmonary disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2011</b> , 38, 911-9	8.8	19

67	Use of autologous Technetium-labelled neutrophils to quantify lung neutrophil clearance in COPD. <i>Thorax</i> , <b>2019</b> , 74, 659-666	7.3	18
66	Cardiovascular adaptation to hypoxia and the role of peripheral resistance. <i>ELife</i> , <b>2017</b> , 6,	8.9	18
65	Pulmonary elimination rate of inhaled 99mTc-sestamibi radioaerosol is delayed in healthy cigarette smokers. <i>British Journal of Clinical Pharmacology</i> , <b>2008</b> , 65, 611-4	3.8	18
64	C5a anaphylatoxin and its role in critical illness-induced organ dysfunction. <i>European Journal of Clinical Investigation</i> , <b>2018</b> , 48, e13028	4.6	18
63	The Efficacy and Mechanism Evaluation of Treating Idiopathic Pulmonary fibrosis with the Addition of Co-trimoxazole (EME-TIPAC): study protocol for a randomised controlled trial. <i>Trials</i> , <b>2018</b> , 19, 89	2.8	17
62	Effect of priming on activation and localization of phospholipase D-1 in human neutrophils. <i>FEBS Journal</i> , <b>2004</b> , 271, 2755-64		17
61	Phosphoinositide 3-kinase: a critical signalling event in pulmonary cells. <i>Respiratory Research</i> , <b>2000</b> , 1, 24-9	7.3	17
60	Phosphoinositide metabolism in airway smooth muscle <b>1994</b> , 62, 221-45		17
59	In vivo imaging reveals increased eosinophil uptake in the lungs of obese asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 142, 1659-1662.e8	11.5	17
58	Monocytes Latently Infected with Human Cytomegalovirus Evade Neutrophil Killing. <i>IScience</i> , <b>2019</b> , 12, 13-26	6.1	16
57	A novel RASA1 mutation causing capillary malformation-arteriovenous malformation (CM-AVM) presenting during pregnancy. <i>American Journal of Medical Genetics, Part A</i> , <b>2013</b> , 161A, 1690-4	2.5	16
56	NBEAL2 is required for neutrophil and NK cell function and pathogen defense. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 3521-3526	15.9	16
55	Bone Morphogenetic Protein 9 Enhances Lipopolysaccharide-Induced Leukocyte Recruitment to the Vascular Endothelium. <i>Journal of Immunology</i> , <b>2016</b> , 197, 3302-3314	5.3	16
54	Proteomic, biomechanical and functional analyses define neutrophil heterogeneity in systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , <b>2021</b> , 80, 209-218	2.4	16
53	C5a impairs phagosomal maturation in the neutrophil through phosphoproteomic remodeling. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	15
52	Human Cytomegalovirus Delays Neutrophil Apoptosis and Stimulates the Release of a Prosurvival Secretome. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1185	8.4	14
51	Epidermal deletion of HIF-2 $\beta$ stimulates wound closure. <i>Journal of Investigative Dermatology</i> , <b>2014</b> , 134, 801-808	4.3	14
50	Mathematical modeling supports the presence of neutrophil depriming in vivo. <i>Physiological Reports</i> , <b>2014</b> , 2, e00241	2.6	14



49	Regulation of Neutrophil Apoptosis by Tumor Necrosis Factor- $\alpha$ Requirement for TNFR55 and TNFR75 for Induction of Apoptosis In Vitro. <i>Blood</i> , <b>1997</b> , 90, 2772-2783	2.2	14
48	Genome-wide transcription profiling in neutrophils in acute respiratory distress syndrome. <i>Lancet, The</i> , <b>2015</b> , 385 Suppl 1, S55	4.0	13
47	Treating idiopathic pulmonary fibrosis with the addition of co-trimoxazole: an economic evaluation alongside a randomised controlled trial. <i>Pharmacoeconomics</i> , <b>2014</b> , 32, 87-99	4.4	13
46	Intravital Imaging of Adoptive T-Cell Morphology, Mobility and Trafficking Following Immune Checkpoint Inhibition in a Mouse Melanoma Model. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 1514	8.4	13
45	Effect of Co-trimoxazole (Trimethoprim-Sulfamethoxazole) vs Placebo on Death, Lung Transplant, or Hospital Admission in Patients With Moderate and Severe Idiopathic Pulmonary Fibrosis: The EME-TIPAC Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 324, 2282-2291	27.4	13
44	Hypoxic regulation of neutrophil function and consequences for Staphylococcus aureus infection. <i>Microbes and Infection</i> , <b>2017</b> , 19, 166-176	9.3	12
43	Hypoxic regulation of neutrophil apoptosis role: of reactive oxygen intermediates in constitutive and tumor necrosis factor alpha-induced cell death. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 1010, 417-25	6.5	12
42	Disturbed granulocyte macrophage-colony stimulating factor priming of phosphatidylinositol 3,4,5-trisphosphate accumulation and Rac activation in fMLP-stimulated neutrophils from patients with myelodysplasia. <i>Journal of Leukocyte Biology</i> , <b>2004</b> , 76, 254-62	6.5	11
41	Measuring whole-body neutrophil redistribution using a dedicated whole-body counter and ultra-low doses of <sup>111</sup> Indium. <i>European Journal of Clinical Investigation</i> , <b>2011</b> , 41, 77-83	4.6	10
40	Proteolytic action of duodenase is required to induce DNA synthesis in pulmonary artery fibroblasts. <i>FEBS Journal</i> , <b>2002</b> , 269, 1171-80		10
39	Circulating BMP9 Protects the Pulmonary Endothelium during Inflammation-induced Lung Injury in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2021</b> , 203, 1419-1430	10.2	10
38	Cardiac sarcoidosis - an expert review for the chest physician. <i>Expert Review of Respiratory Medicine</i> , <b>2019</b> , 13, 507-520	3.8	9
37	Use of technetium-99m-labeled eosinophils to detect active eosinophilic inflammation in humans. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2013</b> , 188, 880-2	10.2	9
36	Interstitial pneumonitis and anti-tumor necrosis factor-alpha therapy. <i>Journal of Rheumatology</i> , <b>2007</b> , 34, 238-9; author reply 239	4.1	9
35	Neutrophil GM-CSF receptor dynamics in acute lung injury. <i>Journal of Leukocyte Biology</i> , <b>2019</b> , 105, 1183-1194	11.94	8
34	Effect of the CXCR4 antagonist plerixafor on endogenous neutrophil dynamics in the bone marrow, lung and spleen. <i>Journal of Leukocyte Biology</i> , <b>2020</b> , 107, 1175-1185	6.5	8
33	Dissociation between beta-adrenoceptor-mediated cyclic AMP accumulation and inhibition of histamine-stimulated phosphoinositide metabolism in airways smooth muscle. <i>Biochemical Pharmacology</i> , <b>1997</b> , 53, 1565-8	6	8
32	Modernising medical careers, medical training application service, and the postgraduate medical education and training board: time for the emperors to don their clothes. <i>Lancet, The</i> , <b>2007</b> , 369, 967-8	4.0	8



31	Quantification of disease activity in patients undergoing leucocyte scintigraphy for suspected inflammatory bowel disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2005</b> , 32, 329-37	8.8	8
30	The Aminopeptidase CD13 Induces Homotypic Aggregation in Neutrophils and Impairs Collagen Invasion. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160108	3.7	8
29	AuthorQ response: co-trimoxazole treatment in idiopathic pulmonary fibrosis. <i>Thorax</i> , <b>2013</b> , 68, 884-5	7.3	7
28	Effects of membrane depolarization and changes in intra- and extracellular calcium concentration on phosphoinositide hydrolysis in bovine tracheal smooth muscle. <i>Biochemical Pharmacology</i> , <b>1994</b> , 47, 2171-9	6	7
27	Clinical application of autologous technetium-99m-labelled eosinophils to detect focal eosinophilic inflammation in the lung. <i>Thorax</i> , <b>2015</b> , 70, 1085-6	7.3	6
26	Live and let die: is neutrophil apoptosis defective in severe asthma?. <i>Thorax</i> , <b>2010</b> , 65, 665-7	7.3	6
25	Interleukin-10 does not directly affect the constitutive rate of human neutrophil or eosinophil apoptosis. <i>Biochemical Society Transactions</i> , <b>1997</b> , 25, 245S	5.1	6
24	Thrombin induces DNA synthesis and phosphoinositide hydrolysis in airway smooth muscle by activation of distinct receptors. <i>Biochemical Pharmacology</i> , <b>2005</b> , 70, 959-67	6	5
23	The mechanics of myeloid cells. <i>Biology of the Cell</i> , <b>2020</b> , 112, 103-112	3.5	5
22	Fat embolism syndrome with PurtscherQ retinopathy. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2013</b> , 187, 106	10.2	4
21	Transforming growth factor-beta increases the inhibitory effects of GM-CSF and dexamethasone on neutrophil apoptosis. <i>Biochemical Society Transactions</i> , <b>1997</b> , 25, 244S	5.1	4
20	imaging of hepatic neutrophil migration in severe alcoholic hepatitis with In-radiolabelled leucocytes. <i>Bioscience Reports</i> , <b>2018</b> , 38,	4.1	3
19	Radiolabelled leucocytes in human pulmonary disease. <i>British Medical Bulletin</i> , <b>2018</b> , 127, 69-82	5.4	3
18	Does P-glycoprotein have a role in the lung clearances of inhaled 99mTc-sestamibi and 99mTc-tetrofosmin?. <i>Nuclear Medicine Communications</i> , <b>2009</b> , 30, 617-21	1.6	3
17	Medical training in the UK: sleepwalking to disaster. <i>Lancet, The</i> , <b>2007</b> , 369, 1673-5	4.0	3
16	Wortmannin enhances tumour necrosis factor alpha-stimulated neutrophil apoptosis. <i>Biochemical Society Transactions</i> , <b>1996</b> , 24, 80S	5.1	3
15	Lesson of the month: novel method to quantify neutrophil uptake in early lung cancer using SPECT-CT. <i>Thorax</i> , <b>2020</b> , 75, 1020-1023	7.3	3
14	Exposure of patients to ionising radiation during lung cancer diagnostic work-up. <i>Thorax</i> , <b>2017</b> , 72, 853-855	7.3	2

13	The Influence of the Spleen on Neutrophil Apoptosis in Vivo. <i>Journal of Cell Death</i> , <b>2011</b> , 4, JCD.S6444	1	2
12	Detection of sustained mass increases in inositol 1,3,4,5-tetrakisphosphate in agonist-stimulated airway smooth muscle. <i>Biochemical Society Transactions</i> , <b>1991</b> , 19, 76S	5.1	2
11	Elucidating mechanisms of genetic cross-disease associations: an integrative approach implicates protein C as a causal pathway in arterial and venous diseases		2
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9	Physiologic granulocyte destruction in vivo by apoptosis. <i>Journal of Nuclear Medicine</i> , <b>2004</b> , 45, 526	8.9	2
8	Circulating BMP9 protects the pulmonary endothelium during inflammation-induced lung injury in mice		1
7	Elucidating mechanisms of genetic cross-disease associations at the PROCR vascular disease locus. <i>Nature Communications</i> , <b>2022</b> , 13, 1222	17.4	0
6	Granulocyte apoptosis <b>2008</b> , 19-37		
5	Neutrophils: Biological Properties and Role in Health and Allergic Diseases 295-319		
4	Characterisation and Ca <sup>2+</sup> -dependency of the soluble and particulate Ins(1,4,5)P <sub>3</sub> 5-phosphatase in bovine tracheal smooth muscle. <i>Biochemical Society Transactions</i> , <b>1994</b> , 22, 314S	5.1	
3	Co-trimoxazole to reduce mortality, transplant, or unplanned hospitalisation in people with moderate to very severe idiopathic pulmonary fibrosis: the EME-TIPAC RCT. <i>Efficacy and Mechanism Evaluation</i> , <b>2021</b> , 8, 1-110	1.7	
2	Measurement of Eosinophil Kinetics In Vivo. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2241, 183-191	1.4	
1	Leukocytes/Neutrophils <b>2022</b> , 200-206		