

Catherine M Greene

List of Publications by Year in Descending Order

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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.

154
papers

7,092
citations

49
h-index

79
g-index

170
ext. papers

8,089
ext. citations

6.3
avg, IF

5.82
L-index

#	Paper	IF	Citations
154	miR-224-5p and miR-545-5p Levels Relate to Exacerbations and Lung Function in a Pilot Study of X-Linked MicroRNA Expression in Cystic Fibrosis Monocytes. <i>Frontiers in Genetics</i> , 2021 , 12, 739311	4.5	0
153	Increased focus on non-animal models for COVID-19 and non-COVID lung research. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	2
152	High-Throughput Identification of miRNA-Target Interactions in Melanoma Using miR-CATCHv2.0. <i>Methods in Molecular Biology</i> , 2021 , 2265, 487-512	1.4	
151	The long-term sequelae of COVID-19: an international consensus on research priorities for patients with pre-existing and new-onset airways disease. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 1467-1478	35.1	24
150	Impaired Airway Epithelial Barrier Integrity in Response to Proteases, Novel Insights Using Cystic Fibrosis Bronchial Epithelial Cell Secretomics. <i>Frontiers in Immunology</i> , 2020 , 11, 198	8.4	5
149	Precise Targeting of miRNA Sites Restores CFTR Activity in CF Bronchial Epithelial Cells. <i>Molecular Therapy</i> , 2020 , 28, 1190-1199	11.7	19
148	Alpha-1 Antitrypsin-A Target for MicroRNA-Based Therapeutic Development for Cystic Fibrosis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
147	Respiratory Drug/Vaccine Delivery Using Nanoparticles. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2020 , 125-154	0.5	1
146	The Estrogen-Induced miR-19 Downregulates Secretory Leucoprotease Inhibitor Expression in Monocytes. <i>Journal of Innate Immunity</i> , 2020 , 12, 90-102	6.9	5
145	Nebulised lipid-polymer hybrid nanoparticles for the delivery of a therapeutic anti-inflammatory microRNA to bronchial epithelial cells. <i>ERJ Open Research</i> , 2019 , 5,	3.5	24
144	Systematic evaluation of the microRNAome through miR-CATCHv2.0 identifies positive and negative regulators of -X1 mRNA. <i>RNA Biology</i> , 2019 , 16, 865-878	4.8	5
143	From the pathophysiology of the human lung alveolus to epigenetic editing: Congress 2018 highlights from ERS Assembly 3 "Basic and Translational Science.". <i>ERJ Open Research</i> , 2019 , 5,	3.5	2
142	Characterisation of the Major Extracellular Proteases of and Their Effects on Pulmonary Antiproteases. <i>Pathogens</i> , 2019 , 8,	4.5	5
141	Transforming Growth Factor- β Selectively Recruits microRNAs to the RNA-Induced Silencing Complex and Degrades CFTR mRNA under Permissive Conditions in Human Bronchial Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	7
140	Unmasking the pathological and therapeutic potential of histone deacetylases for liver cancer. <i>Expert Review of Gastroenterology and Hepatology</i> , 2019 , 13, 247-256	4.2	18
139	Cystic fibrosis: a model for precision medicine. <i>Expert Review of Precision Medicine and Drug Development</i> , 2018 , 3, 107-117	1.6	1
138	Cystic fibrosis epithelial cells are primed for apoptosis as a result of increased Fas (CD95). <i>Journal of Cystic Fibrosis</i> , 2018 , 17, 616-623	4.1	2

137	Challenges and future direction of molecular research in air pollution-related lung cancers. <i>Lung Cancer</i> , 2018 , 118, 69-75	5.9	40
136	Innate Immunity of the Lung: From Basic Mechanisms to Translational Medicine. <i>Journal of Innate Immunity</i> , 2018 , 10, 487-501	6.9	62
135	Assembly 3: Basic and Translational Sciences. <i>Breathe</i> , 2018 , 14, 67-68	1.8	
134	miR-CATCH Identifies Biologically Active miRNA Regulators of the Pro-Survival Gene XIAP, in Chinese Hamster Ovary Cells. <i>Biotechnology Journal</i> , 2018 , 13, e1700299	5.6	6
133	A review of the regulatory framework for nanomedicines in the European Union 2018 , 641-679		4
132	Biopolymer-Based Nanoparticles for Cystic Fibrosis Lung Gene Therapy Studies. <i>Materials</i> , 2018 , 11,	3.5	29
131	Non-coding RNA in cystic fibrosis. <i>Biochemical Society Transactions</i> , 2018 , 46, 619-630	5.1	17
130	Gender disparities in preterm neonatal outcomes. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018 , 107, 1494	3.1	43
129	CFTR dysfunction in cystic fibrosis and chronic obstructive pulmonary disease. <i>Expert Review of Respiratory Medicine</i> , 2018 , 12, 483-492	3.8	17
128	Nanotechnology approaches to pulmonary drug delivery 2018 , 221-253		11
127	The therapeutic properties of resminostat for hepatocellular carcinoma. <i>Oncoscience</i> , 2018 , 5, 196-208	0.8	6
126	Identification of a novel functional miR-143-5p recognition element in the Cystic Fibrosis Transmembrane Conductance Regulator 3'UTR. <i>AIMS Genetics</i> , 2018 , 5, 53-62	2.1	4
125	X Chromosome-encoded MicroRNAs Are Functionally Increased in Cystic Fibrosis Monocytes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 668-670	10.2	5
124	Knockdown of Gene Expression in Macrophages by microRNA Mimic-Containing Poly (Lactic-glycolic Acid) Microparticles. <i>Medicines (Basel, Switzerland)</i> , 2018 , 5,	4.1	7
123	Airway Epithelium Dysfunction in Cystic Fibrosis and COPD. <i>Mediators of Inflammation</i> , 2018 , 2018, 1309746	4.6	39
122	Expression of X-linked Toll-like receptor 4 signaling genes in female vs. male neonates. <i>Pediatric Research</i> , 2017 , 81, 831-837	3.2	12
121	Alpha-1 antitrypsin augmentation therapy decreases miR-199a-5p, miR-598 and miR-320a expression in monocytes via inhibition of NF κ B. <i>Scientific Reports</i> , 2017 , 7, 13803	4.9	4
120	Immune function? A missing link in the gender disparity in preterm neonatal outcomes. <i>Expert Review of Clinical Immunology</i> , 2017 , 13, 1061-1071	5.1	29

119	Reduced pro-inflammatory responses to <i>Staphylococcus aureus</i> bloodstream infection and low prevalence of enterotoxin genes in isolates from patients on haemodialysis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2017 , 36, 33-42	5.3	1
118	Identification of MiR-21-5p as a Functional Regulator of Mesothelin Expression Using MicroRNA Capture Affinity Coupled with Next Generation Sequencing. <i>PLoS ONE</i> , 2017 , 12, e0170999	3.7	19
117	Ursodeoxycholic acid inhibits TNF α -induced IL-8 release from monocytes. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 311, G334-41	5.1	19
116	microRNA regulatory circuits in a mouse model of inherited retinal degeneration. <i>Scientific Reports</i> , 2016 , 6, 31431	4.9	24
115	α -Antitrypsin deficiency. <i>Nature Reviews Disease Primers</i> , 2016 , 2, 16051	51.1	124
114	Sexual maturation protects against development of lung inflammation through estrogen. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 310, L166-74	5.8	18
113	Differential In Vitro and In Vivo Toxicities of Antimicrobial Peptide Prodrugs for Potential Use in Cystic Fibrosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 2813-21	5.9	22
112	High-throughput profiling for discovery of non-coding RNA biomarkers of lung disease. <i>Expert Review of Molecular Diagnostics</i> , 2016 , 16, 173-85	3.8	3
111	The basophil surface marker CD203c identifies <i>Aspergillus</i> species sensitization in patients with cystic fibrosis. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 436-443.e9	11.5	44
110	Reduced miR-659-3p Levels Correlate with Progranulin Increase in Hypoxic Conditions: Implications for Frontotemporal Dementia. <i>Frontiers in Molecular Neuroscience</i> , 2016 , 9, 31	6.1	17
109	Toll-Like Receptors in Cystic Fibrosis: Impact of Dysfunctional microRNA on Innate Immune Responses in the Cystic Fibrosis Lung. <i>Journal of Innate Immunity</i> , 2016 , 8, 541-549	6.9	9
108	miRNA-221 is elevated in cystic fibrosis airway epithelial cells and regulates expression of ATF6. <i>Molecular and Cellular Pediatrics</i> , 2015 , 2, 1	3.3	20
107	miR-17 overexpression in cystic fibrosis airway epithelial cells decreases interleukin-8 production. <i>European Respiratory Journal</i> , 2015 , 46, 1350-60	13.6	45
106	The Role of Short-Chain Fatty Acids, Produced by Anaerobic Bacteria, in the Cystic Fibrosis Airway. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 192, 1314-24	10.2	77
105	Transcription of Interleukin-8: How Altered Regulation Can Affect Cystic Fibrosis Lung Disease. <i>Biomolecules</i> , 2015 , 5, 1386-98	5.9	64
104	The Ability of Secretory Leukocyte Protease Inhibitor to Inhibit Apoptosis in Monocytes Is Independent of Its Antiprotease Activity. <i>Journal of Immunology Research</i> , 2015 , 2015, 507315	4.5	11
103	MicroRNA Dysregulation in Cystic Fibrosis. <i>Mediators of Inflammation</i> , 2015 , 2015, 529642	4.3	28
102	Non-coding RNA as lung disease biomarkers. <i>Thorax</i> , 2015 , 70, 501-3	7.3	36

101	The Biology of Long Non-Coding RNA 2015 , 21-42		2
100	miR-CATCH: microRNA capture affinity technology. <i>Methods in Molecular Biology</i> , 2015 , 1218, 365-73	1.4	14
99	The Biology of MicroRNA 2015 , 3-19		1
98	Therapeutic aerosol bioengineering of siRNA for the treatment of inflammatory lung disease by TNF gene silencing in macrophages. <i>Molecular Pharmaceutics</i> , 2014 , 11, 4270-9	5.6	16
97	Long noncoding RNAs in liver cancer: what we know in 2014. <i>Expert Opinion on Therapeutic Targets</i> , 2014 , 18, 1207-18	6.4	23
96	Long noncoding RNA are aberrantly expressed in vivo in the cystic fibrosis bronchial epithelium. <i>International Journal of Biochemistry and Cell Biology</i> , 2014 , 52, 184-91	5.6	43
95	Chemical structure and biological activity of a highly branched (1- β ,1- α)-D-glucan from <i>Ischrysis galbana</i> . <i>Carbohydrate Polymers</i> , 2014 , 111, 139-48	10.3	55
94	miR-31 dysregulation in cystic fibrosis airways contributes to increased pulmonary cathepsin S production. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 165-74	10.2	55
93	Cytokine responses to <i>Staphylococcus aureus</i> bloodstream infection differ between patient cohorts that have different clinical courses of infection. <i>BMC Infectious Diseases</i> , 2014 , 14, 580	4	31
92	miR-199a-5p silencing regulates the unfolded protein response in chronic obstructive pulmonary disease and α -antitrypsin deficiency. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 263-73	10.2	63
91	Bile acids stimulate chloride secretion through CFTR and calcium-activated Cl ⁻ channels in Calu-3 airway epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014 , 307, L407-18	5.8	21
90	Clarification of the risk of chronic obstructive pulmonary disease in α -antitrypsin deficiency PiMZ heterozygotes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 419-27	10.2	124
89	Potential of host defense peptide prodrugs as neutrophil elastase-dependent anti-infective agents for cystic fibrosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 978-85	5.9	24
88	Is there a therapeutic role for selenium in alpha-1 antitrypsin deficiency?. <i>Nutrients</i> , 2013 , 5, 758-70	6.7	3
87	RNAi in Respiratory Diseases 2013 , 391-416		
86	microRNAs in asthma: potential therapeutic targets. <i>Current Opinion in Pulmonary Medicine</i> , 2013 , 19, 66-72	3	35
85	Regulation of cystic fibrosis transmembrane conductance regulator by microRNA-145, -223, and -494 is altered in B508 cystic fibrosis airway epithelium. <i>Journal of Immunology</i> , 2013 , 190, 3354-62	5.3	87
84	<i>Aspergillus</i> -associated airway disease, inflammation, and the innate immune response. <i>BioMed Research International</i> , 2013 , 2013, 723129	3	68

83	MicroRNA Expression in Cystic Fibrosis Airway Epithelium. <i>Biomolecules</i> , 2013 , 3, 157-67	5.9	3
82	Isolation and identification of cell-specific microRNAs targeting a messenger RNA using a biotinylated anti-sense oligonucleotide capture affinity technique. <i>Nucleic Acids Research</i> , 2013 , 41, e71	20.1	52
81	Targeting miRNA-based medicines to cystic fibrosis airway epithelial cells using nanotechnology. <i>International Journal of Nanomedicine</i> , 2013 , 8, 3907-15	7.3	37
80	MicroRNAs and liver cancer associated with iron overload: therapeutic targets unravelled. <i>World Journal of Gastroenterology</i> , 2013 , 19, 5212-26	5.6	44
79	Ventriculoperitoneal shunt-related infections caused by <i>Staphylococcus epidermidis</i> : pathogenesis and implications for treatment. <i>British Journal of Neurosurgery</i> , 2012 , 26, 792-7	1	18
78	Innate immunity in cystic fibrosis lung disease. <i>Journal of Cystic Fibrosis</i> , 2012 , 11, 363-82	4.1	160
77	The effect of <i>Aspergillus fumigatus</i> infection on vitamin D receptor expression in cystic fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 186, 999-1007	10.2	76
76	Effect of estrogen on <i>Pseudomonas mucoidy</i> and exacerbations in cystic fibrosis. <i>New England Journal of Medicine</i> , 2012 , 366, 1978-86	59.2	111
75	Therapeutic modulation of miRNA for the treatment of proinflammatory lung diseases. <i>Expert Review of Anti-Infective Therapy</i> , 2012 , 10, 359-68	5.5	31
74	Vitamin D receptor agonists inhibit pro-inflammatory cytokine production from the respiratory epithelium in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2011 , 10, 428-34	4.1	42
73	The role of proteases, endoplasmic reticulum stress and SERPINA1 heterozygosity in lung disease and α 1-antitrypsin deficiency. <i>Expert Review of Respiratory Medicine</i> , 2011 , 5, 395-411	3.8	15
72	Quantification and evaluation of the role of antielastin autoantibodies in the emphysematous lung. <i>Pulmonary Medicine</i> , 2011 , 2011, 826160	5.3	17
71	SLPI and inflammatory lung disease in females. <i>Biochemical Society Transactions</i> , 2011 , 39, 1421-6	5.1	18
70	Alpha-1 antitrypsin deficiency. <i>Respiratory Medicine CME</i> , 2011 , 4, 1-8		8
69	High concentrations of pepsin in bronchoalveolar lavage fluid from children with cystic fibrosis are associated with high interleukin-8 concentrations. <i>Thorax</i> , 2011 , 66, 140-3	7.3	33
68	Measurement of the unfolded protein response (UPR) in monocytes. <i>Methods in Enzymology</i> , 2011 , 489, 83-95	1.7	3
67	In vitro activities of synthetic host defense propeptides processed by neutrophil elastase against cystic fibrosis pathogens. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 2487-9	5.9	15
66	Pulmonary proteases in the cystic fibrosis lung induce interleukin 8 expression from bronchial epithelial cells via a heme/meprin/epidermal growth factor receptor/Toll-like receptor pathway. <i>Journal of Biological Chemistry</i> , 2011 , 286, 7692-704	5.4	49

65	Evidence for unfolded protein response activation in monocytes from individuals with alpha-1 antitrypsin deficiency. <i>Journal of Immunology</i> , 2010 , 184, 4538-46	5.3	82
64	Functional study of elafin cleaved by <i>Pseudomonas aeruginosa</i> metalloproteinases. <i>Biological Chemistry</i> , 2010 , 391, 705-16	4.5	25
63	Protein misfolding and obstructive lung disease. <i>Proceedings of the American Thoracic Society</i> , 2010 , 7, 346-55		18
62	miR-126 is downregulated in cystic fibrosis airway epithelial cells and regulates TOM1 expression. <i>Journal of Immunology</i> , 2010 , 184, 1702-9	5.3	152
61	Anti-apoptotic effects of Z alpha1-antitrypsin in human bronchial epithelial cells. <i>European Respiratory Journal</i> , 2010 , 35, 1155-63	13.6	22
60	Inhibition of Toll-like receptor 2-mediated interleukin-8 production in Cystic Fibrosis airway epithelial cells via the alpha7-nicotinic acetylcholine receptor. <i>Mediators of Inflammation</i> , 2010 , 2010, 423241	4.3	21
59	Anti-proline-glycine-proline or antielastin autoantibodies are not evident in chronic inflammatory lung disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 31-5	10.2	60
58	17Beta-estradiol inhibits IL-8 in cystic fibrosis by up-regulating secretory leucoprotease inhibitor. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 62-72	10.2	72
57	MicroRNAs in inflammatory lung disease--master regulators or target practice?. <i>Respiratory Research</i> , 2010 , 11, 148	7.3	113
56	<i>Candida</i> species in cystic fibrosis: A road less travelled. <i>Medical Mycology</i> , 2010 , 48 Suppl 1, S114-24	3.9	47
55	Alpha-1 antitrypsin deficiency. <i>Respiratory Medicine</i> , 2010 , 104, 763-72	4.6	54
54	Z alpha1 antitrypsin deficiency and the endoplasmic reticulum stress response. <i>World Journal of Gastrointestinal Pharmacology and Therapeutics</i> , 2010 , 1, 94-101	3	24
53	How can we target pulmonary inflammation in cystic fibrosis?. <i>Open Respiratory Medicine Journal</i> , 2010 , 4, 18-9	1.1	1
52	Hot Topic: [How Can We Target Pulmonary Inflammation in Cystic Fibrosis? (Guest Editor: Catherine M. Greene)]. <i>Open Respiratory Medicine Journal</i> , 2010 , 4, 18-47	1.1	2
51	Selenoprotein S/SEPS1 modifies endoplasmic reticulum stress in Z variant alpha1-antitrypsin deficiency. <i>Journal of Biological Chemistry</i> , 2009 , 284, 16891-16897	5.4	44
50	Biofilm characteristics of <i>Staphylococcus epidermidis</i> isolates associated with device-related meningitis. <i>Journal of Medical Microbiology</i> , 2009 , 58, 855-862	3.2	22
49	LL-37 complexation with glycosaminoglycans in cystic fibrosis lungs inhibits antimicrobial activity, which can be restored by hypertonic saline. <i>Journal of Immunology</i> , 2009 , 183, 543-51	5.3	96
48	Community-acquired pneumonia in older patients: does age influence systemic cytokine levels in community-acquired pneumonia?. <i>Respirology</i> , 2009 , 14, 210-6	3.6	25

47	Staphylococcus epidermidis polysaccharide intercellular adhesin induces IL-8 expression in human astrocytes via a mechanism involving TLR2. <i>Cellular Microbiology</i> , 2009 , 11, 421-32	3.9	40
46	Proteases and antiproteases in chronic neutrophilic lung disease - relevance to drug discovery. <i>British Journal of Pharmacology</i> , 2009 , 158, 1048-58	8.6	103
45	Gene targeted therapeutics for liver disease in alpha-1 antitrypsin deficiency. <i>Biologics: Targets and Therapy</i> , 2009 , 63	4.4	
44	Gene targeted therapeutics for liver disease in alpha-1 antitrypsin deficiency. <i>Biologics: Targets and Therapy</i> , 2009 , 3, 63-75	4.4	15
43	Biofilm and the role of the ica operon and aap in Staphylococcus epidermidis isolates causing neurosurgical meningitis. <i>Clinical Microbiology and Infection</i> , 2008 , 14, 719-22	9.5	29
42	Toll-like receptors as therapeutic targets in cystic fibrosis. <i>Expert Opinion on Therapeutic Targets</i> , 2008 , 12, 1481-95	6.4	24
41	Targeting neutrophil elastase in cystic fibrosis. <i>Expert Opinion on Therapeutic Targets</i> , 2008 , 12, 145-57	6.4	62
40	Activation of the epidermal growth factor receptor (EGFR) by a novel metalloprotease pathway. <i>Journal of Biological Chemistry</i> , 2008 , 283, 31736-44	5.4	84
39	Elafin, an elastase-specific inhibitor, is cleaved by its cognate enzyme neutrophil elastase in sputum from individuals with cystic fibrosis. <i>Journal of Biological Chemistry</i> , 2008 , 283, 32377-85	5.4	59
38	Alpha-1-antitrypsin aerosolised augmentation abrogates neutrophil elastase-induced expression of cathepsin B and matrix metalloprotease 2 in vivo and in vitro. <i>Thorax</i> , 2008 , 63, 621-6	7.3	37
37	Alpha-1 antitrypsin deficiency: a conformational disease associated with lung and liver manifestations. <i>Journal of Inherited Metabolic Disease</i> , 2008 , 31, 21-34	5.4	50
36	Epithelial expression of TLR4 is modulated in COPD and by steroids, salmeterol and cigarette smoke. <i>Respiratory Research</i> , 2007 , 8, 84	7.3	84
35	Tauroursodeoxycholic acid inhibits apoptosis induced by Z alpha-1 antitrypsin via inhibition of Bad. <i>Hepatology</i> , 2007 , 46, 496-503	11.2	60
34	Effect of pro-inflammatory stimuli on mucin expression and inhibition by secretory leucoprotease inhibitor. <i>Cellular Microbiology</i> , 2007 , 9, 670-9	3.9	16
33	Secretory leucocyte protease inhibitor inhibits interferon-gamma-induced cathepsin S expression. <i>Journal of Biological Chemistry</i> , 2007 , 282, 33389-33395	5.4	35
32	Neutrophil elastase up-regulates cathepsin B and matrix metalloprotease-2 expression. <i>Journal of Immunology</i> , 2007 , 178, 5871-8	5.3	94
31	Elafin prevents lipopolysaccharide-induced AP-1 and NF-kappaB activation via an effect on the ubiquitin-proteasome pathway. <i>Journal of Biological Chemistry</i> , 2006 , 281, 34730-5	5.4	61
30	Antimicrobial proteins and polypeptides in pulmonary innate defence. <i>Respiratory Research</i> , 2006 , 7, 29	7.3	79

29	Interleukin-18 β 07 Promoter Polymorphism in Sarcoidosis: Ignoring Negative Results. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 173, 815-815	10.2	7
28	Respiratory epithelial cells require Toll-like receptor 4 for induction of human beta-defensin 2 by lipopolysaccharide. <i>Respiratory Research</i> , 2005 , 6, 116	7.3	73
27	Interleukin-1, Neutrophil Elastase, and Lipopolysaccharide: Key Pro- Inflammatory Stimuli Regulating Inflammation in Cystic Fibrosis. <i>Current Respiratory Medicine Reviews</i> , 2005 , 1, 43-67	0.3	5
26	Elastolytic proteases: inflammation resolution and dysregulation in chronic infective lung disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 171, 1070-6	10.2	89
25	Endotoxin up-regulates interleukin-18: potential role for gram-negative colonization in sarcoidosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 172, 1299-307	10.2	26
24	Viral inhibition of IL-1- and neutrophil elastase-induced inflammatory responses in bronchial epithelial cells. <i>Journal of Immunology</i> , 2005 , 175, 7594-601	5.3	25
23	TLR-induced inflammation in cystic fibrosis and non-cystic fibrosis airway epithelial cells. <i>Journal of Immunology</i> , 2005 , 174, 1638-46	5.3	191
22	Secretory leucoprotease inhibitor binds to NF-kappaB binding sites in monocytes and inhibits p65 binding. <i>Journal of Experimental Medicine</i> , 2005 , 202, 1659-68	16.6	164
21	Toll-like receptor expression and function in airway epithelial cells. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2005 , 53, 418-27	4	39
20	Secretory leucoprotease inhibitor impairs Toll-like receptor 2- and 4-mediated responses in monocytic cells. <i>Infection and Immunity</i> , 2004 , 72, 3684-7	3.7	77
19	Loss of microbicidal activity and increased formation of biofilm due to decreased lactoferrin activity in patients with cystic fibrosis. <i>Journal of Infectious Diseases</i> , 2004 , 190, 1245-53	7	133
18	Z alpha1-antitrypsin polymerizes in the lung and acts as a neutrophil chemoattractant. <i>Chest</i> , 2004 , 125, 1952-7	5.3	125
17	Activation of endoplasmic reticulum-specific stress responses associated with the conformational disease Z alpha 1-antitrypsin deficiency. <i>Journal of Immunology</i> , 2004 , 172, 5722-6	5.3	153
16	Inactivation of human beta-defensins 2 and 3 by elastolytic cathepsins. <i>Journal of Immunology</i> , 2003 , 171, 931-7	5.3	167
15	Neutrophil elastase up-regulates interleukin-8 via toll-like receptor 4. <i>FEBS Letters</i> , 2003 , 544, 129-32	3.8	187
14	Neutrophil elastase up-regulates human beta-defensin-2 expression in human bronchial epithelial cells. <i>FEBS Letters</i> , 2003 , 546, 233-6	3.8	19
13	Local impairment of anti-neutrophil elastase capacity in community-acquired pneumonia. <i>Journal of Infectious Diseases</i> , 2003 , 188, 769-76	7	36
12	Association of IL-10 polymorphism with severity of illness in community acquired pneumonia. <i>Thorax</i> , 2003 , 58, 154-6	7.3	148

- 11 Secretory leucoprotease inhibitor prevents lipopolysaccharide-induced I κ B α degradation without affecting phosphorylation or ubiquitination. *Journal of Biological Chemistry*, **2002**, 277, 33648-53^{5.4} 116
- 10 Tumor necrosis factor- α -converting enzyme: its role in community-acquired pneumonia. *Journal of Infectious Diseases*, **2002**, 186, 1790-6 7 20
- 9 Regulation of inflammation in community acquired pneumonia by TNF α converting enzyme. *Biochemical Society Transactions*, **2002**, 30, A39-A39 5.1
- 8 Interleukin-8 up-regulation by neutrophil elastase is mediated by MyD88/IRAK/TRAF-6 in human bronchial epithelium. *Journal of Biological Chemistry*, **2001**, 276, 35494-9 5.4 130
- 7 Cathepsin B, L, and S cleave and inactivate secretory leucoprotease inhibitor. *Journal of Biological Chemistry*, **2001**, 276, 33345-52 5.4 139
- 6 Role of IL-18 in CD4+ T lymphocyte activation in sarcoidosis. *Journal of Immunology*, **2000**, 165, 4718-24 5.3 74
- 5 Interleukin-1 receptor-associated kinase and TRAF-6 mediate the transcriptional regulation of interleukin-2 by interleukin-1 via NF κ B but unlike interleukin-1 are unable to stabilise interleukin-2 mRNA. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **1999**, 1451, 109-21 4.9 19
- 4 Signal transduction pathways activated by the IL-1 receptor family: ancient signaling machinery in mammals, insects, and plants. *Journal of Leukocyte Biology*, **1998**, 63, 650-657 6.5 406
- 3 Adhesion properties of mutants of *Staphylococcus aureus* defective in fibronectin-binding proteins and studies on the expression of fnb genes. *Molecular Microbiology*, **1995**, 17, 1143-52 4.1 246
- 2 α -antitrypsin deficiency 47-84
- 1 Microbial Recognition by Epithelium 169-185