Catherine M Greene

List of Publications by Year
in descending order

168 papers	8,915 citations	30070 54 h-index	48315 88 g-index
170 all docs	170 docs citations	170 times ranked	10550 citing authors

#	Article	IF	Citations
1	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.	3.3	497
2	Adhesion properties of mutants of Staphylococcus aureus defective in fibronectin-binding proteins and studies on the expression of fnb genes. Molecular Microbiology, 1995, 17, 1143-1152.	2.5	277
3	Neutrophil elastase up-regulates interleukin-8 via toll-like receptor 4. FEBS Letters, 2003, 544, 129-132.	2.8	216
4	Î±1-Antitrypsin deficiency. Nature Reviews Disease Primers, 2016, 2, 16051.	30.5	215
5	TLR-Induced Inflammation in Cystic Fibrosis and Non-Cystic Fibrosis Airway Epithelial Cells. Journal of Immunology, 2005, 174, 1638-1646.	0.8	208
6	Secretory leucoprotease inhibitor binds to NF-Î¹B binding sites in monocytes and inhibits p65 binding. Journal of Experimental Medicine, 2005, 202, 1659-1668.	8.5	204
7	Inactivation of Human Î²-Defensins 2 and 3 by Elastolytic Cathepsins. Journal of Immunology, 2003, 171, 931-937.	0.8	195
8	Innate immunity in cystic fibrosis lung disease. Journal of Cystic Fibrosis, 2012, 11, 363-382.	0.7	191
9	Association of IL-10 polymorphism with severity of illness in community acquired pneumonia. Thorax, 2003, 58, 154-156.	5.6	177
10	miR-126 Is Downregulated in Cystic Fibrosis Airway Epithelial Cells and Regulates TOM1 Expression. Journal of Immunology, 2010, 184, 1702-1709.	0.8	173
11	Activation of Endoplasmic Reticulum-Specific Stress Responses Associated with the Conformational Disease Z Î±1-Antitrypsin Deficiency. Journal of Immunology, 2004, 172, 5722-5726.	0.8	169
12	Cathepsin B, L, and S Cleave and Inactivate Secretory Leucoprotease Inhibitor. Journal of Biological Chemistry, 2001, 276, 33345-33352.	3.4	168
13	Clarification of the Risk of Chronic Obstructive Pulmonary Disease in Î±₁-Antitrypsin Deficiency PiMZ Heterozygotes. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 419-427.	5.6	156
14	Effect of Estrogen on Pseudomonas Mucoidy and Exacerbations in Cystic Fibrosis. New England Journal of Medicine, 2012, 366, 1978-1986.	27.0	155
15	Loss of Microbicidal Activity and Increased Formation of Biofilm Due to Decreased Lactoferrin Activity in Patients with Cystic Fibrosis. Journal of Infectious Diseases, 2004, 190, 1245-1253.	4.0	153
16	Z Î±1-Antitrypsin Polymerizes in the Lung and Acts as a Neutrophil Chemoattractant. Chest, 2004, 125, 1952-1957.	0.8	148
17	Interleukin-8 Up-regulation by Neutrophil Elastase Is Mediated by MyD88/IRAK/TRAF-6 in Human Bronchial Epithelium. Journal of Biological Chemistry, 2001, 276, 35494-35499.	3.4	145
18	Secretory Leucoprotease Inhibitor Prevents Lipopolysaccharide-induced IÎ¹BÎ± Degradation without Affecting Phosphorylation or Ubiquitination. Journal of Biological Chemistry, 2002, 277, 33648-33653.	3.4	137

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19	LL-37 Complexation with Glycosaminoglycans in Cystic Fibrosis Lungs Inhibits Antimicrobial Activity, Which Can Be Restored by Hypertonic Saline. Journal of Immunology, 2009, 183, 543-551.	0.8	129
20	MicroRNAs in inflammatory lung disease - master regulators or target practice?. Respiratory Research, 2010, 11, 148.	3.6	129
21	Proteases and antiproteases in chronic neutrophilic lung disease â€“ relevance to drug discovery. British Journal of Pharmacology, 2009, 158, 1048-1058.	5.4	124
22	Neutrophil Elastase Up-Regulates Cathepsin B and Matrix Metalloprotease-2 Expression. Journal of Immunology, 2007, 178, 5871-5878.	0.8	109
23	The Role of Short-Chain Fatty Acids, Produced by Anaerobic Bacteria, in the Cystic Fibrosis Airway. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1314-1324.	5.6	109
24	Regulation of Cystic Fibrosis Transmembrane Conductance Regulator by MicroRNA-145, -223, and -494 Is Altered in Î”F508 Cystic Fibrosis Airway Epithelium. Journal of Immunology, 2013, 190, 3354-3362.	0.8	105
25	Evidence for Unfolded Protein Response Activation in Monocytes from Individuals with Î±-1 Antitrypsin Deficiency. Journal of Immunology, 2010, 184, 4538-4546.	0.8	104
26	Epithelial expression of TLR4 is modulated in COPD and by steroids, salmeterol and cigarette smoke. Respiratory Research, 2007, 8, 84.	3.6	101
27	Innate Immunity of the Lung: From Basic Mechanisms to Translational Medicine. Journal of Innate Immunity, 2018, 10, 487-501.	3.8	101
28	Antimicrobial proteins and polypeptides in pulmonary innate defence. Respiratory Research, 2006, 7, 29.	3.6	100
29	Transcription of Interleukin-8: How Altered Regulation Can Affect Cystic Fibrosis Lung Disease. Biomolecules, 2015, 5, 1386-1398.	4.0	99
30	Gender disparities in preterm neonatal outcomes. Acta Paediatrica, International Journal of Paediatrics, 2018, 107, 1494-1499.	1.5	99
31	The Effect of Aspergillus fumigatus Infection on Vitamin D Receptor Expression in Cystic Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 999-1007.	5.6	98
32	Activation of the Epidermal Growth Factor Receptor (EGFR) by a Novel Metalloprotease Pathway. Journal of Biological Chemistry, 2008, 283, 31736-31744.	3.4	96
33	Elastolytic Proteases. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 1070-1076.	5.6	94
34	Role of IL-18 in CD4+ T Lymphocyte Activation in Sarcoidosis. Journal of Immunology, 2000, 165, 4718-4724.	0.8	90
35	Aspergillus-Associated Airway Disease, Inflammation, and the Innate Immune Response. BioMed Research International, 2013, 2013, 1-14.	1.9	90
36	Respiratory epithelial cells require Toll-like receptor 4 for induction of Human Î²-defensin 2 by Lipopolysaccharide. Respiratory Research, 2005, 6, 116.	3.6	85

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37	17Î²-Estradiol Inhibits IL-8 in Cystic Fibrosis by Up-Regulating Secretory Leucoprotease Inhibitor. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 62-72.	5.6	85
38	Secretory Leucoprotease Inhibitor Impairs Toll-Like Receptor 2- and 4-Mediated Responses in Monocytic Cells. Infection and Immunity, 2004, 72, 3684-3687.	2.2	84
39	The long-term sequelae of COVID-19: an international consensus on research priorities for patients with pre-existing and new-onset airways disease. Lancet Respiratory Medicine,the, 2021, 9, 1467-1478.	10.7	84
40	Targeting neutrophil elastase in cystic fibrosis. Expert Opinion on Therapeutic Targets, 2008, 12, 145-157.	3.4	79
41	Elafin, an Elastase-specific Inhibitor, Is Cleaved by Its Cognate Enzyme Neutrophil Elastase in Sputum from Individuals with Cystic Fibrosis. Journal of Biological Chemistry, 2008, 283, 32377-32385.	3.4	75
42	Elafin Prevents Lipopolysaccharide-induced AP-1 and NF-ÎºB Activation via an Effect on the Ubiquitin-Proteasome Pathway. Journal of Biological Chemistry, 2006, 281, 34730-34735.	3.4	71
43	Alpha-1 antitrypsin deficiency. Respiratory Medicine, 2010, 104, 763-772.	2.9	71
44	miR-199a-5p Silencing Regulates the Unfolded Protein Response in Chronic Obstructive Pulmonary Disease and Î±₁-Antitrypsin Deficiency. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 263-273.	5.6	71
45	miR-31 Dysregulation in Cystic Fibrosis Airways Contributes to Increased Pulmonary Cathepsin S Production. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 165-174.	5.6	71
46	Isolation and identification of cell-specific microRNAs targeting a messenger RNA using a biotinylated anti-sense oligonucleotide capture affinity technique. Nucleic Acids Research, 2013, 41, e71-e71.	14.5	70
47	Chemical structure and biological activity of a highly branched (1â†'3,1â†'6)-Î²-d-glucan from Isochrysis galbana. Carbohydrate Polymers, 2014, 111, 139-148.	10.2	70
48	Airway Epithelium Dysfunction in Cystic Fibrosis and COPD. Mediators of Inflammation, 2018, 2018, 1-20.	3.0	70
49	Tauroursodeoxycholic acid inhibits apoptosis induced by Z alpha-1 antitrypsin via inhibition of bad. Hepatology, 2007, 46, 496-503.	7.3	69
50	Antiâ€“Proline-Glycine-Proline or Antielastin Autoantibodies Are Not Evident in Chronic Inflammatory Lung Disease. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 31-35.	5.6	69
51	miR-17 overexpression in cystic fibrosis airway epithelial cells decreases interleukin-8 production. European Respiratory Journal, 2015, 46, 1350-1360.	6.7	64
52	Alphaâ€1 antitrypsin deficiency: A conformational disease associated with lung and liver manifestations. Journal of Inherited Metabolic Disease, 2008, 31, 21-34.	3.6	63
53	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. Journal of Biological Chemistry, 2011, 286, 7692-7704.	3.4	59
54	Selenoprotein S/SEPS1 Modifies Endoplasmic Reticulum Stress in Z Variant Î±1-Antitrypsin Deficiency. Journal of Biological Chemistry, 2009, 284, 16891-16897.	3.4	56

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55	Candidaspecies in cystic fibrosis: A road less travelled. Medical Mycology, 2010, 48, S114-S124.	0.7	54
56	Vitamin D receptor agonists inhibit pro-inflammatory cytokine production from the respiratory epithelium in cystic fibrosis. Journal of Cystic Fibrosis, 2011, 10, 428-434.	0.7	52
57	MicroRNAs and liver cancer associated with iron overload: Therapeutic targets unravelled. World Journal of Gastroenterology, 2013, 19, 5212.	3.3	52
58	Long noncoding RNA are aberrantly expressed in vivo in the cystic fibrosis bronchial epithelium. International Journal of Biochemistry and Cell Biology, 2014, 52, 184-191.	2.8	51
59	Challenges and future direction of molecular research in air pollution-related lung cancers. Lung Cancer, 2018, 118, 69-75.	2.0	51
60	Alpha-1-antitrypsin aerosolised augmentation abrogates neutrophil elastase-induced expression of cathepsin B and matrix metalloprotease 2 in vivo and in vitro. Thorax, 2008, 63, 621-626.	5.6	50
61	Non-coding RNA as lung disease biomarkers: FigureÂ1. Thorax, 2015, 70, 501-503.	5.6	49
62	Secretory Leucocyte Protease Inhibitor Inhibits Interferon-Î³-induced Cathepsin S Expression. Journal of Biological Chemistry, 2007, 282, 33389-33395.	3.4	47
63	The basophil surface marker CD203c identifies Aspergillus species sensitization in patients with cystic fibrosis. Journal of Allergy and Clinical Immunology, 2016, 137, 436-443.e9.	2.9	47
64	CFTR dysfunction in cystic fibrosis and chronic obstructive pulmonary disease. Expert Review of Respiratory Medicine, 2018, 12, 483-492.	2.5	44
65	Targeting miRNA-based medicines to cystic fibrosis airway epithelial cells using nanotechnology. International Journal of Nanomedicine, 2013, 8, 3907.	6.7	43
66	Staphylococcus epidermidispolysaccharide intercellular adhesin induces IL-8 expression in human astrocytes via a mechanism involving TLR2. Cellular Microbiology, 2009, 11, 421-432.	2.1	42
67	Biopolymer-Based Nanoparticles for Cystic Fibrosis Lung Gene Therapy Studies. Materials, 2018, 11, 122.	2.9	42
68	Toll-like receptor expression and function in airway epithelial cells. Archivum Immunologiae Et Therapiae Experimentalis, 2005, 53, 418-27.	2.3	40
69	Local Impairment of Antiâ€“Neutrophil Elastase Capacity in Communityâ€Acquired Pneumonia. Journal of Infectious Diseases, 2003, 188, 769-776.	4.0	39
70	Immune function? A missing link in the gender disparity in preterm neonatal outcomes. Expert Review of Clinical Immunology, 2017, 13, 1061-1071.	3.0	39
71	Precise Targeting of miRNA Sites Restores CFTR Activity in CF Bronchial Epithelial Cells. Molecular Therapy, 2020, 28, 1190-1199.	8.2	39
72	Biofilm and the role of the ica operon and aap in Staphylococcus epidermidis isolates causing neurosurgical meningitis. Clinical Microbiology and Infection, 2008, 14, 719-722.	6.0	38

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73	microRNAs in asthma. Current Opinion in Pulmonary Medicine, 2013, 19, 66-72.	2.6	38
74	High concentrations of pepsin in bronchoalveolar lavage fluid from children with cystic fibrosis are associated with high interleukin-8 concentrations. Thorax, 2011, 66, 140-143.	5.6	37
75	Therapeutic modulation of miRNA for the treatment of proinflammatory lung diseases. Expert Review of Anti-Infective Therapy, 2012, 10, 359-368.	4.4	35
76	Nebulised lipidâ€“polymer hybrid nanoparticles for the delivery of a therapeutic anti-inflammatory microRNA to bronchial epithelial cells. ERJ Open Research, 2019, 5, 00161-2018.	2.6	35
77	Communityâ€acquired pneumonia in older patients: Does age influence systemic cytokine levels in communityâ€acquired pneumonia?. Respirology, 2009, 14, 210-216.	2.3	34
78	Cytokine responses to Staphylococcus aureusbloodstream infection differ between patient cohorts that have different clinical courses of infection. BMC Infectious Diseases, 2014, 14, 580.	2.9	34
79	Z Î±-1 antitrypsin deficiency and the endoplasmic reticulum stress response. World Journal of Gastrointestinal Pharmacology and Therapeutics, 2010, 1, 94.	1.1	34
80	MicroRNA Dysregulation in Cystic Fibrosis. Mediators of Inflammation, 2015, 2015, 1-7.	3.0	33
81	microRNA regulatory circuits in a mouse model of inherited retinal degeneration. Scientific Reports, 2016, 6, 31431.	3.3	32
82	Functional study of elafin cleaved by Pseudomonas aeruginosa metalloproteinases. Biological Chemistry, 2010, 391, 705-16.	2.5	31
83	Potential of Host Defense Peptide Prodrugs as Neutrophil Elastase-Dependent Anti-Infective Agents for Cystic Fibrosis. Antimicrobial Agents and Chemotherapy, 2014, 58, 978-985.	3.2	30
84	Differential In Vitro and In Vivo Toxicities of Antimicrobial Peptide Prodrugs for Potential Use in Cystic Fibrosis. Antimicrobial Agents and Chemotherapy, 2016, 60, 2813-2821.	3.2	30
85	Endotoxin Up-regulates Interleukin-18. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 1299-1307.	5.6	29
86	Viral Inhibition of IL-1- and Neutrophil Elastase-Induced Inflammatory Responses in Bronchial Epithelial Cells. Journal of Immunology, 2005, 175, 7594-7601.	0.8	29
87	Non-coding RNA in cystic fibrosis. Biochemical Society Transactions, 2018, 46, 619-630.	3.4	29
88	Toll-like receptors as therapeutic targets in cystic fibrosis. Expert Opinion on Therapeutic Targets, 2008, 12, 1481-1495.	3.4	28
89	Inhibition of Toll-Like Receptor 2-Mediated Interleukin-8 Production in Cystic Fibrosis Airway Epithelial Cells via the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math>7-Nicotinic Acetylcholine Receptor. Mediators of Inflammation, 2010, 2010, 1-8.	3.0	27
90	miRNA-221 is elevated in cystic fibrosis airway epithelial cells and regulates expression of ATF6. Molecular and Cellular Pediatrics, 2015, 2, 1.	1.8	27

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91	Unmasking the pathological and therapeutic potential of histone deacetylases for liver cancer. Expert Review of Gastroenterology and Hepatology, 2019, 13, 247-256.	3.0	27
92	Anti-apoptotic effects of Z Â1-antitrypsin in human bronchial epithelial cells. European Respiratory Journal, 2010, 35, 1155-1163.	6.7	26
93	Bile acids stimulate chloride secretion through CFTR and calcium-activated Clâ¯ channels in Calu-3 airway epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L407-L418.	2.9	26
94	Long noncoding RNAs in liver cancer: what we know in 2014. Expert Opinion on Therapeutic Targets, 2014, 18, 1207-1218.	3.4	26
95	Ursodeoxycholic acid inhibits TNFÎ±-induced IL-8 release from monocytes. American Journal of Physiology - Renal Physiology, 2016, 311, G334-G341.	3.4	26
96	SLPI and inflammatory lung disease in females. Biochemical Society Transactions, 2011, 39, 1421-1426.	3.4	25
97	Ventriculoperitoneal shunt-related infections caused byStaphylococcus epidermidis: pathogenesis and implications for treatment. British Journal of Neurosurgery, 2012, 26, 792-797.	0.8	25
98	Reduced miR-659-3p Levels Correlate with Progranulin Increase in Hypoxic Conditions: Implications for Frontotemporal Dementia. Frontiers in Molecular Neuroscience, 2016, 9, 31.	2.9	25
99	Neutrophil elastase up-regulates human Î²-defensin-2 expression in human bronchial epithelial cells. FEBS Letters, 2003, 546, 233-236.	2.8	24
100	Biofilm characteristics of Staphylococcus epidermidis isolates associated with device-related meningitis. Journal of Medical Microbiology, 2009, 58, 855-862.	1.8	24
101	Protein Misfolding and Obstructive Lung Disease. Proceedings of the American Thoracic Society, 2010, 7, 346-355.	3.5	24
102	Tumor Necrosis Factorâ€“Î±â€“Converting Enzyme: Its Role in Communityâ€Acquired Pneumonia. Journal of Infectious Diseases, 2002, 186, 1790-1796.	4.0	23
103	Sexual maturation protects against development of lung inflammation through estrogen. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L166-L174.	2.9	23
104	Identification of MiR-21-5p as a Functional Regulator of Mesothelin Expression Using MicroRNA Capture Affinity Coupled with Next Generation Sequencing. PLoS ONE, 2017, 12, e0170999.	2.5	22
105	Therapeutic Aerosol Bioengineering of siRNA for the Treatment of Inflammatory Lung Disease by TNFÎ± Gene Silencing in Macrophages. Molecular Pharmaceutics, 2014, 11, 4270-4279.	4.6	21
106	Quantification and Evaluation of the Role of Antielastin Autoantibodies in the Emphysematous Lung. Pulmonary Medicine, 2011, 2011, 1-6.	1.9	20
107	Interleukin-1 receptor-associated kinase and TRAF-6 mediate the transcriptional regulation of interleukin-2 by interleukin-1 via NFÎºB but unlike interleukin-1 are unable to stabilise interleukin-2 mRNA. Biochimica Et Biophysica Acta - Molecular Cell Research, 1999, 1451, 109-121.	4.1	19
108	Effect of pro-inflammatory stimuli on mucin expression and inhibition by secretory leucoprotease inhibitor. Cellular Microbiology, 2007, 9, 670-679.	2.1	18

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109	Expression of X-linked Toll-like receptor 4 signaling genes in female vs. male neonates. Pediatric Research, 2017, 81, 831-837.	2.3	18
110	The role of proteases, endoplasmic reticulum stress andSERPINA1heterozygosity in lung disease and Î±-1 anti-trypsin deficiency. Expert Review of Respiratory Medicine, 2011, 5, 395-411.	2.5	17
111	In Vitro Activities of Synthetic Host Defense Propeptides Processed by Neutrophil Elastase against Cystic Fibrosis Pathogens. Antimicrobial Agents and Chemotherapy, 2011, 55, 2487-2489.	3.2	17
112	Immune, inflammatory and infectious consequences of estrogen in women with cystic fibrosis. Expert Review of Respiratory Medicine, 2012, 6, 573-575.	2.5	16
113	miR-CATCH: MicroRNA Capture Affinity Technology. Methods in Molecular Biology, 2015, 1218, 365-373.	0.9	15
114	Gene targeted therapeutics for liver disease in alpha-1 antitrypsin deficiency. Biologics: Targets and Therapy, 2009, 3, 63-75.	3.2	15
115	The Ability of Secretory Leukocyte Protease Inhibitor to Inhibit Apoptosis in Monocytes Is Independent of Its Antiprotease Activity. Journal of Immunology Research, 2015, 2015, 1-6.	2.2	14
116	Toll-Like Receptors in Cystic Fibrosis: Impact of Dysfunctional microRNA on Innate Immune Responses in the Cystic Fibrosis Lung. Journal of Innate Immunity, 2016, 8, 541-549.	3.8	14
117	Nanotechnology approaches to pulmonary drug delivery. , 2018, , 221-253.		14
118	Transforming Growth Factor-Î²1 Selectively Recruits microRNAs to the RNA-Induced Silencing Complex and Degrades CFTR mRNA under Permissive Conditions in Human Bronchial Epithelial Cells. International Journal of Molecular Sciences, 2019, 20, 4933.	4.1	14
119	Characterisation of the Major Extracellular Proteases of Stenotrophomoas maltophilia and Their Effects on Pulmonary Antiproteases. Pathogens, 2019, 8, 92.	2.8	11
120	The Estrogen-Induced miR-19 Downregulates Secretory Leucoprotease Inhibitor Expression in Monocytes. Journal of Innate Immunity, 2020, 12, 90-102.	3.8	11
121	Interleukin-18â€“607 Promoter Polymorphism in Sarcoidosis: Ignoring â€œNegativeâ€•Results. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 815-815.	5.6	10
122	Systematic evaluation of the microRNAome through miR-CATCHv2.0 identifies positive and negative regulators of BRAF-X1 mRNA. RNA Biology, 2019, 16, 865-878.	3.1	10
123	Alpha-1 Antitrypsinâ€”A Target for MicroRNA-Based Therapeutic Development for Cystic Fibrosis. International Journal of Molecular Sciences, 2020, 21, 836.	4.1	10
124	Gene targeted therapeutics for liver disease in alpha-1 antitrypsin deficiency. Biologics: Targets and Therapy, 2009, , 63.	3.2	9
125	Alpha-1 antitrypsin deficiency. Respiratory Medicine CME, 2011, 4, 1-8.	0.1	9
126	Knockdown of Gene Expression in Macrophages by microRNA Mimic-Containing Poly (Lactic-co-glycolic Acid) Microparticles. Medicines (Basel, Switzerland), 2018, 5, 133.	1.4	9

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127	The therapeutic properties of resminostat for hepatocellular carcinoma. Oncoscience, 2018, 5, 196-208.	2.2	9
128	Cystic fibrosis epithelial cells are primed for apoptosis as a result of increased Fas (CD95). Journal of Cystic Fibrosis, 2018, 17, 616-623.	0.7	8
129	Impaired Airway Epithelial Barrier Integrity in Response to Stenotrophomonas maltophilia Proteases, Novel Insights Using Cystic Fibrosis Bronchial Epithelial Cell Secretomics. Frontiers in Immunology, 2020, 11, 198.	4.8	8
130	Identification of a novel functional miR-143-5p recognition element in the Cystic Fibrosis Transmembrane Conductance Regulator 3â€™UTR. AIMS Genetics, 2018, 05, 053-062.	1.9	8
131	Alpha-1 antitrypsin augmentation therapy decreases miR-199a-5p, miR-598 and miR-320a expression in monocytes via inhibition of NFÍºB. Scientific Reports, 2017, 7, 13803.	3.3	7
132	miRâ€CATCH Identifies Biologically Active miRNA Regulators of the Proâ€Survival Gene XIAP, in Chinese Hamster Ovary Cells. Biotechnology Journal, 2018, 13, e1700299.	3.5	7
133	X Chromosomeâ€“encoded MicroRNAs Are Functionally Increased in Cystic Fibrosis Monocytes. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 668-670.	5.6	7
134	Innate Immunity of the Lung. Journal of Innate Immunity, 2020, 12, 1-3.	3.8	7
135	Interleukin-1, Neutrophil Elastase, and Lipopolysaccharide: Key Pro- Inflammatory Stimuli Regulating Inflammation in Cystic Fibrosis. Current Respiratory Medicine Reviews, 2005, 1, 43-67.	0.2	6
136	Protein quality control in lung disease: itâ€™s all about cloud networking. European Respiratory Journal, 2014, 44, 846-849.	6.7	6
137	A review of the regulatory framework for nanomedicines in the European Union. , 2018, , 641-679.		6
138	Challenges facing microRNA therapeutics for cystic fibrosis lung disease. Epigenomics, 2020, 12, 179-181.	2.1	6
139	MicroRNA Expression in Cystic Fibrosis Airway Epithelium. Biomolecules, 2013, 3, 157-167.	4.0	5
140	Measurement of the Unfolded Protein Response (UPR) in Monocytes. Methods in Enzymology, 2011, 489, 83-95.	1.0	4
141	Is There a Therapeutic Role for Selenium in Alpha-1 Antitrypsin Deficiency?. Nutrients, 2013, 5, 758-770.	4.1	4
142	High-throughput profiling for discovery of non-coding RNA biomarkers of lung disease. Expert Review of Molecular Diagnostics, 2016, 16, 173-185.	3.1	4
143	Airway Inflammatory/Immune Responses in COPD and Cystic Fibrosis. Mediators of Inflammation, 2018, 2018, 1-3.	3.0	4
144	Hot Topic: [How Can We Target Pulmonary Inflammation in Cystic Fibrosis? (Guest Editor: Catherine M.) Tj ETQq0 0 0 rgBT /Overlock 10	0.4	4

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145	Developmental control of CFTR: from bioinformatics to novel therapeutic approaches. European Respiratory Journal, 2015, 45, 18-20.	6.7	3
146	From the pathophysiology of the human lung alveolus to epigenetic editing: Congress 2018 highlights from ERS Assembly 3 â€œBasic and Translational Science.â€• ERJ Open Research, 2019, 5, 00194-2018.	2.6	3
147	Epigenetic mechanisms underpinning sexual dimorphism in lung disease. Epigenomics, 2022, 14, 65-67.	2.1	3
148	The Biology of Long Non-Coding RNA. , 2015, , 21-42.		2
149	New players in chronic lung disease identified at the European Respiratory Society International Congress in Paris 2018: from microRNAs to extracellular vesicles. Journal of Thoracic Disease, 2018, 10, S2983-S2987.	1.4	2
150	Increased focus on non-animal models for COVID-19 and non-COVID lung research. European Respiratory Journal, 2021, 57, 2004267.	6.7	2
151	Respiratory Drug/Vaccine Delivery Using Nanoparticles. AAPS Advances in the Pharmaceutical Sciences Series, 2020, , 125-154.	0.6	2
152	Gain of Function Effects of Z Alpha-1 Antitrypsin. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2010, 9, 336-346.	1.1	2
153	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. Frontiers in Genetics, 2021, 12, 739311.	2.3	2
154	Reduced pro-inflammatory responses to Staphylococcus aureus bloodstream infection and low prevalence of enterotoxin genes in isolates from patients on haemodialysis. European Journal of Clinical Microbiology and Infectious Diseases, 2017, 36, 33-42.	2.9	1
155	Cystic fibrosis: a model for precision medicine. Expert Review of Precision Medicine and Drug Development, 2018, 3, 107-117.	0.7	1
156	Bronchial Epithelial Cell Transcriptomics: A Tool to Monitor and Predict Chronic Obstructive Pulmonary Disease Progression?. American Journal of Respiratory Cell and Molecular Biology, 2021, 64, 399-400.	2.9	1
157	Editorial: How Can We Target Pulmonary Inflammation in Cystic Fibrosis?. Open Respiratory Medicine Journal, 2010, 4, 18-19.	0.4	1
158	The Biology of MicroRNA. , 2015, , 3-19.		1
159	An investigation of miR-21 and the TLR4/PDCD4 axis in CF bronchial epithelium. , 2020, , .		1
160	Epithelial damage in the cystic fibrosis lung: the role of host and microbial factors. Expert Review of Respiratory Medicine, 2022, 16, 737-748.	2.5	1
161	Regulation of inflammation in community acquired pneumonia by TNF alpha converting enzyme. Biochemical Society Transactions, 2002, 30, A39-A39.	3.4	0
162	Best of Milan 2017â€”ERS Lung Science Conference session â€œLung tissue repair and remodeling in chronic lung diseases: mechanisms and therapeutic approachesâ€• Journal of Thoracic Disease, 2017, 9, S1541-S1543.	1.4	0

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163	Assembly 3: Basic and Translational Sciences. Breathe, 2018, 14, 67-68.	1.3	0
164	High-Throughput Identification of miRNAâ€“Target Interactions in Melanoma Using miR-CATCHv2.0. Methods in Molecular Biology, 2021, 2265, 487-512.	0.9	0
165	LATE-BREAKING ABSTRACT: Host defence peptide prodrugs are respirable when delivered by vibrating mesh nebuliser. , 2015, , .		0
166	Regulation of interleukin-8 by miR-17 during chronic inflammation in cystic fibrosis. , 2015, , .		0
167	Î±₁-antitrypsin deficiency. , 0, , 47-84.		0
168	Microbial Recognition by Epithelium. , 0, , 169-185.		0