

Catherine M Greene

List of Publications by Citations

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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 | Signal transduction pathways activated by the IL-1 receptor family: ancient signaling machinery in mammals, insects, and plants. <i>Journal of Leukocyte Biology</i> , 1998 , 63, 650-657 | 6.5 | 406 |
| 153 | Adhesion properties of mutants of <i>Staphylococcus aureus</i> defective in fibronectin-binding proteins and studies on the expression of <i>fnb</i> genes. <i>Molecular Microbiology</i> , 1995 , 17, 1143-52 | 4.1 | 246 |
| 152 | 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 |
| 151 | Neutrophil elastase up-regulates interleukin-8 via toll-like receptor 4. <i>FEBS Letters</i> , 2003 , 544, 129-32 | 3.8 | 187 |
| 150 | Inactivation of human beta-defensins 2 and 3 by elastolytic cathepsins. <i>Journal of Immunology</i> , 2003 , 171, 931-7 | 5.3 | 167 |
| 149 | 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 |
| 148 | Innate immunity in cystic fibrosis lung disease. <i>Journal of Cystic Fibrosis</i> , 2012 , 11, 363-82 | 4.1 | 160 |
| 147 | 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 |
| 146 | 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 |
| 145 | Association of IL-10 polymorphism with severity of illness in community acquired pneumonia. <i>Thorax</i> , 2003 , 58, 154-6 | 7.3 | 148 |
| 144 | Cathepsin B, L, and S cleave and inactivate secretory leucoprotease inhibitor. <i>Journal of Biological Chemistry</i> , 2001 , 276, 33345-52 | 5.4 | 139 |
| 143 | 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 |
| 142 | Interleukin-8 up-regulation by neutrophil elastase is mediated by MyD88/IRAK/TRAF-6 in human bronchial epithelium. <i>Journal of Biological Chemistry</i> , 2001 , 276, 35494-9 | 5.4 | 130 |
| 141 | Z alpha1-antitrypsin polymerizes in the lung and acts as a neutrophil chemoattractant. <i>Chest</i> , 2004 , 125, 1952-7 | 5.3 | 125 |
| 140 | α -Antitrypsin deficiency. <i>Nature Reviews Disease Primers</i> , 2016 , 2, 16051 | 51.1 | 124 |
| 139 | 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 |
| 138 | Secretory leucoprotease inhibitor prevents lipopolysaccharide-induced IkappaBalpha degradation without affecting phosphorylation or ubiquitination. <i>Journal of Biological Chemistry</i> , 2002 , 277, 33648-53 | 5.4 | 116 |

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|-----|---|------|-----|
| 137 | MicroRNAs in inflammatory lung disease--master regulators or target practice?. <i>Respiratory Research</i> , 2010 , 11, 148 | 7.3 | 113 |
| 136 | Effect of estrogen on pseudomonas mucoidy and exacerbations in cystic fibrosis. <i>New England Journal of Medicine</i> , 2012 , 366, 1978-86 | 59.2 | 111 |
| 135 | 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 |
| 134 | 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 |
| 133 | Neutrophil elastase up-regulates cathepsin B and matrix metalloprotease-2 expression. <i>Journal of Immunology</i> , 2007 , 178, 5871-8 | 5.3 | 94 |
| 132 | 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 |
| 131 | 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 |
| 130 | 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 |
| 129 | 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 |
| 128 | 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 |
| 127 | Antimicrobial proteins and polypeptides in pulmonary innate defence. <i>Respiratory Research</i> , 2006 , 7, 29 | 7.3 | 79 |
| 126 | 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 |
| 125 | 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 |
| 124 | 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 |
| 123 | Role of IL-18 in CD4+ T lymphocyte activation in sarcoidosis. <i>Journal of Immunology</i> , 2000 , 165, 4718-24 | 5.3 | 74 |
| 122 | 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 |
| 121 | 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 |
| 120 | <i>Aspergillus</i> -associated airway disease, inflammation, and the innate immune response. <i>BioMed Research International</i> , 2013 , 2013, 723129 | 3 | 68 |

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|-----|---|------|----|
| 119 | Transcription of Interleukin-8: How Altered Regulation Can Affect Cystic Fibrosis Lung Disease. <i>Biomolecules</i> , 2015 , 5, 1386-98 | 5.9 | 64 |
| 118 | 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 |
| 117 | Innate Immunity of the Lung: From Basic Mechanisms to Translational Medicine. <i>Journal of Innate Immunity</i> , 2018 , 10, 487-501 | 6.9 | 62 |
| 116 | Targeting neutrophil elastase in cystic fibrosis. <i>Expert Opinion on Therapeutic Targets</i> , 2008 , 12, 145-57 | 6.4 | 62 |
| 115 | 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 |
| 114 | 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 |
| 113 | Tauroursodeoxycholic acid inhibits apoptosis induced by Z alpha-1 antitrypsin via inhibition of Bad. <i>Hepatology</i> , 2007 , 46, 496-503 | 11.2 | 60 |
| 112 | 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 |
| 111 | Chemical structure and biological activity of a highly branched (1- β ,1- β)-D-glucan from <i>Isochrysis galbana</i> . <i>Carbohydrate Polymers</i> , 2014 , 111, 139-48 | 10.3 | 55 |
| 110 | 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 |
| 109 | Alpha-1 antitrypsin deficiency. <i>Respiratory Medicine</i> , 2010 , 104, 763-72 | 4.6 | 54 |
| 108 | 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 |
| 107 | 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 |
| 106 | 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 |
| 105 | <i>Candida</i> species in cystic fibrosis: A road less travelled. <i>Medical Mycology</i> , 2010 , 48 Suppl 1, S114-24 | 3.9 | 47 |
| 104 | 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 |
| 103 | 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 |
| 102 | MicroRNAs and liver cancer associated with iron overload: therapeutic targets unravelled. <i>World Journal of Gastroenterology</i> , 2013 , 19, 5212-26 | 5.6 | 44 |

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|-----|--|-----|----|
| 101 | 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 |
| 100 | Gender disparities in preterm neonatal outcomes. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018 , 107, 1494 | 3.1 | 43 |
| 99 | 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 |
| 98 | 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 |
| 97 | Challenges and future direction of molecular research in air pollution-related lung cancers. <i>Lung Cancer</i> , 2018 , 118, 69-75 | 5.9 | 40 |
| 96 | 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 |
| 95 | Airway Epithelium Dysfunction in Cystic Fibrosis and COPD. <i>Mediators of Inflammation</i> , 2018 , 2018, 1309746 | 4.6 | 39 |
| 94 | Toll-like receptor expression and function in airway epithelial cells. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2005 , 53, 418-27 | 4 | 39 |
| 93 | 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 |
| 92 | 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 |
| 91 | Non-coding RNA as lung disease biomarkers. <i>Thorax</i> , 2015 , 70, 501-3 | 7.3 | 36 |
| 90 | Local impairment of anti-neutrophil elastase capacity in community-acquired pneumonia. <i>Journal of Infectious Diseases</i> , 2003 , 188, 769-76 | 7 | 36 |
| 89 | microRNAs in asthma: potential therapeutic targets. <i>Current Opinion in Pulmonary Medicine</i> , 2013 , 19, 66-72 | 3 | 35 |
| 88 | Secretory leucocyte protease inhibitor inhibits interferon-gamma-induced cathepsin S expression. <i>Journal of Biological Chemistry</i> , 2007 , 282, 33389-33395 | 5.4 | 35 |
| 87 | 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 |
| 86 | Cytokine responses to Staphylococcus aureus bloodstream infection differ between patient cohorts that have different clinical courses of infection. <i>BMC Infectious Diseases</i> , 2014 , 14, 580 | 4 | 31 |
| 85 | 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 |
| 84 | 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 |

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| 83 | Biopolymer-Based Nanoparticles for Cystic Fibrosis Lung Gene Therapy Studies. <i>Materials</i> , 2018 , 11, | 3.5 | 29 |
| 82 | 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 |
| 81 | MicroRNA Dysregulation in Cystic Fibrosis. <i>Mediators of Inflammation</i> , 2015 , 2015, 529642 | 4.3 | 28 |
| 80 | 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 |
| 79 | Functional study of elafin cleaved by Pseudomonas aeruginosa metalloproteinases. <i>Biological Chemistry</i> , 2010 , 391, 705-16 | 4.5 | 25 |
| 78 | 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 |
| 77 | 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 |
| 76 | 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 |
| 75 | microRNA regulatory circuits in a mouse model of inherited retinal degeneration. <i>Scientific Reports</i> , 2016 , 6, 31431 | 4.9 | 24 |
| 74 | 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 |
| 73 | Toll-like receptors as therapeutic targets in cystic fibrosis. <i>Expert Opinion on Therapeutic Targets</i> , 2008 , 12, 1481-95 | 6.4 | 24 |
| 72 | Z α 1 antitrypsin deficiency and the endoplasmic reticulum stress response. <i>World Journal of Gastrointestinal Pharmacology and Therapeutics</i> , 2010 , 1, 94-101 | 3 | 24 |
| 71 | 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 |
| 70 | 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 |
| 69 | 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 |
| 68 | Anti-apoptotic effects of Z alpha1-antitrypsin in human bronchial epithelial cells. <i>European Respiratory Journal</i> , 2010 , 35, 1155-63 | 13.6 | 22 |
| 67 | Biofilm characteristics of Staphylococcus epidermidis isolates associated with device-related meningitis. <i>Journal of Medical Microbiology</i> , 2009 , 58, 855-862 | 3.2 | 22 |
| 66 | 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 |

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| 65 | 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 |
| 64 | 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 |
| 63 | Tumor necrosis factor-alpha-converting enzyme: its role in community-acquired pneumonia. <i>Journal of Infectious Diseases</i> , 2002 , 186, 1790-6 | 7 | 20 |
| 62 | Precise Targeting of miRNA Sites Restores CFTR Activity in CF Bronchial Epithelial Cells. <i>Molecular Therapy</i> , 2020 , 28, 1190-1199 | 11.7 | 19 |
| 61 | Ursodeoxycholic acid inhibits TNF-induced IL-8 release from monocytes. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 311, G334-41 | 5.1 | 19 |
| 60 | 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 |
| 59 | Interleukin-1 receptor-associated kinase and TRAF-6 mediate the transcriptional regulation of interleukin-2 by interleukin-1 via NFkappaB but unlike interleukin-1 are unable to stabilise interleukin-2 mRNA. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1999 , 1451, 109-21 | 4.9 | 19 |
| 58 | 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 |
| 57 | 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 |
| 56 | Ventriculoperitoneal shunt-related infections caused by Staphylococcus epidermidis: pathogenesis and implications for treatment. <i>British Journal of Neurosurgery</i> , 2012 , 26, 792-7 | 1 | 18 |
| 55 | SLPI and inflammatory lung disease in females. <i>Biochemical Society Transactions</i> , 2011 , 39, 1421-6 | 5.1 | 18 |
| 54 | Protein misfolding and obstructive lung disease. <i>Proceedings of the American Thoracic Society</i> , 2010 , 7, 346-55 | | 18 |
| 53 | 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 |
| 52 | Non-coding RNA in cystic fibrosis. <i>Biochemical Society Transactions</i> , 2018 , 46, 619-630 | 5.1 | 17 |
| 51 | CFTR dysfunction in cystic fibrosis and chronic obstructive pulmonary disease. <i>Expert Review of Respiratory Medicine</i> , 2018 , 12, 483-492 | 3.8 | 17 |
| 50 | Quantification and evaluation of the role of antielastin autoantibodies in the emphysematous lung. <i>Pulmonary Medicine</i> , 2011 , 2011, 826160 | 5.3 | 17 |
| 49 | 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 |
| 48 | 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 |

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|----|--|------|----|
| 47 | 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 |
| 46 | The role of proteases, endoplasmic reticulum stress and SERPINA1 heterozygosity in lung disease and α 1 anti-trypsin deficiency. <i>Expert Review of Respiratory Medicine</i> , 2011 , 5, 395-411 | 3.8 | 15 |
| 45 | 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 |
| 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 | miR-CATCH: microRNA capture affinity technology. <i>Methods in Molecular Biology</i> , 2015 , 1218, 365-73 | 1.4 | 14 |
| 42 | 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 |
| 41 | Nanotechnology approaches to pulmonary drug delivery 2018 , 221-253 | | 11 |
| 40 | 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 |
| 39 | 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 |
| 38 | Alpha-1 antitrypsin deficiency. <i>Respiratory Medicine CME</i> , 2011 , 4, 1-8 | | 8 |
| 37 | 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 |
| 36 | Interleukin-18 β 7 Promoter Polymorphism in Sarcoidosis: Ignoring β egative Results. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 173, 815-815 | 10.2 | 7 |
| 35 | 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 |
| 34 | 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 |
| 33 | The therapeutic properties of resminostat for hepatocellular carcinoma. <i>Oncoscience</i> , 2018 , 5, 196-208 | 0.8 | 6 |
| 32 | 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 |
| 31 | 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 |
| 30 | 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 |

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|----|--|------|---|
| 29 | Characterisation of the Major Extracellular Proteases of and Their Effects on Pulmonary Antiproteases. <i>Pathogens</i> , 2019 , 8, | 4.5 | 5 |
| 28 | 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 |
| 27 | 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 |
| 26 | 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 |
| 25 | Alpha-1 antitrypsin augmentation therapy decreases miR-199a-5p, miR-598 and miR-320a expression in monocytes via inhibition of NFB. <i>Scientific Reports</i> , 2017 , 7, 13803 | 4.9 | 4 |
| 24 | A review of the regulatory framework for nanomedicines in the European Union 2018 , 641-679 | | 4 |
| 23 | 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 |
| 22 | 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 |
| 21 | Is there a therapeutic role for selenium in alpha-1 antitrypsin deficiency?. <i>Nutrients</i> , 2013 , 5, 758-70 | 6.7 | 3 |
| 20 | MicroRNA Expression in Cystic Fibrosis Airway Epithelium. <i>Biomolecules</i> , 2013 , 3, 157-67 | 5.9 | 3 |
| 19 | Measurement of the unfolded protein response (UPR) in monocytes. <i>Methods in Enzymology</i> , 2011 , 489, 83-95 | 1.7 | 3 |
| 18 | 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 |
| 17 | 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 |
| 16 | The Biology of Long Non-Coding RNA 2015 , 21-42 | | 2 |
| 15 | 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 |
| 14 | Increased focus on non-animal models for COVID-19 and non-COVID lung research. <i>European Respiratory Journal</i> , 2021 , 57, | 13.6 | 2 |
| 13 | Cystic fibrosis: a model for precision medicine. <i>Expert Review of Precision Medicine and Drug Development</i> , 2018 , 3, 107-117 | 1.6 | 1 |
| 12 | Reduced pro-inflammatory responses to Staphylococcus aureus 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 |

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|----|---|-----|---|
| 11 | Respiratory Drug/Vaccine Delivery Using Nanoparticles. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2020 , 125-154 | 0.5 | 1 |
| 10 | The Biology of MicroRNA 2015 , 3-19 | | 1 |
| 9 | How can we target pulmonary inflammation in cystic fibrosis?. <i>Open Respiratory Medicine Journal</i> , 2010 , 4, 18-9 | 1.1 | 1 |
| 8 | 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 |
| 7 | Assembly 3: Basic and Translational Sciences. <i>Breathe</i> , 2018 , 14, 67-68 | 1.8 | |
| 6 | RNAi in Respiratory Diseases 2013 , 391-416 | | |
| 5 | Gene targeted therapeutics for liver disease in alpha-1 antitrypsin deficiency. <i>Biologics: Targets and Therapy</i> , 2009 , 63 | 4.4 | |
| 4 | Regulation of inflammation in community acquired pneumonia by TNF alpha converting enzyme. <i>Biochemical Society Transactions</i> , 2002 , 30, A39-A39 | 5.1 | |
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