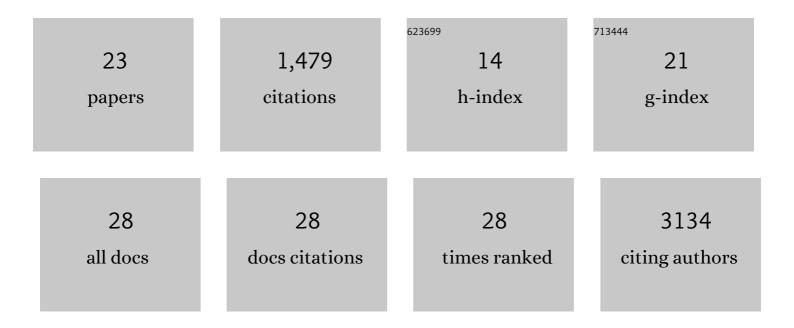
Claire Mary Smith

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Local and systemic responses to SARS-CoV-2 infection in children and adults. Nature, 2022, 602, 321-327. | 27.8 | 179 |
| 2 | Higher throughput drug screening for rare respiratory diseases: Readthrough therapy in primary ciliary dyskinesia. European Respiratory Journal, 2021, 58, 2000455. | 6.7 | 13 |
| 3 | Single-cell multi-omics analysis of the immune response in COVID-19. Nature Medicine, 2021, 27, 904-916. | 30.7 | 452 |
| 4 | Human models for COVIDâ€19 research. Journal of Physiology, 2021, 599, 4255-4267. | 2.9 | 7 |
| 5 | Fluticasone Particles Bind to Motile Respiratory Cilia: A Mechanism for Enhanced Lung and Systemic Exposure?. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 2020, 34, 181-188. | 1.4 | 2 |
| 6 | Neutrophil-Airway Epithelial Interactions Result in Increased Epithelial Damage and Viral Clearance during Respiratory Syncytial Virus Infection. Journal of Virology, 2020, 94, . | 3.4 | 37 |
| 7 | β ₂ -integrin LFA1 mediates airway damage following neutrophil transepithelial migration during respiratory syncytial virus infection. European Respiratory Journal, 2020, 56, 1902216. | 6.7 | 20 |
| 8 | An in vitro transepithelial migration assay to evaluate the role of neutrophils in Respiratory Syncytial Virus (RSV) induced epithelial damage. Scientific Reports, 2018, 8, 6777. | 3.3 | 44 |
| 9 | Effective silencing of ENaC by siRNA delivered with epithelial-targeted nanocomplexes in human cystic fibrosis cells and in mouse lung. Thorax, 2018, 73, 847-856. | 5.6 | 50 |
| 10 | A Defective Interfering Influenza RNA Inhibits Infectious Influenza Virus Replication in Human Respiratory Tract Cells: A Potential New Human Antiviral. Viruses, 2016, 8, 237. | 3.3 | 19 |
| 11 | Evidence of Respiratory Syncytial Virus Spread by Aerosol. Time to Revisit Infection Control Strategies?. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 308-316. | 5.6 | 108 |
| 12 | Rapid Expansion of Human Epithelial Stem Cells Suitable for Airway Tissue Engineering. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 156-168. | 5.6 | 169 |
| 13 | Recombinant Plants Provide a New Approach to the Production of Bacterial Polysaccharide for Vaccines. PLoS ONE, 2014, 9, e88144. | 2.5 | 11 |
| 14 | Ciliary dyskinesia is an early feature of respiratory syncytial virus infection. European Respiratory Journal, 2014, 43, 485-496. | 6.7 | 81 |
| 15 | Respiratory Syncytial Virus Increases the Virulence of <i>Streptococcus pneumoniae</i> by Binding to Penicillin Binding Protein 1a. A New Paradigm in Respiratory Infection. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 196-207. | 5.6 | 115 |
| 16 | The effect of ethanol and acetaldehyde on brain ependymal and respiratory ciliary beat frequency. Cilia, 2013, 2, 5. | 1.8 | 8 |
| 17 | Ciliated Cultures From Patients With Primary Ciliary Dyskinesia Do Not Produce Nitric Oxide or Inducible Nitric Oxide Synthase During Early Infection. Chest, 2013, 144, 1671-1676. | 0.8 | 15 |
| 18 | Ciliary Beat Pattern Analysis Below 37°C May Increase Risk of Primary Ciliary Dyskinesia Misdiagnosis: Response. Chest, 2012, 142, 544-545. | 0.8 | 0 |

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | ciliaFA: a research tool for automated, high-throughput measurement of ciliary beat frequency using freely available software. Cilia, 2012, 1, 14. | 1.8 | 76 |
| 20 | Cooling of Cilia Allows Functional Analysis of the Beat Pattern for Diagnostic Testing. Chest, 2011, 140, 186-190. | 0.8 | 41 |
| 21 | Novel Immunogenic Peptides Elicit Systemic Anaphylaxis in Mice: Implications for Peptide Vaccines. Journal of Immunology, 2011, 187, 1201-1206. | 0.8 | 7 |
| 22 | Peptide mimics of two pneumococcal capsular polysaccharide serotypes (6B and 9V) protect mice from a lethal challenge with <i>Streptococcus pneumoniae</i> . European Journal of Immunology, 2009, 39, 1527-1535. | 2.9 | 7 |
| 23 | Influenza virus infection of well-differentiated human airway epithelial cells by infectious aerosols: insights into the earliest stages of infection. F1000Research, 0, 8, 337. | 1.6 | 4 |