

# Claire Mary Smith

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6660492/publications.pdf>

Version: 2024-02-01

23  
papers

1,479  
citations

623699

14  
h-index

713444

21  
g-index

28  
all docs

28  
docs citations

28  
times ranked

3134  
citing authors

#	ARTICLE	IF	CITATIONS
1	Local and systemic responses to SARS-CoV-2 infection in children and adults. <i>Nature</i> , 2022, 602, 321-327.	27.8	179
2	Higher throughput drug screening for rare respiratory diseases: Readthrough therapy in primary ciliary dyskinesia. <i>European Respiratory Journal</i> , 2021, 58, 2000455.	6.7	13
3	Single-cell multi-omics analysis of the immune response in COVID-19. <i>Nature Medicine</i> , 2021, 27, 904-916.	30.7	452
4	Human models for COVID-19 research. <i>Journal of Physiology</i> , 2021, 599, 4255-4267.	2.9	7
5	Fluticasone Particles Bind to Motile Respiratory Cilia: A Mechanism for Enhanced Lung and Systemic Exposure?. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 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. <i>Journal of Virology</i> , 2020, 94, .	3.4	37
7	$\beta$ 2-integrin LFA1 mediates airway damage following neutrophil transepithelial migration during respiratory syncytial virus infection. <i>European Respiratory Journal</i> , 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. <i>Scientific Reports</i> , 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. <i>Thorax</i> , 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. <i>Viruses</i> , 2016, 8, 237.	3.3	19
11	Evidence of Respiratory Syncytial Virus Spread by Aerosol. Time to Revisit Infection Control Strategies?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 308-316.	5.6	108
12	Rapid Expansion of Human Epithelial Stem Cells Suitable for Airway Tissue Engineering. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 156-168.	5.6	169
13	Recombinant Plants Provide a New Approach to the Production of Bacterial Polysaccharide for Vaccines. <i>PLoS ONE</i> , 2014, 9, e88144.	2.5	11
14	Ciliary dyskinesia is an early feature of respiratory syncytial virus infection. <i>European Respiratory Journal</i> , 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. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 196-207.	5.6	115
16	The effect of ethanol and acetaldehyde on brain ependymal and respiratory ciliary beat frequency. <i>Cilia</i> , 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. <i>Chest</i> , 2013, 144, 1671-1676.	0.8	15
18	Ciliary Beat Pattern Analysis Below 37°C May Increase Risk of Primary Ciliary Dyskinesia Misdiagnosis: Response. <i>Chest</i> , 2012, 142, 544-545.	0.8	0

#	ARTICLE	IF	CITATIONS
19	ciliaFA: a research tool for automated, high-throughput measurement of ciliary beat frequency using freely available software. <i>Cilia</i> , 2012, 1, 14.	1.8	76
20	Cooling of Cilia Allows Functional Analysis of the Beat Pattern for Diagnostic Testing. <i>Chest</i> , 2011, 140, 186-190.	0.8	41
21	Novel Immunogenic Peptides Elicit Systemic Anaphylaxis in Mice: Implications for Peptide Vaccines. <i>Journal of Immunology</i> , 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> . <i>European Journal of Immunology</i> , 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. <i>F1000Research</i> , 0, 8, 337.	1.6	4