Caroline E Ridley

List of Publications by Year
in descending order

18	799	623734	839539
papers	citations	14 h-index	18 g-index

19	19	19	1069
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mucins: the frontline defence of the lung. Biochemical Society Transactions, 2018, 46, 1099-1106.	3.4	134
2	The normal trachea is cleaned by MUC5B mucin bundles from the submucosal glands coated with the MUC5AC mucin. Biochemical and Biophysical Research Communications, 2017, 492, 331-337.	2.1	92
3	Cystic fibrosis: An inherited disease affecting mucin-producing organs. International Journal of Biochemistry and Cell Biology, 2014, 52, 136-145.	2.8	87
4	Assembly of the Respiratory Mucin MUC5B. Journal of Biological Chemistry, 2014, 289, 16409-16420.	3.4	76
5	Mucus. Current Biology, 2021, 31, R938-R945.	3.9	53
6	Reorganisation of the Salivary Mucin Network by Dietary Components: Insights from Green Tea Polyphenols. PLoS ONE, 2014, 9, e108372.	2.5	53
7	Granule-stored MUC5B mucins are packed by the non-covalent formation of N-terminal head-to-head tetramers. Journal of Biological Chemistry, 2018, 293, 5746-5754.	3.4	50
8	The MUC5B mucin polymer is dominated by repeating structural motifs and its topology is regulated by calcium and pH. Scientific Reports, 2019, 9, 17350.	3.3	45
9	Secondary Structure and Glycosylation of Mucus Glycoproteins by Raman Spectroscopies. Analytical Chemistry, 2016, 88, 11609-11615.	6.5	38
10	A glycopolymer improves vascoelasticity and mucociliary transport of abnormal cystic fibrosis mucus. JCI Insight, 2019, 4, .	5.0	35
11	Assembly and organization of the N-terminal region of mucin MUC5AC: Indications for structural and functional distinction from MUC5B. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	32
12	The C-terminal dimerization domain of the respiratory mucin MUC5B functions in mucin stability and intracellular packaging before secretion. Journal of Biological Chemistry, 2019, 294, 17105-17116.	3.4	19
13	Reassessment of the importance of mucins in determining sputum properties in cystic fibrosis. Journal of Cystic Fibrosis, 2014, 13, 260-266.	0.7	18
14	Defining the early stages of intestinal colonisation by whipworms. Nature Communications, 2022, 13, 1725.	12.8	18
15	Biosynthesis of the polymeric gel-forming mucin MUC5B. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L993-L1002.	2.9	17
16	Intracellular Processing of Human Secreted Polymeric Airway Mucins. Annals of the American Thoracic Society, 2018, 15, S154-S158.	3.2	17
17	MUB40 Binds to Lactoferrin and Stands as a Specific Neutrophil Marker. Cell Chemical Biology, 2018, 25, 483-493.e9.	5.2	13
18	The lipophilic cyclic peptide cyclosporin A induces aggregation of gel-forming mucins. Scientific Reports, 2022, 12, 6153.	3.3	2