

Caroline E Ridley

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

799
citations

623734

14
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

1069
citing authors

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