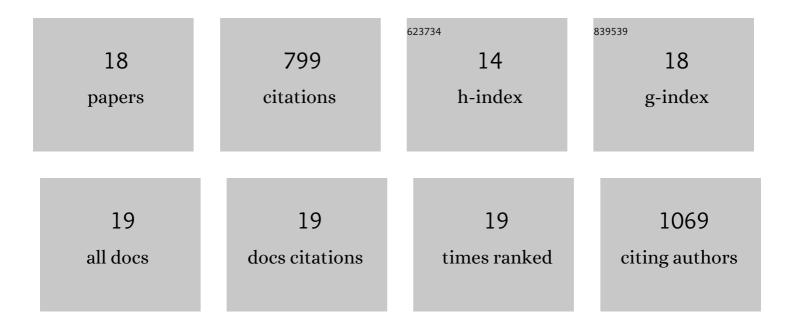
## **Caroline E Ridley**

List of Publications by Year in descending order

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| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Defining the early stages of intestinal colonisation by whipworms. Nature Communications, 2022, 13, 1725.   | 12.8 | 18        |
| 2  | The lipophilic cyclic peptide cyclosporin A induces aggregation of gel-forming mucins. Scientific Reports, 2022, 12, 6153.  | 3.3  | 2         |
| 3  | Mucus. Current Biology, 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. Proceedings of the National Academy of Sciences of the United States of America, 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. Journal of Biological Chemistry, 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. Scientific Reports, 2019, 9, 17350.  | 3.3  | 45        |
| 7  | A glycopolymer improves vascoelasticity and mucociliary transport of abnormal cystic fibrosis mucus. JCI Insight, 2019, 4, .  | 5.0  | 35        |
| 8  | MUB40 Binds to Lactoferrin and Stands as a Specific Neutrophil Marker. Cell Chemical Biology, 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. Journal of Biological Chemistry, 2018, 293, 5746-5754.   | 3.4  | 50        |
| 10 | Intracellular Processing of Human Secreted Polymeric Airway Mucins. Annals of the American<br>Thoracic Society, 2018, 15, S154-S158.  | 3.2  | 17        |
| 11 | Mucins: the frontline defence of the lung. Biochemical Society Transactions, 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. Biochemical and Biophysical Research Communications, 2017, 492, 331-337.  | 2.1  | 92        |
| 13 | Biosynthesis of the polymeric gel-forming mucin MUC5B. American Journal of Physiology - Lung<br>Cellular and Molecular Physiology, 2016, 310, L993-L1002.   | 2.9  | 17        |
| 14 | Secondary Structure and Glycosylation of Mucus Glycoproteins by Raman Spectroscopies. Analytical Chemistry, 2016, 88, 11609-11615.  | 6.5  | 38        |
| 15 | Assembly of the Respiratory Mucin MUC5B. Journal of Biological Chemistry, 2014, 289, 16409-16420.   | 3.4  | 76        |
| 16 | Reassessment of the importance of mucins in determining sputum properties in cystic fibrosis. Journal of Cystic Fibrosis, 2014, 13, 260-266.  | 0.7  | 18        |
| 17 | Cystic fibrosis: An inherited disease affecting mucin-producing organs. International Journal of<br>Biochemistry and Cell Biology, 2014, 52, 136-145.   | 2.8  | 87        |
| 18 | Reorganisation of the Salivary Mucin Network by Dietary Components: Insights from Green Tea<br>Polyphenols. PLoS ONE, 2014, 9, e108372.   | 2.5  | 53        |