Catherine Robbe-Masselot

List of Publications by Year
in descending order

20	377	840776 11	996975 15
papers	citations	h-index	g-index

21	21	21	728
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evidence of early increased sialylation of airway mucins and defective mucociliary clearance in CFTR-deficient piglets. Journal of Cystic Fibrosis, 2021, 20, 173-182.	0.7	12
2	Zinc Deficiency Disturbs Mucin Expression, O-Glycosylation and Secretion by Intestinal Goblet Cells. International Journal of Molecular Sciences, 2020, 21, 6149.	4.1	27
3	Mucin CYS domain stiffens the mucus gel hindering bacteria and spermatozoa. Scientific Reports, 2019, 9, 16993.	3.3	20
4	A Sensitive and Rapid Method to Determin the Adhesion Capacity of Probiotics and Pathogenic Microorganisms to Human Gastrointestinal Mucins. Microorganisms, 2018, 6, 49.	3.6	17
5	136 - Impact of Epithelial Barrier Disruption on Mucus Layer and GUT Microbiota in Mice. Gastroenterology, 2018, 154, S-37.	1.3	1
6	Binding of Helicobacter pylori to Human Gastric Mucins Correlates with Binding of TFF1. Microorganisms, 2018, 6, 44.	3.6	11
7	How do they stick together? Bacterial adhesins implicated in the binding of bacteria to the human gastrointestinal mucins. Biochemical Society Transactions, 2017, 45, 389-399.	3.4	25
8	Sa1418 Targeted Epithelial Disruption Impacts Colonic Mucus and Microbiota in Mice. Gastroenterology, 2016, 150, S310.	1.3	0
9	Delivery of a mucin domain enriched in cysteine residues strengthens the intestinal mucous barrier. Scientific Reports, 2015, 5, 9577.	3.3	45
10	Alteration or adaptation, the two roads for human gastric mucin glycosylation infected by Helicobacter pylori. Glycobiology, 2015, 25, 617-631.	2.5	17
11	Sa1926 Mucin O-Glycans As Potential Prognosis and Recurrence Markers of Colorectal Cancer. Gastroenterology, 2014, 146, S-331.	1.3	0
12	Chapter 27. Epithelial mucins and bacterial adhesion. Carbohydrate Chemistry, 2014, , 596-623.	0.3	8
13	482 Intestinal Mucus Alterations Induced by Chronic Stress Are Linked to Changes in Mucin O-Glycan Structure Rather Than MUC2 Expression: Prevention by a Probiotic Treatment. Gastroenterology, 2013, 144, S-88.	1.3	0
14	Biosynthesis of Osmoregulated Periplasmic Glucans inEscherichia coli: The Phosphoethanolamine Transferase Is Encoded byopgE. BioMed Research International, 2013, 2013, 1-8.	1.9	20
15	Local Drug Delivery Strategy for Cancer Treatment: Use of Biocompatible Sol-Gel-Derived Porous Materials. New Journal of Glass and Ceramics, 2013, 03, 74-79.	1.4	5
16	Almost all human gastric mucin O-glycans harbor blood group A, B or H antigens and are potential binding sites for Helicobacter pylori. Glycobiology, 2012, 22, 1193-1206.	2.5	74
17	Interaction between DMBT1 and galectin 3 is modulated by the structure of the oligosaccharides carried by DMBT1. Biochimie, 2011, 93, 593-603.	2.6	13
18	Glycosylation of human fetal mucins: a similar repertoire of O-glycans along the intestinal tract. Glycoconjugate Journal, 2009, 26, 397-413.	2.7	44

#	Article	IF	Citations
19	Expression of a Core 3 Disialyl-Le^x Hexasaccharide in Human Colorectal Cancers: A Potential Marker of Malignant Transformation in Colon. Journal of Proteome Research, 2009, 8, 702-711.	3.7	38
20	W1745 Influence of Bacterial Colonisation On Glycosylation of Intestinal Mucin Oligosaccharides During Early Development. Gastroenterology, 2008, 134, A-707.	1.3	0