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	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
2	Delivery of a mucin domain enriched in cysteine residues strengthens the intestinal mucous barrier. Scientific Reports, 2015, 5, 9577.	3.3	45
3	Glycosylation of human fetal mucins: a similar repertoire of O-glycans along the intestinal tract. Glycoconjugate Journal, 2009, 26, 397-413.	2.7	44
4	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
5	Zinc Deficiency Disturbs Mucin Expression, O-Glycosylation and Secretion by Intestinal Goblet Cells. International Journal of Molecular Sciences, 2020, 21, 6149.	4.1	27
6	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
7	Biosynthesis of Osmoregulated Periplasmic Glucans inEscherichia coli: The Phosphoethanolamine Transferase Is Encoded byopgE. BioMed Research International, 2013, 2013, 1-8.	1.9	20
8	Mucin CYS domain stiffens the mucus gel hindering bacteria and spermatozoa. Scientific Reports, 2019, 9, 16993.	3.3	20
9	Alteration or adaptation, the two roads for human gastric mucin glycosylation infected by Helicobacter pylori. Glycobiology, 2015, 25, 617-631.	2.5	17
10	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
11	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
12	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
13	Binding of Helicobacter pylori to Human Gastric Mucins Correlates with Binding of TFF1. Microorganisms, 2018, 6, 44.	3.6	11
14	Chapter 27. Epithelial mucins and bacterial adhesion. Carbohydrate Chemistry, 2014, , 596-623.	0.3	8
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	136 - Impact of Epithelial Barrier Disruption on Mucus Layer and GUT Microbiota in Mice. Gastroenterology, 2018, 154, S-37.	1.3	1
17	W1745 Influence of Bacterial Colonisation On Glycosylation of Intestinal Mucin Oligosaccharides During Early Development. Gastroenterology, 2008, 134, A-707.	1.3	0
18	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

#	Article	IF	Citations
19	Sa1926 Mucin O-Glycans As Potential Prognosis and Recurrence Markers of Colorectal Cancer. Gastroenterology, 2014, 146, S-331.	1.3	0
20	Sa1418 Targeted Epithelial Disruption Impacts Colonic Mucus and Microbiota in Mice. Gastroenterology, 2016, 150, S310.	1.3	0