

Mucins in cancer: protection and control of the cell surf

Nature Reviews Cancer

4, 45-60

DOI: [10.1038/nrc1251](https://doi.org/10.1038/nrc1251)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Positive KL-6 mucin expression combined with decreased membranous β -catenin expression indicates worse prognosis in colorectal carcinoma. <i>Oncology Reports</i> , 1994, 20, 1013.	1.2	5
2	A signaling mucin at the head of the Cdc42- and MAPK-dependent filamentous growth pathway in yeast. <i>Genes and Development</i> , 2004, 18, 1695-1708.	2.7	192
4	Hyaluronan: from extracellular glue to pericellular cue. <i>Nature Reviews Cancer</i> , 2004, 4, 528-539.	12.8	1,824
5	A role for human MUC4 mucin gene, the ErbB2 ligand, as a target of TGF- β 2 in pancreatic carcinogenesis. <i>Oncogene</i> , 2004, 23, 5729-5738.	2.6	61
6	Assignment of the 2.03 ppm resonance in in vivo 1H MRS of human brain tumour cystic fluid: contribution of macromolecules. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2004, 17, 36-46.	1.1	20
7	Mucin Macromolecules in Normal, Adenomatous, and Carcinomatous Colon: Evidence for the Neotransformation. <i>Macromolecular Bioscience</i> , 2004, 4, 483-496.	2.1	30
8	Deconvoluting the Functions of Polypeptide N- β -Acetylgalactosaminyltransferase Family Members by Glycopeptide Substrate Profiling. <i>Chemistry and Biology</i> , 2004, 11, 1009-1016.	6.2	92
9	Metabolic Functionalization of Recombinant Glycoproteins. <i>Biochemistry</i> , 2004, 43, 12358-12366.	1.2	85
10	Multiple roles of mucins in pancreatic cancer, a lethal and challenging malignancy. <i>British Journal of Cancer</i> , 2004, 91, 1633-1638.	2.9	134
11	MUC1, MUC2, MUC4, and MUC5AC Expression in Salivary Gland Mucoepidermoid Carcinoma. <i>American Journal of Surgical Pathology</i> , 2005, 29, 881-889.	2.1	88
12	Recent Advances on the Molecular Mechanisms Involved in Pancreatic Cancer Progression and Therapies. <i>Pancreas</i> , 2005, 31, 301-316.	0.5	91
13	The antagonistic regulation of human MUC4 and ErbB-2 genes by the Ets protein PEA3 in pancreatic cancer cells: implications for the proliferation/differentiation balance in the cells. <i>Biochemical Journal</i> , 2005, 386, 35-45.	1.7	25
14	DMBT1 expression and glycosylation during the adenoma-carcinoma sequence in colorectal cancer. <i>Biochemical Society Transactions</i> , 2005, 33, 730-732.	1.6	12
15	The increase in mucin exocytosis and the upregulation of MUC genes encoding for membrane-bound mucins induced by the thiol-activated exotoxin listeriolysin O is a host cell defence response that inhibits the cell-entry of <i>Listeria monocytogenes</i> . <i>Cellular Microbiology</i> , 2005, 7, 1035-1048.	1.1	22
16	Diffuse expression of MUC1 in metastases of renal clear cell carcinoma as a possible therapeutic target for renal cancer. <i>Histopathology</i> , 2005, 47, 435-436.	1.6	5
17	Overexpression of MUC13 is associated with intestinal-type gastric cancer. <i>Cancer Science</i> , 2005, 96, 265-273.	1.7	67
18	Characterisation and internalisation of recombinant humanised HMFG-1 antibodies against MUC1. <i>British Journal of Cancer</i> , 2005, 93, 1257-1266.	2.9	21
19	The sweet and sour of cancer: glycans as novel therapeutic targets. <i>Nature Reviews Cancer</i> , 2005, 5, 526-542.	12.8	1,225

#	ARTICLE	IF	CITATIONS
20	Glycans in cancer and inflammation – potential for therapeutics and diagnostics. <i>Nature Reviews Drug Discovery</i> , 2005, 4, 477-488.	21.5	1,437
21	Muc1 affects c-Src signaling in PyV MT-induced mammary tumorigenesis. <i>Oncogene</i> , 2005, 24, 5799-5808.	2.6	51
22	Synergistic induction of the MUC4 mucin gene by interferon- β and retinoic acid in human pancreatic tumour cells involves a reprogramming of signalling pathways. <i>Oncogene</i> , 2005, 24, 6143-6154.	2.6	40
23	Expression of mucins (MUC1, MUC2, MUC3, MUC4, MUC5AC and MUC6) and their prognostic significance in human breast cancer. <i>Modern Pathology</i> , 2005, 18, 1295-1304.	2.9	305
24	The role of the SEA (sea urchin sperm protein, enterokinase and agrin) module in cleavage of membrane-tethered mucins. <i>FEBS Journal</i> , 2005, 272, 2901-2911.	2.2	54
25	MUC1 plays a role in tumor maintenance in aggressive thyroid carcinomas. <i>Surgery</i> , 2005, 138, 994-1002.	1.0	21
26	Antimetastatic gene expression profiles mediated by retinoic acid receptor beta 2 in MDA-MB-435 breast cancer cells. <i>BMC Cancer</i> , 2005, 5, 140.	1.1	13
27	Molecular alterations during development of esophageal adenocarcinoma. <i>Journal of Surgical Oncology</i> , 2005, 92, 89-98.	0.8	9
28	Parallel solid-phase synthesis of mucin-like glycopeptides. <i>Carbohydrate Research</i> , 2005, 340, 2111-2122.	1.1	26
29	Expression of homeodomain protein CDX2 in gallbladder carcinomas. <i>Journal of Cancer Research and Clinical Oncology</i> , 2005, 131, 271-278.	1.2	32
30	MUC1, MUC2, MUC4, MUC5AC and MUC6 Expression in the Progression of Prostate Cancer. <i>Clinical and Experimental Metastasis</i> , 2005, 22, 565-573.	1.7	111
31	Thomsen-Friedenreich antigen expression in gastric carcinomas is associated with MUC1 mucin VNTR polymorphism. <i>Glycobiology</i> , 2005, 15, 511-517.	1.3	37
32	Gastrointestinal mucins of Fut2-null mice lack terminal fucosylation without affecting colonization by <i>Candida albicans</i> . <i>Glycobiology</i> , 2005, 15, 1002-1007.	1.3	42
33	Mucin Glycosylation and Sulphation in Airway Epithelial Cells Is Not Influenced by Cystic Fibrosis Transmembrane Conductance Regulator Expression. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2005, 32, 453-461.	1.4	26
34	Phase I Study of 90Y-CC49 Monoclonal Antibody Therapy in Patients with Advanced Non-Small Cell Lung Cancer: Effect of Chelating Agents and Paclitaxel Co-Administration. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2005, 20, 467-478.	0.7	25
35	MUC1 (CD227) interacts with lck tyrosine kinase in Jurkat lymphoma cells and normal T cells. <i>Journal of Leukocyte Biology</i> , 2005, 77, 90-99.	1.5	53
36	Molecular Basis of Incomplete O-Glycan Synthesis in MCF-7 Breast Cancer Cells: Putative Role of MUC6 in Tn Antigen Expression. <i>Cancer Research</i> , 2005, 65, 7880-7887.	0.4	34
37	Expression of mucin core proteins, trefoil factors, APC and p21 in subsets of colorectal polyps and cancers suggests a distinct pathway of pathogenesis of mucinous carcinoma of the colorectum. <i>International Journal of Oncology</i> , 2005, 27, 957.	1.4	10

#	ARTICLE	IF	CITATIONS
38	MZF-1 and DbpA interact with DNase I hypersensitive sites that correlate with expression of the human MUC1 mucin gene. <i>Experimental Cell Research</i> , 2005, 308, 41-52.	1.2	9
39	T cells recognize PD(N/T)R motif common in a variable number of tandem repeat and degenerate repeat sequences of MUC1. <i>International Immunopharmacology</i> , 2005, 5, 315-330.	1.7	16
40	Upregulation of MUC6 mucin gene expression by NF κ B and Sp factors. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 1254-1260.	1.0	22
41	GATA3 protein as a MUC1 transcriptional regulator in breast cancer cells. <i>Breast Cancer Research</i> , 2006, 8, R64.	2.2	28
42	N-Glycosylation of the MUC1 mucin in epithelial cells and secretions. <i>Glycobiology</i> , 2006, 16, 623-634.	1.3	74
43	Adenovirus-Mediated and Targeted Expression of the Sodium Iodide Symporter Permits In Vivo Radioiodide Imaging and Therapy of Pancreatic Tumors. <i>Human Gene Therapy</i> , 2006, 17, 661-668.	1.4	56
44	Posttranslational Protein Modifications. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 1799-1810.	2.5	208
45	MUCUS. , 2006, , 62-66.		0
47	Profiling of Glycans in Serum for the Discovery of Potential Biomarkers for Ovarian Cancer. <i>Journal of Proteome Research</i> , 2006, 5, 1626-1635.	1.8	212
48	Cysteine-Rich Domains of Muc3 Intestinal Mucin Promote Cell Migration, Inhibit Apoptosis, and Accelerate Wound Healing. <i>Gastroenterology</i> , 2006, 131, 1501-1517.	0.6	94
49	Mannan-MUC1 Pulsed Dendritic Cell Immunotherapy: A Phase I Trial in Patients with Adenocarcinoma. <i>Clinical Cancer Research</i> , 2006, 12, 869-877.	3.2	156
50	Interfacing Carbon Nanotubes with Living Cells. <i>Journal of the American Chemical Society</i> , 2006, 128, 6292-6293.	6.6	290
51	Selection of tumour specific promoters for adenoviral gene therapy of cholangiocarcinoma. <i>Journal of Hepatology</i> , 2006, 44, 126-133.	1.8	28
52	Prognostic value of mucins in the classification of ampullary carcinomas. <i>Human Pathology</i> , 2006, 37, 160-167.	1.1	15
53	MUC4 expression and localization in gastrointestinal tract and skin of human embryos. <i>Tissue and Cell</i> , 2006, 38, 271-275.	1.0	15
54	Mucin Characteristics of Human Corneal-Limbal Epithelial Cells that Exclude the Rose Bengal Anionic Dye. , 2006, 47, 113.		144
55	Protein glycosylation and renal cancer. , 2006, , .		2
56	Parallel Solid-Phase Synthesis of Mucin-Like Glycopeptides from an α -GalN3 O-Linked Threonine Building Block. , 2006, , 192-193.		0

#	ARTICLE	IF	CITATIONS
57	MUC5AC mucin gene regulation in pancreatic cancer cells. <i>International Journal of Oncology</i> , 2006, 29, 33.	1.4	8
58	Aberrant expression of transmembrane mucins, MUC1 and MUC4, in human prostate carcinomas. <i>Prostate</i> , 2006, 66, 421-429.	1.2	90
59	<i>Trypanosoma cruzi</i> surface mucins: host-dependent coat diversity. <i>Nature Reviews Microbiology</i> , 2006, 4, 229-236.	13.6	278
60	Autoproteolysis coupled to protein folding in the SEA domain of the membrane-bound MUC1 mucin. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 71-76.	3.6	233
61	Aberrant expression of MUC4 in ovarian carcinoma: diagnostic significance alone and in combination with MUC1 and MUC16 (CA125). <i>Modern Pathology</i> , 2006, 19, 1386-1394.	2.9	133
62	Mucin-type O-glycans in human colon and breast cancer: glycodynamics and functions. <i>EMBO Reports</i> , 2006, 7, 599-604.	2.0	464
63	C2GnT-M is downregulated in colorectal cancer and its re-expression causes growth inhibition of colon cancer cells. <i>Oncogene</i> , 2006, 25, 3267-3276.	2.6	72
64	The pattern of glycosyl- and sulfotransferase activities in cancer cell lines: a predictor of individual cancer-associated distinct carbohydrate structures for the structural identification of signature glycans. <i>Carbohydrate Research</i> , 2006, 341, 983-994.	1.1	48
65	Mucin structure, aggregation, physiological functions and biomedical applications. <i>Current Opinion in Colloid and Interface Science</i> , 2006, 11, 164-170.	3.4	822
66	Recognition of tumor glycans by antigen-presenting cells. <i>Current Opinion in Immunology</i> , 2006, 18, 105-111.	2.4	82
67	MUC4 expression and its relation to ErbB2 expression, apoptosis, proliferation, differentiation, and tumor stage in non-small cell lung cancer (NSCLC). <i>Pathology Research and Practice</i> , 2006, 202, 577-583.	1.0	25
68	PankoMab: a potent new generation anti-tumour MUC1 antibody. <i>Cancer Immunology, Immunotherapy</i> , 2006, 55, 1337-1347.	2.0	110
69	Regulation of mucin expression: Mechanistic aspects and implications for cancer and inflammatory diseases. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2006, 1765, 189-222.	3.3	159
71	Cell surface-associated mucins in signal transduction. <i>Trends in Cell Biology</i> , 2006, 16, 467-476.	3.6	367
72	The genome of the square archaeon <i>Haloquadratum walsbyi</i> : life at the limits of water activity. <i>BMC Genomics</i> , 2006, 7, 169.	1.2	247
73	An inventory of mucin genes in the chicken genome shows that the mucin domain of Muc13 is encoded by multiple exons and that ovomucin is part of a locus of related gel-forming mucins. <i>BMC Genomics</i> , 2006, 7, 197.	1.2	63
74	Tandem Repeats Polymorphism of <i>MUC20</i> Is an Independent Factor for the Progression of Immunoglobulin A Nephropathy. <i>American Journal of Nephrology</i> , 2006, 26, 43-49.	1.4	13
75	Inhibition of in vitro and in vivo T cell responses by recombinant human Tim-1 extracellular domain proteins. <i>International Immunology</i> , 2006, 18, 473-484.	1.8	19

#	ARTICLE	IF	CITATIONS
76	Regulation of Mucin Genes in Chronic Inflammatory Airway Diseases. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006, 34, 661-665.	1.4	181
77	A new generation of carbohydrate-based therapeutics: recombinant mucin-type fusion proteins as versatile inhibitors of protein-carbohydrate interactions. <i>Expert Opinion on Drug Discovery</i> , 2006, 1, 161-178.	2.5	23
78	Characterization of Human Mucin MUC17. <i>Journal of Biological Chemistry</i> , 2006, 281, 23676-23685.	1.6	52
79	Characterization of a carbohydrate epitope defined by the monoclonal antibody H185: sialic acid O-acetylation on epithelial cell-surface mucins. <i>Glycobiology</i> , 2006, 16, 1219-1228.	1.3	45
80	Increased levels of mucins in the cystic fibrosis mouse small intestine, and modulator effects of the Muc1 mucin expression. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, G203-G210.	1.6	53
81	The Front Line of Enteric Host Defense against Unwelcome Intrusion of Harmful Microorganisms: Mucins, Antimicrobial Peptides, and Microbiota. <i>Clinical Microbiology Reviews</i> , 2006, 19, 315-337.	5.7	441
82	RNA Interference Suppression of MUC1 Reduces the Growth Rate and Metastatic Phenotype of Human Pancreatic Cancer Cells. <i>Clinical Cancer Research</i> , 2006, 12, 2976-2987.	3.2	106
83	Multiple Hepatic Receptors Cooperate to Eliminate Secretory Mucins Aberrantly Entering the Bloodstream: Are Circulating Cancer Mucins the "Tip of the Iceberg"? <i>Cancer Research</i> , 2006, 66, 2433-2441.	0.4	49
84	UDP-N-Acetyl-d-Galactosamine: Polypeptide N-Acetylgalactosaminyltransferase-6 as a New Immunohistochemical Breast Cancer Marker. <i>Journal of Histochemistry and Cytochemistry</i> , 2006, 54, 317-328.	1.3	67
85	New MUC1 Serum Immunoassay Differentiates Pancreatic Cancer From Pancreatitis. <i>Journal of Clinical Oncology</i> , 2006, 24, 252-258.	0.8	126
86	Enzymatic large-scale synthesis of MUC6-Tn glycoconjugates for antitumor vaccination. <i>Glycobiology</i> , 2006, 16, 390-401.	1.3	25
87	Probing mucin-type O-linked glycosylation in living animals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 4819-4824.	3.3	198
88	Anti-Invasive and Anti-Metastasis Strategies: New Roads, New Tools and New Hopes. <i>Current Cancer Drug Targets</i> , 2006, 6, 729-751.	0.8	24
89	MUC1 cytoplasmic tail: a potential therapeutic target for ovarian carcinoma. <i>Expert Review of Anticancer Therapy</i> , 2006, 6, 1261-1271.	1.1	27
90	Immunohistochemical Analysis of MUC5B Apomucin Expression in Breast Cancer and Non-malignant Breast Tissues. <i>Journal of Histochemistry and Cytochemistry</i> , 2006, 54, 289-299.	1.3	32
91	Respiratory Tract Mucin Genes and Mucin Glycoproteins in Health and Disease. <i>Physiological Reviews</i> , 2006, 86, 245-278.	13.1	932
92	The Human Mucin MUC4 Is Transcriptionally Regulated by Caudal-related Homeobox, Hepatocyte Nuclear Factors, Forkhead Box A, and GATA Endodermal Transcription Factors in Epithelial Cancer Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 22638-22650.	1.6	45
93	A Serum Glycomics Approach to Breast Cancer Biomarkers. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 43-55.	2.5	207

#	ARTICLE	IF	CITATIONS
94	The Biochemical, Biological, and Pathological Kaleidoscope of Cell Surface Substrates Processed by Matrix Metalloproteinases. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2007, 42, 113-185.	2.3	325
95	Combined Staining of TAG-72, MUC1, and CA125 Improves Labeling Sensitivity in Ovarian Cancer. <i>Journal of Histochemistry and Cytochemistry</i> , 2007, 55, 867-875.	1.3	31
96	The isolated MUC5AC gene product from human ocular mucin displays intramolecular conformational heterogeneity. <i>Glycobiology</i> , 2007, 17, 578-585.	1.3	24
97	Mucin Biosynthesis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 36, 737-745.	1.4	16
98	MUC5AC and MUC5B Mucins Increase in Cystic Fibrosis Airway Secretions during Pulmonary Exacerbation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 175, 816-821.	2.5	115
99	Targeting signal transduction in pancreatic cancer treatment. <i>Expert Opinion on Therapeutic Targets</i> , 2007, 11, 673-694.	1.5	45
100	Platelet-Derived Growth Factor Receptor β -Mediated Phosphorylation of MUC1 Enhances Invasiveness in Pancreatic Adenocarcinoma Cells. <i>Cancer Research</i> , 2007, 67, 5201-5210.	0.4	105
101	Mucin biosynthesis: Molecular cloning and expression of mouse mucus-type core 2 β 1,6 N-acetylglucosaminyltransferase. <i>Glycobiology</i> , 2007, 17, 994-1006.	1.3	14
102	Identification and Expression of Human Epiglycanin/MUC21: a Novel Transmembrane Mucin. <i>Glycobiology</i> , 2007, 18, 74-83.	1.3	93
103	Large Scale Identification of Proteins, Mucins, and Their O-Glycosylation in the Endocervical Mucus during the Menstrual Cycle. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 708-716.	2.5	156
104	MUC1 Is a Counter-Receptor for Myelin-Associated Glycoprotein (Siglec-4a) and Their Interaction Contributes to Adhesion in Pancreatic Cancer Perineural Invasion. <i>Cancer Research</i> , 2007, 67, 10222-10229.	0.4	88
105	Expression of Mucins, SIMA, Villin, and CDX2 in Small-Intestinal Adenocarcinoma. <i>American Journal of Clinical Pathology</i> , 2007, 128, 808-816.	0.4	43
106	MUC4 Mucin Potentiates Pancreatic Tumor Cell Proliferation, Survival, and Invasive Properties and Interferes with Its Interaction to Extracellular Matrix Proteins. <i>Molecular Cancer Research</i> , 2007, 5, 309-320.	1.5	155
107	Functions of MUC16 in Corneal Epithelial Cells. , 2007, 48, 4509.		181
108	Gel-forming mucins appeared early in metazoan evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16209-16214.	3.3	253
109	Co-expression of gastric and biliary phenotype in pyloric-gland type adenoma of the gallbladder: Immunohistochemical analysis of mucin profile and CD10. <i>Oncology Reports</i> , 2007, 17, 721.	1.2	7
110	Regulation of the human mucin MUC4 by taurodeoxycholic and taurochenodeoxycholic bile acids in oesophageal cancer cells is mediated by hepatocyte nuclear factor 1α . <i>Biochemical Journal</i> , 2007, 402, 81-91.	1.7	58
111	Signaling through CD43 regulates CD4 T-cell trafficking. <i>Blood</i> , 2007, 110, 2974-2982.	0.6	25

#	ARTICLE	IF	CITATIONS
112	Mucin 15 is expressed in human placenta and suppresses invasion of trophoblast-like cells in vitro. <i>Human Reproduction</i> , 2007, 22, 2723-2732.	0.4	48
113	Altered expression of MUC2 and MUC5AC in response to <i>Shigella</i> infection, an in vivo study. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2007, 1770, 884-889.	1.1	15
114	Assay of mucins in human tear fluid. <i>Experimental Eye Research</i> , 2007, 84, 939-950.	1.2	151
115	Biological significance of cancer-associated sialyl-Tn antigen: Modulation of malignant phenotype in gastric carcinoma cells. <i>Cancer Letters</i> , 2007, 249, 157-170.	3.2	142
116	Selection of Aptamers for Molecular Recognition and Characterization of Cancer Cells. <i>Analytical Chemistry</i> , 2007, 79, 4900-4907.	3.2	445
117	Hierarchical Assembly of Model Cell Surfaces: Synthesis of Mucin Mimetic Polymers and Their Display on Supported Bilayers. <i>Journal of the American Chemical Society</i> , 2007, 129, 5462-5471.	6.6	50
118	Comparative Profiling of Serum Glycoproteome by Sequential Purification of Glycoproteins and 2-Nitrobenzenesulfonyl (NBS) Stable Isotope Labeling: A New Approach for the Novel Biomarker Discovery for Cancer. <i>Journal of Proteome Research</i> , 2007, 6, 3475-3483.	1.8	79
119	Carbohydrate Analysis by Desorption Electrospray Ionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Analytical Chemistry</i> , 2007, 79, 8812-8815.	3.2	38
120	Identification of novel androgen receptor target genes in prostate cancer. <i>Molecular Cancer</i> , 2007, 6, 39.	7.9	88
121	Central Role of Muc5ac Expression in Mucous Metaplasia and Its Regulation by Conserved 5' Elements. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 37, 273-290.	1.4	155
122	Biosynthesis of Mucin-Type O-Glycans. , 2007, , 33-59.		6
123	The Ocular Surface: The Challenge to Enable and Protect Vision. , 2007, 48, 4391.		238
124	Peptide Borono Lectins (PBLs): A New Tool for Glycomics and Cancer Diagnostics. <i>ChemBioChem</i> , 2007, 8, 2048-2051.	1.3	57
125	Circulating KL-6/MUC1 mucin carrying sialyl Lewis x oligosaccharide is an independent prognostic factor in patients with lung adenocarcinoma. <i>International Journal of Cancer</i> , 2007, 120, 2643-2649.	2.3	41
126	Molecular signaling in the regulation of mucins. <i>Journal of Cellular Biochemistry</i> , 2007, 102, 1103-1116.	1.2	67
127	Mucin Coatings Suppress Neutrophil Adhesion to a Polymeric Model Biomaterial. <i>Microscopy Research and Technique</i> , 2007, 70, 864-868.	1.2	25
128	Production of humanized glycoproteins in bacteria and yeasts. <i>Current Opinion in Chemical Biology</i> , 2007, 11, 670-676.	2.8	44
129	Identification of genes potentially involved in the acquisition of androgen-independent and metastatic tumor growth in an autochthonous genetically engineered mouse prostate cancer model. <i>Prostate</i> , 2007, 67, 83-106.	1.2	43

#	ARTICLE	IF	CITATIONS
130	Epigenetic regulation (DNA methylation, histone modifications) of the 11p15 mucin genes (MUC2,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.6	101
131	Mucin impedes cytotoxic effect of 5-FU against growth of human pancreatic cancer cells: overcoming cellular barriers for therapeutic gain. <i>British Journal of Cancer</i> , 2007, 97, 910-918.	2.9	44
132	A micropapillary pattern is predictive of a poor prognosis in lung adenocarcinoma, and reduced surfactant apoprotein A expression in the micropapillary pattern is an excellent indicator of a poor prognosis. <i>Modern Pathology</i> , 2007, 20, 638-647.	2.9	102
133	Chemical glycosylation in the synthesis of glycoconjugate antitumour vaccines. <i>Nature</i> , 2007, 446, 1000-1007.	13.7	273
135	The expression pattern of MUC1 (EMA) is related to tumour characteristics and clinical outcome in ?pure? ductal carcinoma in situ of the breast. <i>Histopathology</i> , 2007, 51, 227-238.	1.6	23
136	Down-regulation of sialidase NEU4 may contribute to invasive properties of human colon cancers. <i>Cancer Science</i> , 2007, 98, 299-307.	1.7	61
137	Characterization of the carcinoma-associated Tk antigen in helminth parasites. <i>Experimental Parasitology</i> , 2007, 116, 129-136.	0.5	19
138	Expression of MUC1 in primary and metastatic human epithelial ovarian cancer and its therapeutic significance. <i>Gynecologic Oncology</i> , 2007, 105, 695-702.	0.6	68
139	Expression of cancer-associated simple mucin-type O-glycosylated antigens in parasites. <i>IUBMB Life</i> , 2007, 59, 269-273.	1.5	52
140	The C-type lectin MGL expressed by dendritic cells detects glycan changes on MUC1 in colon carcinoma. <i>Cancer Immunology, Immunotherapy</i> , 2007, 56, 1225-1236.	2.0	126
141	A polyvalent vaccine for high-risk prostate patients: â€œare more antigens better?â€• <i>Cancer Immunology, Immunotherapy</i> , 2007, 56, 1921-1930.	2.0	64
142	SPR imaging as a tool for detecting mucin â€œ anti-mucin interaction. Outline of the development of a sensor for near-patient testing for mucin. <i>Mikrochimica Acta</i> , 2007, 158, 219-225.	2.5	15
143	The role of the T-cell costimulatory molecule Tim-1 in the immune response. <i>Immunologic Research</i> , 2007, 39, 52-61.	1.3	15
144	Varied presentation of the Thomsenâ€œFriedenreich disaccharide tumor-associated carbohydrate antigen on gold nanoparticles. <i>Carbohydrate Research</i> , 2008, 343, 1594-1604.	1.1	45
145	Glycan structures of ocular surface mucins in man, rabbit and dog display species differences. <i>Glycoconjugate Journal</i> , 2008, 25, 763-773.	1.4	83
146	Targeting Cancer Stem Cells in Cancer Prevention and Therapy. <i>Stem Cell Reviews and Reports</i> , 2008, 4, 211-216.	5.6	11
147	Expression profiles of MUC1, MUC2, and MUC4 mucins in human neoplasms and their relationship with biological behavior. <i>Proteomics</i> , 2008, 8, 3329-3341.	1.3	109
148	Transcriptome analysis of serous ovarian cancers identifies differentially expressed chromosome 3 genes. <i>Molecular Carcinogenesis</i> , 2008, 47, 56-65.	1.3	24

#	ARTICLE	IF	CITATIONS
149	Aberrant expression of SOX2 upregulates MUC5AC gastric foveolar mucin in mucinous cancers of the colorectum and related lesions. <i>International Journal of Cancer</i> , 2008, 122, 1253-1260.	2.3	79
150	Usefulness of monitoring the circulating Krebs von den Lungen-6 levels to predict the clinical outcome of patients with advanced nonsmall cell lung cancer treated with epidermal growth factor receptor tyrosine kinase inhibitors. <i>International Journal of Cancer</i> , 2008, 122, 2612-2620.	2.3	44
151	Conformational consequences of protein glycosylation: Preparation of α -mannosyl serine and threonine building blocks, and their incorporation into glycopeptide sequences derived from β -mannidylglycosyltransferase. <i>Biopolymers</i> , 2008, 90, 358-368.	1.2	21
152	Combined defects in epithelial and immunoregulatory factors exacerbate the pathogenesis of inflammation: mucin 2-interleukin 10-deficient mice. <i>Laboratory Investigation</i> , 2008, 88, 634-642.	1.7	36
153	Transient infection of freshly isolated human colorectal tumor cells by reovirus T3D intermediate subviral particles. <i>Cancer Gene Therapy</i> , 2008, 15, 284-292.	2.2	34
154	MUC4 and MUC5AC are highly specific tumour-associated mucins in biliary tract cancer. <i>British Journal of Cancer</i> , 2008, 98, 1675-1681.	2.9	56
155	MUC4 activates HER2 signalling and enhances the motility of human ovarian cancer cells. <i>British Journal of Cancer</i> , 2008, 99, 520-526.	2.9	74
156	Deregulation of MUC4 in gastric adenocarcinoma: potential pathobiological implication in poorly differentiated non-signet ring cell type gastric cancer. <i>British Journal of Cancer</i> , 2008, 99, 949-956.	2.9	35
157	Glycomics analysis of serum: a potential new biomarker for ovarian cancer?. <i>International Journal of Gynecological Cancer</i> , 2008, 18, 470-475.	1.2	75
158	Distribution of mucins and antimicrobial substances lysozyme and lactoferrin in the laryngeal subglottic region. <i>Journal of Anatomy</i> , 2008, 213, 473-481.	0.9	16
159	Activation of MUC1 mucin expression by bile acids in human esophageal adenocarcinomatous cells and tissues is mediated by the phosphatidylinositol 3-kinase. <i>Surgery</i> , 2008, 143, 58-71.	1.0	23
160	Structure and Function of the Cell Surface (Tethered) Mucins. <i>Annual Review of Physiology</i> , 2008, 70, 431-457.	5.6	645
161	Elevated serum level of sialylated glycoprotein KL-6 predicts a poor prognosis in patients with non-small cell lung cancer treated with gefitinib. <i>Lung Cancer</i> , 2008, 59, 81-87.	0.9	18
162	Ring-Opening of Aziridine-2-Carboxamides with Carbohydrate C1-O-Nucleophiles. Stereoselective Preparation of α - and β -Glycosyl Serine Conjugates. <i>Journal of the American Chemical Society</i> , 2008, 130, 15228-15229.	6.6	48
163	Gene expression profiles in primary pancreatic tumors and metastatic lesions of Ela-c-myc transgenic mice. <i>Molecular Cancer</i> , 2008, 7, 11.	7.9	35
164	Biologically Relevant Glycopeptides: Synthesis and Applications. , 2008, , 1795-1857.		7
165	Expression of MUC1 mucin in full-term pregnancy human placenta. <i>Advances in Medical Sciences</i> , 2008, 53, 54-8.	0.9	9
166	Mucin-Based Vaccines. , 2008, , 2645-2698.		3

#	ARTICLE	IF	CITATIONS
167	Structure and Function of the Polymeric Mucins in Airways Mucus. Annual Review of Physiology, 2008, 70, 459-486.	5.6	671
168	Adherence of nontypeable <i>Streptococcus pneumoniae</i> to human conjunctival epithelial cells. Microbial Pathogenesis, 2008, 44, 175-185.	1.3	24
169	Proteases and cystic fibrosis. International Journal of Biochemistry and Cell Biology, 2008, 40, 1238-1245.	1.2	171
170	Focus on Molecules: Human mucin MUC16. Experimental Eye Research, 2008, 87, 400-401.	1.2	58
171	Interleukin-4 induces specific pp-GalNAc-T expression and alterations in mucin O-glycosylation in colonic epithelial cells. Biochimica Et Biophysica Acta - General Subjects, 2008, 1780, 577-584.	1.1	20
172	Mucin-type O-glycosylation and its potential use in drug and vaccine development. Biochimica Et Biophysica Acta - General Subjects, 2008, 1780, 546-563.	1.1	266
173	Characterization of Human Mucin (MUC15) and Identification of Ovine and Caprine Orthologs. Journal of Dairy Science, 2008, 91, 4477-4483.	1.4	19
174	CDX2 protein expression in gallbladder carcinoma. Basic and Applied Pathology, 2008, 1, 61-65.	0.2	0
175	Clinical potential of mucins in diagnosis, prognosis, and therapy of ovarian cancer. Lancet Oncology, The, 2008, 9, 1076-1085.	5.1	97
176	Glycoproteomic Analyses of Ovarian Cancer Cell Lines and Sera from Ovarian Cancer Patients Show Distinct Glycosylation Changes in Individual Proteins. Journal of Proteome Research, 2008, 7, 3776-3788.	1.8	72
177	Bladder Cancer Initiating Cells (BCICs) Are Among EMA ⁺ CD44v6 ⁺ Subset: Novel Methods for Isolating Undetermined Cancer Stem (Initiating) Cells. Cancer Investigation, 2008, 26, 725-733.	0.6	107
178	Noncovalent Cell Surface Engineering: Incorporation of Bioactive Synthetic Glycopolymers into Cellular Membranes. Journal of the American Chemical Society, 2008, 130, 5947-5953.	6.6	185
179	Antitumor Effects of Mucin 1/sec Involves the Modulation of Urokinase-Type Plasminogen Activator and Signal Transducer and Activator of Transcription 1 Expression in Tumor Cells. Cancer Research, 2008, 68, 2427-2435.	0.4	13
180	Interaction of <i>Muc2</i> and <i>Apc</i> on Wnt Signaling and in Intestinal Tumorigenesis: Potential Role of Chronic Inflammation. Cancer Research, 2008, 68, 7313-7322.	0.4	99
181	MUC16 Is Lost from the Uterodome (Pinopode) Surface of the Receptive Human Endometrium: In Vitro Evidence That MUC16 Is a Barrier to Trophoblast Adherence1. Biology of Reproduction, 2008, 78, 134-142.	1.2	91
182	The C-terminus of the transmembrane mucin MUC17 binds to the scaffold protein PDZK1 that stably localizes it to the enterocyte apical membrane in the small intestine. Biochemical Journal, 2008, 410, 283-289.	1.7	39
183	Glycoprotein expression by adenomatous polyps of the colon. , 2008, , .		6
184	Analysis of human plasma proteins: a focus on sample collection and separation using free-flow electrophoresis. Expert Review of Proteomics, 2008, 5, 571-587.	1.3	33

#	ARTICLE	IF	CITATIONS
185	MUC4 as a diagnostic marker in cancer. <i>Expert Opinion on Medical Diagnostics</i> , 2008, 2, 891-910.	1.6	21
186	Engineering of mucin-type human glycoproteins in yeast cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3232-3237.	3.3	86
187	MUC1 Mucin. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 39, 644-647.	1.4	71
188	Analysis of mucins: role in laboratory diagnosis. <i>Journal of Clinical Pathology</i> , 2008, 61, 1018-1024.	1.0	35
189	Regulation of TGF- β 2 signalling by N-acetylgalactosaminyltransferase-like 1. <i>Development (Cambridge)</i> , 2008, 135, 1813-1822.	1.2	34
190	Mucin Gene Expression in Human Laryngeal Epithelia: Effect of Laryngopharyngeal Reflux. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2008, 117, 688-695.	0.6	57
191	Structure, evolution, and biology of the MUC4 mucin. <i>FASEB Journal</i> , 2008, 22, 966-981.	0.2	223
192	MUC4, a Multifunctional Transmembrane Glycoprotein, Induces Oncogenic Transformation of NIH3T3 Mouse Fibroblast Cells. <i>Cancer Research</i> , 2008, 68, 9231-9238.	0.4	54
193	Recombinant antibodies for cancer therapy. <i>Expert Opinion on Biological Therapy</i> , 2008, 8, 1123-1141.	1.4	27
194	Cellular and Humoral Immunogenicity of Hamster Polyomavirus-Derived Virus-Like Particles Harboring a Mucin 1 Cytotoxic T-Cell Epitope. <i>Viral Immunology</i> , 2008, 21, 12-26.	0.6	16
195	Functions of ocular surface mucins in health and disease. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2008, 8, 477-483.	1.1	279
196	Dry Eye and Designer Ophthalmics. <i>Optometry and Vision Science</i> , 2008, 85, 643-652.	0.6	20
198	Antiadhesive Character of Mucin O-glycans at the Apical Surface of Corneal Epithelial Cells. , 2008, 49, 197.		63
199	Molecular analysis of early host cell infection by <i>Trypanosoma cruzi</i> . <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 3714.	3.0	27
200	Galectin-3 in the Progression and Metastasis of Colorectal Neoplasia. , 0, , 193-221.		4
201	Glycomic Approach for Potential Biomarkers on Prostate Cancer: Profiling of N-Linked Glycans in Human Sera and pRNS Cell Lines. <i>Disease Markers</i> , 2008, 25, 243-258.	0.6	78
202	The MUC1 Cytoplasmic Tail and Tandem Repeat Domains Contribute to Mammary Oncogenesis in FVB Mice. <i>Breast Cancer: Basic and Clinical Research</i> , 2008, 1, BCBCR.S655.	0.6	5
203	Release of Membrane-Associated Mucins from Ocular Surface Epithelia. , 2008, 49, 1864.		96

#	ARTICLE	IF	CITATIONS
204	Lipids of the ultra-thin square halophilic archaeon <i>Haloquadratum walsbyi</i> . <i>Archaea</i> , 2008, 2, 177-183.	2.3	34
205	Precursor Lesions of Pancreatic Cancer. <i>Gut and Liver</i> , 2008, 2, 137-154.	1.4	72
208	Association of Cell Surface Mucins with Galectin-3 Contributes to the Ocular Surface Epithelial Barrier. <i>Journal of Biological Chemistry</i> , 2009, 284, 23037-23045.	1.6	219
209	Mucins: a new family of epigenetic biomarkers in epithelial cancers. <i>Expert Opinion on Medical Diagnostics</i> , 2009, 3, 411-427.	1.6	15
210	MUC1, a New Hypoxia Inducible Factor Target Gene, Is an Actor in Clear Renal Cell Carcinoma Tumor Progression. <i>Cancer Research</i> , 2009, 69, 5707-5715.	0.4	97
211	IL-8 Regulates Mucin Gene Expression at the Posttranscriptional Level in Lung Epithelial Cells. <i>Journal of Immunology</i> , 2009, 183, 2159-2166.	0.4	81
212	Management of the human mucosal defensive barrier: evidence for glycan legislation. <i>Biological Chemistry</i> , 2009, 390, 581-590.	1.2	43
213	Impact of the National Institute for Health and Clinical Excellence and Social Care Institute for Excellence's dementia guidelines in a neurology-led memory clinic. <i>Clinical Medicine</i> , 2009, 9, 197-198.	0.8	9
214	Immunology of Gynecologic Neoplasms: Analysis of the Prognostic Significance of the Immune Status. <i>Current Cancer Drug Targets</i> , 2009, 9, 541-565.	0.8	17
215	Fut2-null mice display an altered glycosylation profile and impaired BabA-mediated <i>Helicobacter pylori</i> adhesion to gastric mucosa. <i>Glycobiology</i> , 2009, 19, 1525-1536.	1.3	93
216	Clinical impact of MUC1 and MUC4 expression in Barrett-associated oesophageal adenocarcinoma. <i>Journal of Clinical Pathology</i> , 2009, 62, 1144-1146.	1.0	11
217	Role of Intestinal Mucins in Innate Host Defense Mechanisms against Pathogens. <i>Journal of Innate Immunity</i> , 2009, 1, 123-135.	1.8	262
218	Detecting glycan cancer biomarkers in serum samples using MALDI FT-ICR mass spectrometry data. <i>Bioinformatics</i> , 2009, 25, 251-257.	1.8	38
219	Intracellular MUC1 Peptides Inhibit Cancer Progression. <i>Clinical Cancer Research</i> , 2009, 15, 100-109.	3.2	61
220	Interleukin-18 is a crucial determinant of vulnerability of the mouse rectum to psychosocial stress. <i>FASEB Journal</i> , 2009, 23, 1797-1805.	0.2	16
221	Crystallographic and Mutational Analyses of Substrate Recognition of Endo- α -N-acetylgalactosaminidase from <i>Bifidobacterium longum</i> . <i>Journal of Biochemistry</i> , 2009, 146, 389-398.	0.9	48
222	Expression and Functions of Transmembrane Mucin MUC13 in Ovarian Cancer. <i>Cancer Research</i> , 2009, 69, 765-774.	0.4	102
223	Expression of UDP-N-acetyl-D-galactosamine: Polypeptide α -N-acetylgalactosaminyltransferase-6 in Gastric Mucosa, Intestinal Metaplasia, and Gastric Carcinoma. <i>Journal of Histochemistry and Cytochemistry</i> , 2009, 57, 79-86.	1.3	58

#	ARTICLE	IF	CITATIONS
224	The Prevalence and Nature of Glycan Alterations on Specific Proteins in Pancreatic Cancer Patients Revealed Using Antibody-Lectin Sandwich Arrays. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 1697-1707.	2.5	114
225	Influence of dietary resveratrol on early and late molecular markers of 1,2-dimethylhydrazine-induced colon carcinogenesis. <i>Nutrition</i> , 2009, 25, 1169-1176.	1.1	39
226	Airway mucus: The good, the bad, the sticky. , 2009, 121, 332-348.		166
227	MUC1 expression in canine malignant mammary tumours and relationship to clinicopathological features. <i>Veterinary Journal</i> , 2009, 182, 491-493.	0.6	17
228	Expression of Mucins and Trefoil Factor Family Protein-1 in the Colon of Pigs Naturally Infected with <i>Salmonella typhimurium</i> . <i>Journal of Comparative Pathology</i> , 2009, 140, 38-42.	0.1	20
229	<i>Nippostrongylus brasiliensis</i> : Increase of sialomucins reacting with anti-mucin monoclonal antibody HCM31 in rat small intestinal mucosa with primary infection and reinfection. <i>Experimental Parasitology</i> , 2009, 123, 319-325.	0.5	14
230	The Nature and Sequence of the Amino Acid Aglycone Strongly Modulates the Conformation and Dynamics Effects of Tn Antigen's Clusters. <i>Chemistry - A European Journal</i> , 2009, 15, 3863-3874.	1.7	22
231	Linked Glycopeptide Mimetics: Synthesis, Conformation Analysis, and Interactions with Viscumin, a Galactoside-Binding Model Lectin. <i>Chemistry - A European Journal</i> , 2009, 15, 10423-10431.	1.7	39
232	The MUC1 oncoprotein as a functional target: Immunotoxin binding to E-cadherin junction mediates cell killing. <i>International Journal of Cancer</i> , 2009, 124, 46-54.	2.3	20
233	Potential use of mucins as biomaterial coatings. II. Mucin coatings affect the conformation and neutrophil-activating properties of adsorbed host proteins" Toward a mucosal mimic. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 91A, 773-785.	2.1	38
234	Single-molecule pair studies of the interactions of the TnGalNAc (Tn antigen) form of porcine submaxillary mucin with soybean agglutinin. <i>Biopolymers</i> , 2009, 91, 719-728.	1.2	29
235	Glycosylation of human fetal mucins: a similar repertoire of O-glycans along the intestinal tract. <i>Glycoconjugate Journal</i> , 2009, 26, 397-413.	1.4	44
236	Interactions between human neutrophils and mucin-coated surfaces. <i>Journal of Materials Science: Materials in Medicine</i> , 2009, 20, 621-631.	1.7	21
237	The potential of optical proteomic technologies to individualize prognosis and guide rational treatment for cancer patients. <i>Targeted Oncology</i> , 2009, 4, 235-252.	1.7	52
238	Targeted serum glycoproteomics for the discovery of lung cancer-associated glycosylation disorders using lectin-coupled ProteinChip arrays. <i>Proteomics</i> , 2009, 9, 2182-2192.	1.3	52
239	Changes of serum-associated fucosylated glycoproteins and changes in glycosylation of IgA in human cirrhosis. <i>Proteomics - Clinical Applications</i> , 2009, 3, 609-622.	0.8	4
240	Mucin 1 (MUC1) is a novel partner for MAL2 in breast carcinoma cells. <i>BMC Cell Biology</i> , 2009, 10, 7.	3.0	21
241	Efficient production of human bivalent and trivalent anti-MUC1 Fab-scFv antibodies in <i>Pichia pastoris</i> . <i>BMC Biotechnology</i> , 2009, 9, 70.	1.7	34

#	ARTICLE	IF	CITATIONS
242	Mucins in ovarian cancer diagnosis and therapy. <i>Journal of Ovarian Research</i> , 2009, 2, 21.	1.3	54
243	Surface analysis of pure and complex mucin coatings on a real-type substrate using individual and combined mBCA, ELLA, and ELISA. <i>Journal of Colloid and Interface Science</i> , 2009, 333, 180-187.	5.0	7
244	Current status of mucins in the diagnosis and therapy of cancer. <i>BioFactors</i> , 2009, 35, 509-527.	2.6	128
245	Lectinomics I. Relevance of exogenous plant lectins in biomedical diagnostics. <i>Biologia (Poland)</i> , 2009, 64, 1-19.	0.8	49
246	Expression of a Core 3 Disialyl-Le ^x Hexasaccharide in Human Colorectal Cancers: A Potential Marker of Malignant Transformation in Colon. <i>Journal of Proteome Research</i> , 2009, 8, 702-711.	1.8	38
247	An Essential Epitope of Anti-MUC1 Monoclonal Antibody KL-6 Revealed by Focused Glycopeptide Library. <i>Journal of the American Chemical Society</i> , 2009, 131, 17102-17109.	6.6	76
248	Supported Molecular Matrix Electrophoresis: A New Tool for Characterization of Glycoproteins. <i>Analytical Chemistry</i> , 2009, 81, 3816-3823.	3.2	51
249	Development of a Robust and High Throughput Method for Profiling N-Linked Glycans Derived from Plasma Glycoproteins by NanoLC-FTICR Mass Spectrometry. <i>Journal of Proteome Research</i> , 2009, 8, 3764-3770.	1.8	42
250	Development of a nanoLC LTQ Orbitrap Mass Spectrometric Method for Profiling Glycans Derived from Plasma from Healthy, Benign Tumor Control, and Epithelial Ovarian Cancer Patients. <i>Analytical Chemistry</i> , 2009, 81, 1130-1136.	3.2	74
251	Mucin overexpression limits the effectiveness of 5-FU by reducing intracellular drug uptake and antineoplastic drug effects in pancreatic tumours. <i>European Journal of Cancer</i> , 2009, 45, 164-173.	1.3	49
252	Site directed processing: Role of amino acid sequences and glycosylation of acceptor glycopeptides in the assembly of extended mucin type O-glycan core 2. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2009, 1790, 1244-1257.	1.1	28
253	Expression of KL-6 mucin, a human MUC1 mucin, in intrahepatic cholangiocarcinoma and its potential involvement in tumor cell adhesion and invasion. <i>Life Sciences</i> , 2009, 85, 395-400.	2.0	10
254	Surface Mucin-1 does not play a role in dendritic cell migration. <i>Molecular Immunology</i> , 2009, 46, 738-742.	1.0	1
255	Modification of Gastric Mucin Oligosaccharide Expression in Rhesus Macaques After Infection With <i>Helicobacter pylori</i> . <i>Gastroenterology</i> , 2009, 137, 1061-1071.e8.	0.6	48
256	The cervical mucus plug: Structured review of the literature. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2009, 88, 502-513.	1.3	122
257	Comparative Studies on the Structural Features of O-Glycans between Leukemia and Epithelial Cell Lines. <i>Journal of Proteome Research</i> , 2009, 8, 521-537.	1.8	29
258	Mann-Whitney U-test. , 2008, , 1764-1764.		0
259	Evaluation of a Novel Anti-Mucin 1 (MUC1) Antibody (PankoMab) as a Potential Diagnostic Tool in Human Ductal Breast Cancer; Comparison with Two Established Antibodies. <i>Oncology Research and Treatment</i> , 2009, 32, 238-244.	0.8	24

#	ARTICLE	IF	CITATIONS
260	Aptamer-Based Detection of Epithelial Tumor Marker Mucin 1 with Quantum Dot-Based Fluorescence Readout. <i>Analytical Chemistry</i> , 2009, 81, 6130-6139.	3.2	170
261	Glycomics. , 2009, , .		6
262	Mucin Glycosylation Is Altered by Pro-Inflammatory Signaling in Pancreatic-Cancer Cells. <i>Journal of Proteome Research</i> , 2009, 8, 1876-1886.	1.8	70
263	Towards an integrated proteomic and glycomic approach to finding cancer biomarkers. <i>Genome Medicine</i> , 2009, 1, 57.	3.6	63
265	Functional Neoglycopeptides: Synthesis and Characterization of a New Class of MUC1 Glycoprotein Models Having Core 2-Based <i>O</i> -Glycan and Complex-Type <i>N</i> -Glycan Chains. <i>Biochemistry</i> , 2009, 48, 11117-11133.	1.2	37
266	Inhibition of Glycosyltransferase Activities as the Basis for Drug Development. , 2009, 534, 359-373.		8
267	Upregulation of MUC4 in Cervical Squamous Cell Carcinoma: Pathologic Significance. <i>International Journal of Gynecological Pathology</i> , 2009, 28, 127-133.	0.9	20
268	Urokinase-mediated recruitment of myeloid-derived suppressor cells and their suppressive mechanisms are blocked by MUC1/sec. <i>Blood</i> , 2009, 113, 4729-4739.	0.6	26
269	Glycan Engineering and Production of 'Humanized' Glycoprotein in Yeast Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 786-795.	0.6	61
270	Evolutionary Considerations in Studying the Sialome: Sialic Acids and the Host-Pathogen Interface. , 0, , 69-88.		2
271	MUC16 Expression and Risk of Adenocarcinoma Metastases to Peritoneum, Pleura, Leptomeninges, and Brain. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2010, 18, 250-253.	0.6	7
272	Glycosylation Variants of Mucins and CEACAMs As Candidate Biomarkers for the Diagnosis of Pancreatic Cystic Neoplasms. <i>Annals of Surgery</i> , 2010, 251, 937-945.	2.1	83
273	Bile acid regulates MUC2 transcription in colon cancer cells via positive EGFR/PKC/Ras/ERK/CREB, PI3K/Akt/I κ B/NF- κ B and p38/MSK1/CREB pathways and negative JNK/c-Jun/AP-1 pathway. <i>International Journal of Oncology</i> , 2010, 36, 941-53.	1.4	58
274	Ionic liquids in oligosaccharide synthesis: towards mucin-type glycan probes. <i>Biochemical Society Transactions</i> , 2010, 38, 1368-1373.	1.6	18
275	Expression of Mucins in the Mucosal Surface of Small Intestines in 1 Week-Old Pigs. <i>Journal of Veterinary Medical Science</i> , 2010, 72, 245-247.	0.3	10
276	Innate Immune Responses of the Airway Epithelium. <i>Molecules and Cells</i> , 2010, 30, 173-184.	1.0	47
277	Significance of mucin expression in pancreatobiliary neoplasms. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2010, 17, 108-124.	1.4	102
278	Immunohistochemical study of mucin expression in periampullary adenomyoma. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2010, 17, 275-283.	1.4	15

#	ARTICLE	IF	CITATIONS
279	Overexpression of the MUC2 gene through promoter hypomethylation in mucinous cell carcinomas and signet ring cell carcinomas of gastric cancer. <i>Genes and Genomics</i> , 2010, 32, 429-435.	0.5	3
280	Mass spectrometry analysis of melanoma related O-glycans in sera. <i>Science China Chemistry</i> , 2010, 53, 807-811.	4.2	0
281	From the endometrium physiology to a comprehensive strategy for the discovery of ovarian cancer biomarkers. <i>Oncology Reviews</i> , 2010, 4, 43-50.	0.8	0
282	Intestinal Goblet Cells and Mucins in Health and Disease: Recent Insights and Progress. <i>Current Gastroenterology Reports</i> , 2010, 12, 319-330.	1.1	1,067
283	Selectins promote tumor metastasis. <i>Seminars in Cancer Biology</i> , 2010, 20, 169-177.	4.3	381
284	Mucin-interacting proteins: from function to therapeutics. <i>Trends in Biochemical Sciences</i> , 2010, 35, 236-245.	3.7	137
285	Immunohistochemical analysis of colorectal cancer with gastric phenotype: Claudin-18 is associated with poor prognosis. <i>Pathology International</i> , 2010, 60, 673-680.	0.6	46
286	MUC1 oncogene amplification correlates with protein overexpression in invasive breast carcinoma cells. <i>Cancer Genetics and Cytogenetics</i> , 2010, 201, 102-110.	1.0	43
287	Short rare MUC6 minisatellites-5 alleles influence susceptibility to gastric carcinoma by regulating gene. <i>Human Mutation</i> , 2010, 31, 942-949.	1.1	33
288	Detailed Haplotype-Tagging Study of Germline Variation of MUC19 in Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2010, 16, 557-558.	0.9	8
289	<i>MUC12</i> mRNA expression is an independent marker of prognosis in stage II and stage III colorectal cancer. <i>International Journal of Cancer</i> , 2010, 127, 2292-2299.	2.3	99
290	The expression of MUC mucin in cholangiocarcinoma. <i>Pathology Research and Practice</i> , 2010, 206, 805-809.	1.0	36
291	Murine fecal proteomics: A model system for the detection of potential biomarkers for colorectal cancer. <i>Journal of Chromatography A</i> , 2010, 1217, 3330-3340.	1.8	34
292	CD44 ⁺ slow-cycling tumor cell expansion is triggered by cooperative actions of Wnt and prostaglandin E ₂ in gastric tumorigenesis. <i>Cancer Science</i> , 2010, 101, 673-678.	1.7	130
293	MUC4 mucin-induced epithelial to mesenchymal transition: a novel mechanism for metastasis of human ovarian cancer cells. <i>Oncogene</i> , 2010, 29, 5741-5754.	2.6	123
294	The reactive tumor microenvironment: MUC1 signaling directly reprograms transcription of CTGF. <i>Oncogene</i> , 2010, 29, 5667-5677.	2.6	74
295	Membrane-bound mucins: the mechanistic basis for alterations in the growth and survival of cancer cells. <i>Oncogene</i> , 2010, 29, 2893-2904.	2.6	334
296	The future of mucosal immunology: studying an integrated system-wide organ. <i>Nature Immunology</i> , 2010, 11, 558-560.	7.0	104

#	ARTICLE	IF	CITATIONS
297	Carbohydrate vaccines: developing sweet solutions to sticky situations?. <i>Nature Reviews Drug Discovery</i> , 2010, 9, 308-324.	21.5	524
298	Expression of mucin antigens (MUC1 and MUC16) as a prognostic factor for mucinous adenocarcinoma of the uterine cervix. <i>Journal of Obstetrics and Gynaecology Research</i> , 2010, 36, 588-597.	0.6	25
301	Biosynthesis of Complex Mucin-Type O-Glycans. , 2010, , 315-350.		6
302	Immunohistochemical evidence of Muc1 expression during rat embryonic development. <i>European Journal of Histochemistry</i> , 2010, 54, 49.	0.6	14
303	Glycomics: Relevance for Personalized Medicine. <i>Current Pharmacogenomics and Personalized Medicine</i> , 2010, 8, 49-63.	0.2	0
304	Over-expression of ST3Gal-I promotes mammary tumorigenesis. <i>Glycobiology</i> , 2010, 20, 1241-1250.	1.3	124
305	Mucin-bacterial interactions in the human oral cavity and digestive tract. <i>Gut Microbes</i> , 2010, 1, 254-268.	4.3	421
306	Effects of Thymoquinone in the Expression of Mucin 4 in Pancreatic Cancer Cells: Implications for the Development of Novel Cancer Therapies. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1419-1431.	1.9	120
307	PH1-derived bivalent bibodies and trivalent tribodies bind differentially to shed and tumour cell-associated MUC1. <i>Protein Engineering, Design and Selection</i> , 2010, 23, 721-728.	1.0	11
309	Tumor markers in pancreatic cancer: a European Group on Tumor Markers (EGTM) status report. <i>Annals of Oncology</i> , 2010, 21, 441-447.	0.6	300
310	Proteomics Analysis of A33 Immunoaffinity-purified Exosomes Released from the Human Colon Tumor Cell Line LIM1215 Reveals a Tissue-specific Protein Signature. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 197-208.	2.5	496
311	Interaction of phospholipid transfer protein with human tear fluid mucins. <i>Journal of Lipid Research</i> , 2010, 51, 3126-3134.	2.0	14
312	Sho1 and Msb2-Related Proteins Regulate Appressorium Development in the Smut Fungus <i>Ustilago maydis</i> . <i>Plant Cell</i> , 2010, 22, 2085-2101.	3.1	120
313	Plasma Membrane Proteomics and Its Application in Clinical Cancer Biomarker Discovery. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 1369-1382.	2.5	142
314	Expression of intestinal MUC17 membrane-bound mucin in inflammatory and neoplastic diseases of the colon. <i>Journal of Clinical Pathology</i> , 2010, 63, 702-707.	1.0	57
315	Steric Shielding of Surface Epitopes and Impaired Immune Recognition Induced by the Ebola Virus Glycoprotein. <i>PLoS Pathogens</i> , 2010, 6, e1001098.	2.1	132
316	Dry eye. , 2010, , 138-145.		0
317	Mucins and Pancreatic Cancer. <i>Cancers</i> , 2010, 2, 1794-1812.	1.7	75

#	ARTICLE	IF	CITATIONS
318	In Vitro and In Vivo Enzymatic Syntheses and Mass Spectrometric Database for N-Glycans and O-Glycans. <i>Methods in Enzymology</i> , 2010, 478, 127-149.	0.4	8
319	Glycoprotein mucin molecular brush on cancer cell surface acting as mechanical barrier against drug delivery. <i>Applied Physics Letters</i> , 2010, 97, 263703.	1.5	19
320	Unique Sugar Metabolic Pathways of Bifidobacteria. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 2374-2384.	0.6	91
321	An Efficient Approach to the Discovery of Potent Inhibitors against Glycosyltransferases. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 5607-5619.	2.9	37
322	Functional Characterization of the Frost Gene in <i>Drosophila melanogaster</i> : Importance for Recovery from Chill Coma. <i>PLoS ONE</i> , 2010, 5, e10925.	1.1	55
323	Glycan gene expression signatures in normal and malignant breast tissue; possible role in diagnosis and progression. <i>Molecular Oncology</i> , 2010, 4, 98-118.	2.1	147
324	Alterations in glycosylation as biomarkers for cancer detection. <i>Journal of Clinical Pathology</i> , 2010, 63, 322-329.	1.0	369
325	MUC16 provides immune protection by inhibiting synapse formation between NK and ovarian tumor cells. <i>Molecular Cancer</i> , 2010, 9, 11.	7.9	163
326	Identification of Siglec-9 as the receptor for MUC16 on human NK cells, B cells, and monocytes. <i>Molecular Cancer</i> , 2010, 9, 118.	7.9	169
327	Unexpected Tolerance of Glycosylation by UDP-GalNAc:Polypeptide 4-Epimerase Revealed by Electron Capture Dissociation Mass Spectrometry: Carbohydrate as Potential Protective Groups. <i>Biochemistry</i> , 2010, 49, 5929-5941.	1.2	14
328	In Situ Electrochemical Imaging of Membrane Glycan Expression on Micropatterned Adherent Single Cells. <i>Analytical Chemistry</i> , 2010, 82, 7112-7118.	3.2	33
329	Regulation of NK-cell function by mucins via antigen-presenting cells. <i>Medical Hypotheses</i> , 2010, 75, 541-543.	0.8	6
330	Exploiting liver immunity for the prevention of hepatic metastases. <i>Journal of Hepatology</i> , 2010, 53, 596-598.	1.8	2
331	Promoter hypomethylation contributes to the expression of MUC3A in cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 397, 333-339.	1.0	20
332	Effect of pro-inflammatory mediators on membrane-associated mucins expressed by human ocular surface epithelial cells. <i>Experimental Eye Research</i> , 2010, 90, 444-451.	1.2	82
333	Membrane-tethered mucins have multiple functions on the ocular surface. <i>Experimental Eye Research</i> , 2010, 90, 655-663.	1.2	199
334	The role of mucin-type O-glycans in eukaryotic development. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 616-621.	2.3	65
335	Tenectin is a novel α 5 β 1 integrin ligand required for wing morphogenesis and male genital looping in <i>Drosophila</i> . <i>Developmental Biology</i> , 2010, 340, 504-517.	0.9	18

#	ARTICLE	IF	CITATIONS
336	Autoproteolysis of the SEA module of rMuc3 C-terminal domain modulates its functional composition. Archives of Biochemistry and Biophysics, 2010, 503, 238-247.	1.4	6
337	Fine-Tuning Antitumor Responses Through the Control of Galectin-Glycan Interactions: An Overview. Methods in Molecular Biology, 2010, 677, 355-374.	0.4	22
338	Cigarette Smoke Induces Epidermal Growth Factor Receptor-Dependent Redistribution of Apical MUC1 and Junctional β -Catenin in Polarized Human Airway Epithelial Cells. American Journal of Pathology, 2010, 177, 1255-1264.	1.9	33
339	Glycoblotting-Assisted β -Glycomics: Ammonium Carbamate Allows for Highly Efficient β -Glycan Release from Glycoproteins. Analytical Chemistry, 2010, 82, 10021-10029.	3.2	79
340	RNA interference suppression of mucin 5AC (MUC5AC) reduces the adhesive and invasive capacity of human pancreatic cancer cells. Journal of Experimental and Clinical Cancer Research, 2010, 29, 53.	3.5	56
341	Innate Immunity in the Small Intestine of the Preterm Infant. NeoReviews, 2011, 12, e517-e526.	0.4	61
342	Expression of the Membrane Mucins MUC4 and MUC15, Potential Markers of Malignancy and Prognosis, in Papillary Thyroid Carcinoma. Thyroid, 2011, 21, 745-750.	2.4	29
343	Function of the CysD domain of the gel-forming MUC2 mucin. Biochemical Journal, 2011, 436, 61-70.	1.7	78
344	Mammalian Sialyltransferase ST3Gal-III: Its Exchange Sialylation Catalytic Properties Allow Labeling of Sialyl Residues in Mucin-Type Sialylated Glycoproteins and Specific Gangliosides. Biochemistry, 2011, 50, 9475-9487.	1.2	11
345	Measuring Kinetic Dissociation/Association Constants Between Lactococcus lactis Bacteria and Mucins Using Living Cell Probes. Biophysical Journal, 2011, 101, 2843-2853.	0.2	52
346	GnRH Agonists. , 2011, , 1576-1576.		0
347	Gossypol. , 2011, , 1586-1586.		0
348	The MUC13 cell-surface mucin protects against intestinal inflammation by inhibiting epithelial cell apoptosis. Gut, 2011, 60, 1661-1670.	6.1	119
349	Galectins, Glycans, and Mucins as Targets for Novel and Specific Antibody Therapies in Gynecologic Cancer Therapies. Else-KrÄ¶ner-Fresenius-Symposia, 2011, , 177-184.	0.1	0
350	Metallothionein Enzymes. , 2011, , 2259-2259.		0
352	Metalloenzymes. , 2011, , 2258-2259.		0
353	G2/M Cyclins. , 2011, , 1481-1482.		0
354	MUC1 and MUC4: Switching the Emphasis from Large to Small. Cancer Biotherapy and Radiopharmaceuticals, 2011, 26, 261-271.	0.7	39

#	ARTICLE	IF	CITATIONS
356	5-Aza-2â€²-deoxycytidine increases sialyl Lewis X on MUC1 by stimulating Î²-galactoside:Î±2,3-sialyltransferase 6 gene. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 586-593.	1.2	28
357	Monoclonal antibody targeting MUC1 and increasing sensitivity to docetaxel as a novel strategy in treating human epithelial ovarian cancer. <i>Cancer Letters</i> , 2011, 300, 122-133.	3.2	25
358	Role of mucins in the skin during benign and malignant conditions. <i>Cancer Letters</i> , 2011, 301, 127-141.	3.2	42
359	MUC1/A and MUC1/B splice variants differentially regulate inflammatory cytokine expression. <i>Experimental Eye Research</i> , 2011, 93, 649-657.	1.2	17
360	The MUC4 membrane-bound mucin regulates esophageal cancer cell proliferation and migration properties: Implication for S100A4 protein. <i>Biochemical and Biophysical Research Communications</i> , 2011, 413, 325-329.	1.0	17
361	Expression of KL-6/MUC1 in pancreatic ductal carcinoma and its potential relationship with Î²-catenin in tumor progression. <i>Life Sciences</i> , 2011, 88, 1063-1069.	2.0	10
362	Caco-2 and LS174T cell lines provide different models for studying mucin expression in colon cancer. <i>Tissue and Cell</i> , 2011, 43, 201-206.	1.0	76
363	Comparative Genetic Analysis of Type 1 Diabetes and Inflammatory Bowel Disease. , 0, , .		0
364	Oncogenic Signaling in Gastric Carcinoma. , 2011, , .		1
365	MUC13 (mucin 13, cell surface associated). <i>Atlas of Genetics and Cytogenetics in Oncology and Haematology</i> , 2011, , .	0.1	0
366	Glycoproteomics-Based Identification of Cancer Biomarkers. <i>International Journal of Proteomics</i> , 2011, 2011, 1-10.	2.0	49
367	Proteomics-Based Disease Biomarkers. <i>International Journal of Proteomics</i> , 2011, 2011, 1-2.	2.0	3
368	Cell-Specific Aptamers as Emerging Therapeutics. <i>Journal of Nucleic Acids</i> , 2011, 2011, 1-18.	0.8	79
369	Pathobiological Implications of MUC16 Expression in Pancreatic Cancer. <i>PLoS ONE</i> , 2011, 6, e26839.	1.1	113
370	Enhanced Discrimination of Malignant from Benign Pancreatic Disease by Measuring the CA 19-9 Antigen on Specific Protein Carriers. <i>PLoS ONE</i> , 2011, 6, e29180.	1.1	61
371	Identification of HLA-A*0201- and A*2402-Restricted Epitopes of Mucin 5AC Expressed in Advanced Pancreatic Cancer. <i>Pancreas</i> , 2011, 40, 896-904.	0.5	12
372	Downregulation of Mucins in Graft Bile Ducts After Liver Transplantation in Rats. <i>Transplantation</i> , 2011, 92, 529-535.	0.5	10
373	Expression of KL-6/MUC1 in pancreatic cancer tissues and its potential involvement in tumor metastasis. <i>Oncology Reports</i> , 2011, 26, 371-6.	1.2	9

#	ARTICLE	IF	CITATIONS
374	Tumor-associated MUC5AC stimulates in vivo tumorigenicity of human pancreatic cancer. <i>International Journal of Oncology</i> , 2011, 38, 619-27.	1.4	30
375	Roadblocks in the gut: barriers to enteric infection. <i>Cellular Microbiology</i> , 2011, 13, 660-669.	1.1	65
376	Uterine cervical carcinomas associated with lobular endocervical glandular hyperplasia. <i>Histopathology</i> , 2011, 59, 55-62.	1.6	17
377	Development of human minor salivary glands: expression of mucins according to stage of morphogenesis. <i>Journal of Anatomy</i> , 2011, 219, 410-417.	0.9	19
378	The mouse <i>Muc5b</i> mucin gene is transcriptionally regulated by thyroid transcription factor-1 (TTF-1) and GATA-6 transcription factors. <i>FEBS Journal</i> , 2011, 278, 282-294.	2.2	24
379	GLI1 facilitates the migration and invasion of pancreatic cancer cells through MUC5AC-mediated attenuation of E-cadherin. <i>Oncogene</i> , 2011, 30, 714-723.	2.6	105
380	MUC1 enhances invasiveness of pancreatic cancer cells by inducing epithelial to mesenchymal transition. <i>Oncogene</i> , 2011, 30, 1449-1459.	2.6	232
381	Galectin-3 regulates MUC1 and EGFR cellular distribution and EGFR downstream pathways in pancreatic cancer cells. <i>Oncogene</i> , 2011, 30, 2514-2525.	2.6	97
382	Overexpression of GalNAc-transferase GalNAc-T3 promotes pancreatic cancer cell growth. <i>Oncogene</i> , 2011, 30, 4843-4854.	2.6	71
383	Polypeptide N-acetylgalactosaminyltransferase 6 expression in pancreatic cancer is an independent prognostic factor indicating better overall survival. <i>British Journal of Cancer</i> , 2011, 104, 1882-1889.	2.9	62
384	Location, location, location: new insights into O-GalNAc protein glycosylation. <i>Trends in Cell Biology</i> , 2011, 21, 149-158.	3.6	200
385	Tumor targeted quantum dot-mucin 1 aptamer-doxorubicin conjugate for imaging and treatment of cancer. <i>Journal of Controlled Release</i> , 2011, 153, 16-22.	4.8	294
386	Tumor-associated glycoprotein (TAG-72) is a natural ligand for the C-type lectin-like domain that induces anti-inflammatory orientation of early pregnancy decidual CD1a+ dendritic cells. <i>Journal of Reproductive Immunology</i> , 2011, 88, 12-23.	0.8	13
387	MUC6 mucin expression inhibits tumor cell invasion. <i>Experimental Cell Research</i> , 2011, 317, 2408-2419.	1.2	42
388	Expression Of Ki-67 and MUC1 In mucoepidermoid carcinomas of young and adult patients: Prognostic implications. <i>Experimental and Molecular Pathology</i> , 2011, 90, 271-275.	0.9	5
389	More than a biomarker: CA125 may contribute to ovarian cancer pathogenesis. <i>Gynecologic Oncology</i> , 2011, 121, 429-430.	0.6	49
390	Mucins Differently Expressed in Various Ampullary Adenocarcinomas. <i>Diagnostic Pathology</i> , 2011, 6, 102.	0.9	9
391	Mucins in human neoplasms: Clinical pathology, gene expression and diagnostic application. <i>Pathology International</i> , 2011, 61, 697-716.	0.6	90

#	ARTICLE	IF	CITATIONS
392	One-year plasma N-linked glycome intra-individual and inter-individual variability in the chicken model of spontaneous ovarian adenocarcinoma. <i>International Journal of Mass Spectrometry</i> , 2011, 305, 79-86.	0.7	8
393	Mucins in the pathogenesis of breast cancer: Implications in diagnosis, prognosis and therapy. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2011, 1815, 224-240.	3.3	98
394	Cell surface glycoproteomic analysis of prostate cancer-derived PC-3 cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 4945-4950.	1.0	40
395	The archaeal cell envelope. <i>Nature Reviews Microbiology</i> , 2011, 9, 414-426.	13.6	444
396	Boronic Acid Functionalized Peptidyl Synthetic Lectins: Combinatorial Library Design, Peptide Sequencing, and Selective Glycoprotein Recognition. <i>ACS Combinatorial Science</i> , 2011, 13, 232-243.	3.8	44
397	Can strategies targeting cleaved MUC1 overcome resistance to trastuzumab?. <i>Breast Cancer Research and Treatment</i> , 2011, 127, 589-590.	1.1	0
398	Prediction of mucin-type O-glycosylation sites by a two-staged strategy. <i>Molecular Diversity</i> , 2011, 15, 427-433.	2.1	6
399	Expression of mucins on the mucosal surface of lungs of 4-week-old pigs. <i>Veterinary Research Communications</i> , 2011, 35, 255-260.	0.6	5
400	What role do mucins have in the development of laryngeal squamous cell carcinoma? A systematic review. <i>European Archives of Oto-Rhino-Laryngology</i> , 2011, 268, 1109-1117.	0.8	13
401	Quantification of the effect of glycocalyx condition on membrane receptor interactions using an acoustic wave sensor. <i>European Biophysics Journal</i> , 2011, 40, 209-215.	1.2	7
402	The increase in the expression and hypomethylation of MUC4 gene with the progression of pancreatic ductal adenocarcinoma. <i>Medical Oncology</i> , 2011, 28, 175-184.	1.2	59
403	Epigenetic regulation of mucin genes in human cancers. <i>Clinical Epigenetics</i> , 2011, 2, 85-96.	1.8	43
404	Evolutional and clinical implications of the epigenetic regulation of protein glycosylation. <i>Clinical Epigenetics</i> , 2011, 2, 425-432.	1.8	19
405	O-glycosylation of MUC1 mucin in prostate cancer and the effects of its expression on tumor growth in a prostate cancer xenograft model. <i>Tumor Biology</i> , 2011, 32, 203-213.	0.8	17
406	Differentiation of breast cancer stem cells by knockdown of CD44: promising differentiation therapy. <i>Journal of Translational Medicine</i> , 2011, 9, 209.	1.8	102
407	MUC4 stabilizes HER2 expression and maintains the cancer stem cell population in ovarian cancer cells. <i>Journal of Ovarian Research</i> , 2011, 4, 7.	1.3	44
408	Identification of bloodâ€protein carriers of the CA 19â€9 antigen and characterization of prevalence in pancreatic diseases. <i>Proteomics</i> , 2011, 11, 3665-3674.	1.3	54
409	¹ Hâ€MRS can detect aberrant glycosylation in tumour cells: a study of the HeLa cell line. <i>NMR in Biomedicine</i> , 2011, 24, 1099-1110.	1.6	4

#	ARTICLE	IF	CITATIONS
410	Improved method for immunostaining of mucin separated by supported molecular matrix electrophoresis by optimizing the matrix composition and fixation procedure. <i>Electrophoresis</i> , 2011, 32, 1829-1836.	1.3	30
411	Prediction of pathologic complete response to sequential paclitaxel and 5-fluorouracil/epirubicin/cyclophosphamide therapy using a 70-gene classifier for breast cancers. <i>Cancer</i> , 2011, 117, 3682-3690.	2.0	31
412	Colonic gene expression patterns of mucin muc2 knockout mice reveal various phases in colitis development1. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 2047-2057.	0.9	40
413	Seromic profiling of colorectal cancer patients with novel glycopeptide microarray. <i>International Journal of Cancer</i> , 2011, 128, 1860-1871.	2.3	122
414	An Efficient Approach for the Characterization of Mucinâ€¢Type Glycopeptides: The Effect of Oâ€¢Glycosylation on the Conformation of Synthetic Mucin Peptides. <i>Chemistry - A European Journal</i> , 2011, 17, 2393-2404.	1.7	29
415	Engineering <i>O</i>â€¢Glycosylation Points in Nonâ€¢extended Peptides: Implications for the Molecular Recognition of Short Tumorâ€¢Associated Glycopeptides. <i>Chemistry - A European Journal</i> , 2011, 17, 3105-3110.	1.7	19
416	Towards a Fully Synthetic MUC1â€¢Based Anticancer Vaccine: Efficient Conjugation of Glycopeptides with Monoâ€¢, Diâ€¢, and Tetravalent Lipopeptides Using Click Chemistry. <i>Chemistry - A European Journal</i> , 2011, 17, 6396-6406.	1.7	56
417	Muc17 protects intestinal epithelial cells from enteroinvasive <i>E. coli</i> infection by promoting epithelial barrier integrity. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, G1144-G1155.	1.6	32
418	Mucin 13: Structure, Function, and Potential Roles in Cancer Pathogenesis. <i>Molecular Cancer Research</i> , 2011, 9, 531-537.	1.5	68
419	Transmembrane mucins as novel therapeutic targets. <i>Expert Review of Endocrinology and Metabolism</i> , 2011, 6, 835-848.	1.2	22
420	Aberrant overexpression of membrane-associated mucin contributes to tumor progression in adult T-cell leukemia/lymphoma cells. <i>Leukemia and Lymphoma</i> , 2011, 52, 1108-1117.	0.6	10
421	MicroRNA-150 directly targets MUC4 and suppresses growth and malignant behavior of pancreatic cancer cells. <i>Carcinogenesis</i> , 2011, 32, 1832-1839.	1.3	155
422	Tn Glycosylation of the MUC6 Protein Modulates Its Immunogenicity and Promotes the Induction of Th17-biased T Cell Responses. <i>Journal of Biological Chemistry</i> , 2011, 286, 7797-7811.	1.6	46
424	Antibiotic Treatment Alters the Colonic Mucus Layer and Predisposes the Host to Exacerbated <i>Citrobacter rodentium</i> -Induced Colitis. <i>Infection and Immunity</i> , 2011, 79, 1536-1545.	1.0	322
425	Mucin Expression Pattern in Pancreatic Diseases: Findings From EUS-Guided Fine-Needle Aspiration Biopsies. <i>American Journal of Gastroenterology</i> , 2011, 106, 1359-1363.	0.2	52
426	The Membrane Mucin Msb2 Regulates Invasive Growth and Plant Infection in <i>Fusarium oxysporum</i>. <i>Plant Cell</i> , 2011, 23, 1171-1185.	3.1	97
427	DNA methylation and histone H3-K9 modifications contribute to MUC17 expression. <i>Glycobiology</i> , 2011, 21, 247-256.	1.3	31
428	Cell Surface Markers in Colorectal Cancer Prognosis. <i>International Journal of Molecular Sciences</i> , 2011, 12, 78-113.	1.8	49

#	ARTICLE	IF	CITATIONS
429	The effects of laminarin derived from <i>Laminaria digitata</i> on measurements of gut health: selected bacterial populations, intestinal fermentation, mucin gene expression and cytokine gene expression in the pig. <i>British Journal of Nutrition</i> , 2011, 105, 669-677.	1.2	79
430	Development of a Serum Biomarker Assay That Differentiates Tumor-Associated MUC5AC (NPC-1C) Tj ETQq1 1 0.784314 rgBT /Overl	3.0	18
431	Sialyl-Tn in Cancer: (How) Did We Miss the Target?. <i>Biomolecules</i> , 2012, 2, 435-466.	1.8	129
432	Glucocorticoid Receptor and Histone Deacetylase ² Mediate Dexamethasone-Induced Repression of MUC5AC Gene Expression. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 47, 637-644.	1.4	37
433	CFTR, Mucins, and Mucus Obstruction in Cystic Fibrosis. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2012, 2, a009589-a009589.	2.9	184
434	Genetic Markers of Malignant Transformation in Intraductal Papillary Mucinous Neoplasm of the Pancreas. <i>Pancreas</i> , 2012, 41, 1195-1205.	0.5	39
435	Altered Expression of Sialylated Glycoproteins in Breast Cancer Using Hydrazide Chemistry and Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.011403.	2.5	57
436	Stem-Like Epithelial Cells Are Concentrated in the Distal End of the Fallopian Tube: A Site for Injury and Serous Cancer Initiation. <i>Stem Cells</i> , 2012, 30, 2487-2497.	1.4	155
437	MUC1 regulates PDGFA expression during pancreatic cancer progression. <i>Oncogene</i> , 2012, 31, 4935-4945.	2.6	75
438	Pathobiological Implications of MUC16/CA125 Expression in Intrahepatic Cholangiocarcinoma-Mass Forming Type. <i>Pathobiology</i> , 2012, 79, 101-106.	1.9	61
439	MUC13 Mucin Augments Pancreatic Tumorigenesis. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 24-33.	1.9	81
440	Bladder cancer glycosylation insights. <i>Carbohydrate Chemistry</i> , 2012, , 156-175.	0.3	0
441	Human Milk Mucin 1 and Mucin 4 Inhibit <i>Salmonella enterica</i> Serovar Typhimurium Invasion of Human Intestinal Epithelial Cells In Vitro. <i>Journal of Nutrition</i> , 2012, 142, 1504-1509.	1.3	55
442	MUC1 in human and murine mammary carcinoma cells decreases the expression of core 2 β 1,6-N-acetylglucosaminyltransferase and β -galactoside β 2,3-sialyltransferase. <i>Glycobiology</i> , 2012, 22, 1042-1054.	1.3	25
443	Lung Cancer: A Classic Example of Tumor Escape and Progression While Providing Opportunities for Immunological Intervention. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-21.	3.3	47
444	A novel protein complex, mesh-ssk, is required for septate junction formation in <i>Drosophila</i> midgut. <i>Journal of Cell Science</i> , 2012, 125, 4923-33.	1.2	66
445	Mucin 21 in esophageal squamous epithelia and carcinomas: analysis with glycoform-specific monoclonal antibodies. <i>Glycobiology</i> , 2012, 22, 1218-1226.	1.3	21
446	Development and characterization of a preclinical ovarian carcinoma model to investigate the mechanism of acquired resistance to trastuzumab. <i>International Journal of Oncology</i> , 2012, 41, 639-651.	1.4	7

#	ARTICLE	IF	CITATIONS
447	A function to every gene: a slimy molecule. , 0, , 164-172.		0
448	MUC1 carrying core 2 O-glycans functions as a molecular shield against NK cell attack, promoting bladder tumor metastasis. <i>International Journal of Oncology</i> , 2012, 40, 1831-8.	1.4	44
449	Recent advances in developing synthetic carbohydrate-based vaccines for cancer immunotherapies. <i>Future Medicinal Chemistry</i> , 2012, 4, 545-584.	1.1	41
450	Elucidation of the sugar recognition ability of the lectin domain of UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 3 by using unnatural glycopeptide substrates. <i>Glycobiology</i> , 2012, 22, 429-438.	1.3	16
451	Almost all human gastric mucin O-glycans harbor blood group A, B or H antigens and are potential binding sites for <i>Helicobacter pylori</i> . <i>Glycobiology</i> , 2012, 22, 1193-1206.	1.3	74
452	A phase I pilot trial of MUC1-peptide-pulsed dendritic cells in the treatment of advanced pancreatic cancer. <i>Clinical and Experimental Medicine</i> , 2012, 12, 173-180.	1.9	80
453	A novel anti-MUC1 antibody against the MUC1 cytoplasmic tail domain: use in sensitive identification of poorly differentiated cells in adenocarcinoma of the stomach. <i>Gastric Cancer</i> , 2012, 15, 370-381.	2.7	22
454	The monoclonal antibody HCM31 specifically recognises the Sd ^a tetrasaccharide in goblet cell mucin. <i>FEBS Open Bio</i> , 2012, 2, 223-233.	1.0	11
455	Role of epithelial mucins during airway infection. <i>Pulmonary Pharmacology and Therapeutics</i> , 2012, 25, 415-419.	1.1	76
456	Reversal of Paclitaxel Resistance in Epithelial Ovarian Carcinoma Cells by a MUC1 Aptamer-let-7i Chimera. <i>Cancer Investigation</i> , 2012, 30, 577-582.	0.6	68
457	Genetic variation in MUC1, MUC2 and MUC6 genes and evolution of gastric cancer precursor lesions in a long-term follow-up in a high-risk area in Spain. <i>Carcinogenesis</i> , 2012, 33, 1072-1080.	1.3	22
458	Differential expression of gastric MUC5AC in colonic epithelial cells: TFF3-wired IL1 β /Akt crosstalk-induced mucosal immune response against <i>Shigella dysenteriae</i> infection. <i>Journal of Cell Science</i> , 2012, 125, 703-713.	1.2	36
459	Monitoring enzymatic degradation of pericellular matrices through SERS stamping. <i>Nanoscale</i> , 2012, 4, 3917.	2.8	12
460	Characterization of Cancer Associated Mucin Type O-Glycans Using the Exchange Sialylation Properties of Mammalian Sialyltransferase ST3Gal-II. <i>Journal of Proteome Research</i> , 2012, 11, 2609-2618.	1.8	13
461	Structural Features Affecting Trafficking, Processing, and Secretion of <i>Trypanosoma cruzi</i> Mucins. <i>Journal of Biological Chemistry</i> , 2012, 287, 26365-26376.	1.6	25
462	Density Variant Glycan Microarray for Evaluating Cross-Linking of Mucin-like Glycoconjugates by Lectins. <i>Journal of the American Chemical Society</i> , 2012, 134, 15732-15742.	6.6	140
463	Rapid Quantitative Profiling of N-Glycan by the Glycan-Labeling Method Using 3-Aminoquinoline/ \pm -Cyano-4-hydroxycinnamic Acid. <i>Analytical Chemistry</i> , 2012, 84, 7146-7151.	3.2	38
464	Overview and outlook of Toll-like receptor ligand-antigen conjugate vaccines. <i>Therapeutic Delivery</i> , 2012, 3, 749-760.	1.2	45

#	ARTICLE	IF	CITATIONS
465	The defence architecture of the superficial cells of the oral mucosa. <i>Medical Hypotheses</i> , 2012, 78, 790-792.	0.8	30
466	Mucins and Toll-like receptors: Kith and kin in infection and cancer. <i>Cancer Letters</i> , 2012, 321, 110-119.	3.2	21
467	Intracellular nucleic acid interactions facilitated by quantum dots: conceptualizing theranostics. <i>Therapeutic Delivery</i> , 2012, 3, 479-499.	1.2	4
468	Nicotine, IFN- β and retinoic acid mediated induction of MUC4 in pancreatic cancer requires E2F1 and STAT-1 transcription factors and utilize different signaling cascades. <i>Molecular Cancer</i> , 2012, 11, 24.	7.9	27
469	Prognostic significance of muc4 expression in gallbladder carcinoma. <i>World Journal of Surgical Oncology</i> , 2012, 10, 224.	0.8	24
470	CA 15 α -3 cell lines and tissue expression in canine mammary cancer and the correlation between serum levels and tumour histological grade. <i>BMC Veterinary Research</i> , 2012, 8, 86.	0.7	40
471	Nature of bacterial colonization influences transcription of mucin genes in mice during the first week of life. <i>BMC Research Notes</i> , 2012, 5, 402.	0.6	51
472	Mucin (Muc) expression during pancreatic cancer progression in spontaneous mouse model: potential implications for diagnosis and therapy. <i>Journal of Hematology and Oncology</i> , 2012, 5, 68.	6.9	65
473	Regulation of the metastatic cell phenotype by sialylated glycans. <i>Cancer and Metastasis Reviews</i> , 2012, 31, 501-518.	2.7	265
474	Synthetic lectin arrays for the detection and discrimination of cancer associated glycans and cell lines. <i>Chemical Science</i> , 2012, 3, 1147.	3.7	44
475	Clinical significance of MUC1, MUC2 and CK17 expression patterns for diagnosis of pancreatobiliary carcinoma. <i>Biotechnic and Histochemistry</i> , 2012, 87, 126-132.	0.7	15
476	A Procedure for Alcian Blue Staining of Mucins on Polyvinylidene Difluoride Membranes. <i>Analytical Chemistry</i> , 2012, 84, 8461-8466.	3.2	33
477	Mucin 6 and Tn Antigen Expression in Canine Mammary Tumours: Correlation with Pathological Features. <i>Journal of Comparative Pathology</i> , 2012, 147, 410-418.	0.1	3
478	Diagnostic and prognostic value of circulating tumor cells in female breast cancer patients. <i>Alexandria Journal of Medicine</i> , 2012, 48, 197-206.	0.4	3
479	Coarse-Grained Modeling of Mucus Barrier Properties. <i>Biophysical Journal</i> , 2012, 102, 195-200.	0.2	20
481	Enhanced Self-Association of Mucins Possessing the T and Tn Carbohydrate Cancer Antigens at the Single-Molecule Level. <i>Biomacromolecules</i> , 2012, 13, 1400-1409.	2.6	18
482	Molecular beacon-based quantitation of epithelial tumor marker mucin 1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 6081-6084.	1.0	21
483	A graphene oxide-based fluorescent aptasensor for the turn-on detection of epithelial tumor marker mucin 1. <i>Nanoscale</i> , 2012, 4, 2054.	2.8	152

#	ARTICLE	IF	CITATIONS
484	Mucins. <i>Methods in Molecular Biology</i> , 2012, , .	0.4	6
485	The Mucin MUC4 and Its Membrane Partner ErbB2 Regulate Biological Properties of Human CAPAN-2 Pancreatic Cancer Cells via Different Signalling Pathways. <i>PLoS ONE</i> , 2012, 7, e32232.	1.1	47
486	A Metalloproteinase Secreted by <i>Streptococcus pneumoniae</i> Removes Membrane Mucin MUC16 from the Epithelial Glycocalyx Barrier. <i>PLoS ONE</i> , 2012, 7, e32418.	1.1	80
487	Mechanisms of the innate immunity in the respiratory system. <i>Central-European Journal of Immunology</i> , 2012, 3, 280-285.	0.4	2
488	Prognostic significance of membrane-associated mucins 1 and 4 in gastric adenocarcinoma. <i>Experimental and Therapeutic Medicine</i> , 2012, 4, 311-316.	0.8	19
489	The immunomodulating roles of glycoproteins in epithelial ovarian cancer. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 631-650.	0.9	2
490	Mucins: Potential for ovarian cancer biomarkers. <i>International Journal of Biomedical and Advance Research</i> , 2012, 3, .	0.1	1
491	Disruption of Cell Cycle Machinery in Pancreatic Cancer. , 0, , .		0
492	The MUC1 Ectodomain: A Novel and Efficient Target for Gold Nanoparticle Clustering and Vapor Nanobubble Generation. <i>Theranostics</i> , 2012, 2, 777-787.	4.6	14
493	Identification of a lipidâ€related peak set to enhance the interpretation of TOFâ€SIMS data from model and cellular membranes. <i>Surface and Interface Analysis</i> , 2012, 44, 322-333.	0.8	28
494	The interactions between endogenous bacteria, dietary components and the mucus layer of the large bowel. <i>Food and Function</i> , 2012, 3, 690.	2.1	22
495	MUC4 potentiates invasion and metastasis of pancreatic cancer cells through stabilization of fibroblast growth factor receptor 1. <i>Carcinogenesis</i> , 2012, 33, 1953-1964.	1.3	76
496	Mucin as a therapeutic target in pseudomyxoma peritonei. <i>Journal of Surgical Oncology</i> , 2012, 106, 911-917.	0.8	31
497	Differential glycosylation of MUC1 and CEACAM5 between normal mucosa and tumour tissue of colon cancer patients. <i>International Journal of Cancer</i> , 2012, 131, 117-128.	2.3	90
498	Estrogen receptorâ€ α protects against colitisâ€associated neoplasia in mice. <i>International Journal of Cancer</i> , 2012, 131, 2553-2561.	2.3	65
500	DF3 epitope expression on MUC1 mucin is associated with tumor aggressiveness, subsequent lymph node metastasis, and poor prognosis in patients with oral squamous cell carcinoma. <i>Cancer</i> , 2012, 118, 5251-5264.	2.0	21
501	Carbohydrate-based cancer vaccines: target cancer with sugar bullets. <i>Glycoconjugate Journal</i> , 2012, 29, 259-271.	1.4	52
502	Molecular Pathology of Cancer Metastasis: Suggestions for Future Therapy. , 2012, , 469-515.		2

#	ARTICLE	IF	CITATIONS
503	Upregulation of mucin4 in ER-positive/HER2-overexpressing breast cancer xenografts with acquired resistance to endocrine and HER2-targeted therapies. <i>Breast Cancer Research and Treatment</i> , 2012, 134, 583-593.	1.1	31
504	Glycomechanics of the Metastatic Cascade: Tumor Cell-Endothelial Cell Interactions in the Circulation. <i>Annals of Biomedical Engineering</i> , 2012, 40, 790-805.	1.3	60
505	Oral drug delivery with polymeric nanoparticles: The gastrointestinal mucus barriers. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 557-570.	6.6	1,227
506	Rapid and specific alterations of goblet cell mucin in rat airway and small intestine associated with resistance against <i>Nippostrongylus brasiliensis</i> reinfection. <i>Experimental Parasitology</i> , 2012, 130, 209-217.	0.5	8
507	The Mucin <i>MUC16</i> (<i>CA125</i>) Binds to <i>NK</i> Cells and Monocytes from Peripheral Blood of Women with Healthy Pregnancy and Preeclampsia. <i>American Journal of Reproductive Immunology</i> , 2012, 68, 28-37.	1.2	26
508	Chronic Anti-inflammatory Drug Therapy Inhibits Gel-Forming Mucin Production in a Murine Xenograft Model of Human Pseudomyxoma Peritonei. <i>Annals of Surgical Oncology</i> , 2012, 19, 1402-1409.	0.7	26
509	Effects of Single Genetic Damage in Carbohydrate-Recognizing Proteins in Mouse Serum <i>N-glycan</i> Profile Revealed by Simple Glycotyping Analysis. <i>ChemBioChem</i> , 2012, 13, 451-464.	1.3	15
510	Krebs von den Lungen-6 (KL6) is a prognostic biomarker in patients with surgically resected nonsmall cell lung cancer. <i>International Journal of Cancer</i> , 2012, 130, 377-387.	2.3	39
511	MUC4: A novel prognostic factor of oral squamous cell carcinoma. <i>International Journal of Cancer</i> , 2012, 130, 1768-1776.	2.3	41
512	Carcinogenesis, prevention and early detection of gastric cancer: Where we are and where we should go. <i>International Journal of Cancer</i> , 2012, 130, 745-753.	2.3	130
513	Variation of the Glycosylation Pattern in MUC1 Glycopeptide BSA Vaccines and Its Influence on the Immune Response. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1719-1723.	7.2	88
514	Gastric cancer: adding glycosylation to the equation. <i>Trends in Molecular Medicine</i> , 2013, 19, 664-676.	3.5	95
515	Role of MUC20 overexpression as a predictor of recurrence and poor outcome in colorectal cancer. <i>Journal of Translational Medicine</i> , 2013, 11, 151.	1.8	43
516	Epigenetic control of HNF-4 α in colon carcinoma cells affects MUC4 expression and malignancy. <i>Cellular Oncology (Dordrecht)</i> , 2013, 36, 155-167.	2.1	16
517	The function of mucins in the COPD airway. <i>Current Respiratory Care Reports</i> , 2013, 2, 155-166.	0.6	15
518	Association of MUC6-minisatellite variants with susceptibility to rectal carcinoma. <i>Molecular Biology Reports</i> , 2013, 40, 303-308.	1.0	5
519	Mucins in pancreatic cancer and its microenvironment. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2013, 10, 607-620.	8.2	232
520	Selective Identification of Macrophages and Cancer Cells Based on Thermal Transport through Surface-Imprinted Polymer Layers. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 7258-7267.	4.0	69

#	ARTICLE	IF	CITATIONS
521	The silence of MUC2 mRNA induced by promoter hypermethylation associated with HBV in Hepatocellular Carcinoma. <i>BMC Medical Genetics</i> , 2013, 14, 14.	2.1	13
522	Mucus and adiponectin deficiency: role in chronic inflammation-induced colon cancer. <i>International Journal of Colorectal Disease</i> , 2013, 28, 1267-1279.	1.0	41
523	Mucinâ€”Type Glycopeptide Structure in Solution: Past, Present, and Future. <i>Biopolymers</i> , 2013, 99, 713-723.	1.2	24
524	Structureâ€”Function Relationships in Glycopolymers: Effects of Residue Sequences, Duplex, and Triplex Organization. <i>Biopolymers</i> , 2013, 99, 757-771.	1.2	11
525	Burning sensation in oral submucous fibrosis and its possible association with mucin secreted by affected minor salivary glands. <i>Oral Oncology</i> , 2013, 49, e16-e17.	0.8	21
526	Better grade of tumor differentiation of oral squamous cell carcinoma arising in background of oral submucous fibrosis. <i>Medical Hypotheses</i> , 2013, 81, 540-543.	0.8	40
527	Complement inhibition in cancer therapy. <i>Seminars in Immunology</i> , 2013, 25, 54-64.	2.7	121
528	Membrane-bound mucin modular domains: From structure to function. <i>Biochimie</i> , 2013, 95, 1077-1086.	1.3	61
529	The contribution of cell phenotype to the behavior of gastric cancer. <i>Gastric Cancer</i> , 2013, 16, 462-471.	2.7	5
530	Potential for novel MUC1 glycopeptide-specific antibody in passive cancer immunotherapy. <i>Immunopharmacology and Immunotoxicology</i> , 2013, 35, 649-652.	1.1	9
531	Coordinate Regulation of the Gel-forming Mucin Genes at Chromosome 11p15.5*. <i>Journal of Biological Chemistry</i> , 2013, 288, 6717-6725.	1.6	17
532	Materials Science and Engineering of Mucin. <i>Studies in Natural Products Chemistry</i> , 2013, , 115-159.	0.8	6
533	Ovarian Neoplasm Imaging. , 2013, , .		0
534	Dynamic Imaging of Genomic Loci in Living Human Cells by an Optimized CRISPR/Cas System. <i>Cell</i> , 2013, 155, 1479-1491.	13.5	1,695
535	Guggulsterone decreases proliferation and metastatic behavior of pancreatic cancer cells by modulating JAK/STAT and Src/FAK signaling. <i>Cancer Letters</i> , 2013, 341, 166-177.	3.2	77
536	Functional polymorphism rs4072037 in MUC1 gene contributes to the susceptibility to gastric cancer: evidence from pooled 6,580 cases and 10,324 controls. <i>Molecular Biology Reports</i> , 2013, 40, 5791-5796.	1.0	32
537	Characterization and identification of PARM-1 as a new potential oncogene. <i>Molecular Cancer</i> , 2013, 12, 84.	7.9	17
538	Mapping PAM4 (clivatuzumab), a monoclonal antibody in clinical trials for early detection and therapy of pancreatic ductal adenocarcinoma, to MUC5AC mucin. <i>Molecular Cancer</i> , 2013, 12, 143.	7.9	25

#	ARTICLE	IF	CITATIONS
539	Mechanisms of antitumor and immune-enhancing activities of MUC1/sec, a secreted form of mucin-1. <i>Immunologic Research</i> , 2013, 57, 70-80.	1.3	7
540	The role of tumour-associated MUC1 in epithelial ovarian cancer metastasis and progression. <i>Cancer and Metastasis Reviews</i> , 2013, 32, 535-551.	2.7	71
541	SPRR2A expression in cholangiocarcinoma increases local tumor invasiveness but prevents metastasis. <i>Clinical and Experimental Metastasis</i> , 2013, 30, 877-890.	1.7	16
542	Aberrant Mucin5B expression in lung adenocarcinomas detected by iTRAQ labeling quantitative proteomics and immunohistochemistry. <i>Clinical Proteomics</i> , 2013, 10, 15.	1.1	18
543	Mucus, Goblet Cell, Submucosal Gland. , 2013, , 1-14.		5
544	Spatial Configuration and Composition of Charge Modulates Transport into a Mucin Hydrogel Barrier. <i>Biophysical Journal</i> , 2013, 105, 1357-1365.	0.2	119
545	The use of a novel MUC1 antibody to identify cancer stem cells and circulating MUC1 in mice and patients with pancreatic cancer. <i>Journal of Surgical Oncology</i> , 2013, 107, 713-722.	0.8	61
546	Resistance to Trastuzumab in HER2-Positive Mucinous Invasive Ductal Breast Carcinoma. <i>Clinical Breast Cancer</i> , 2013, 13, 156-158.	1.1	15
547	Identification of Potential Biomarkers for Ovarian Cancer by Urinary Metabolomic Profiling. <i>Journal of Proteome Research</i> , 2013, 12, 505-512.	1.8	154
548	Review of sn-2 palmitate oil implications for infant health. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2013, 89, 139-143.	1.0	86
549	One-pot multi-enzyme (OPME) chemoenzymatic synthesis of sialyl-Tn-MUC1 and sialyl-T-MUC1 glycopeptides containing natural or non-natural sialic acid. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4778-4785.	1.4	45
550	Î±2,3-Sialyltransferase ST3Gal IV promotes migration and metastasis in pancreatic adenocarcinoma cells and tends to be highly expressed in pancreatic adenocarcinoma tissues. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1748-1757.	1.2	70
551	Higher susceptibility to experimental autoimmune encephalomyelitis in Muc1-deficient mice is associated with increased Th1/Th17 responses. <i>Brain, Behavior, and Immunity</i> , 2013, 29, 70-81.	2.0	13
553	Mucins and Cancer. , 2013, , .		2
554	Recognition and capture of metastatic hepatocellular carcinoma cells using aptamer-conjugated quantum dots and magnetic particles. <i>Biomaterials</i> , 2013, 34, 3816-3827.	5.7	59
555	Acceptor specificities and selective inhibition of recombinant human Gal- and GlcNAc-transferases that synthesize core structures 1, 2, 3 and 4 of O-glycans. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4274-4281.	1.1	14
556	Galectin-7 in Cardiac Allografts in Mice: Increased Expression Compared With Isografts and Localization in Infiltrating Lymphocytes and Vascular Endothelial Cells. <i>Transplantation Proceedings</i> , 2013, 45, 630-634.	0.3	9
557	Oral dryness in Sjögren's syndrome patients. Not just a question of water. <i>Autoimmunity Reviews</i> , 2013, 12, 567-574.	2.5	61

#	ARTICLE	IF	CITATIONS
558	Microwave-Assisted Solid-Phase Synthesis of Antifreeze Glycopeptides. <i>Chemistry - A European Journal</i> , 2013, 19, 3913-3920.	1.7	12
559	The gastrointestinal mucus system in health and disease. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2013, 10, 352-361.	8.2	1,026
560	A new role for mucins in immunity: Insights from gastrointestinal nematode infection. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 364-374.	1.2	91
561	Clinical and prognostic implications of N-acetylglucosaminyltransferase V in patients with gastric cancer. <i>Cancer Science</i> , 2013, 104, 185-193.	1.7	15
562	Cellular and Molecular Biology of Airway Mucins. <i>International Review of Cell and Molecular Biology</i> , 2013, 303, 139-202.	1.6	143
563	Review of the adenocarcinoma cell surface receptor for human alpha-fetoprotein; proposed identification of a widespread mucin as the tumor cell receptor. <i>Tumor Biology</i> , 2013, 34, 1317-1336.	0.8	18
564	Site-Specific Conformational Alteration Induced by Sialylation of MUC1 Tandem Repeating Glycopeptides at an Epitope Region for the Anti-KL-6 Monoclonal Antibody. <i>Biochemistry</i> , 2013, 52, 402-414.	1.2	31
565	Immobilization of redox-labeled hairpin DNA aptamers on gold: Electrochemical quantitation of epithelial tumor marker mucin 1. <i>Electrochimica Acta</i> , 2013, 110, 139-145.	2.6	57
566	MUC5AC protects pancreatic cancer cells from TRAIL-induced death pathways. <i>International Journal of Oncology</i> , 2013, 42, 887-893.	1.4	33
567	Imaging Cell Surface Glycosylation in Vivo Using "Double Click" Chemistry. <i>Bioconjugate Chemistry</i> , 2013, 24, 934-941.	1.8	66
568	A Tn antigen binding lectin from <i>Myrsine coriacea</i> displays toxicity in human cancer cell lines. <i>Journal of Natural Medicines</i> , 2013, 67, 247-254.	1.1	6
569	Potential epigenetic biomarkers for the diagnosis and prognosis of pancreatic ductal adenocarcinomas. <i>Expert Review of Molecular Diagnostics</i> , 2013, 13, 431-443.	1.5	15
570	Tumour Immunomodulation: Mucins in Resistance to Initiation and Maturation of Immune Response Against Tumours. <i>Scandinavian Journal of Immunology</i> , 2013, 78, 1-7.	1.3	17
571	Carbachol-induced MUC17 endocytosis is concomitant with NHE3 internalization and CFTR membrane recruitment in enterocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 305, C457-C467.	2.1	20
572	Identification and characterization of agonist epitopes of the MUC1-C oncoprotein. , 2013, 1, .		0
573	Multimodal in vivo imaging of oral cancer using fluorescence lifetime, photoacoustic and ultrasound techniques. <i>Biomedical Optics Express</i> , 2013, 4, 1724.	1.5	57
574	Mucin Expression in Gastric Cancer: Reappraisal of Its Clinicopathologic and Prognostic Significance. <i>Archives of Pathology and Laboratory Medicine</i> , 2013, 137, 1047-1053.	1.2	50
575	The effect of carbonic anhydrase IX on focal contacts during cell spreading and migration. <i>Frontiers in Physiology</i> , 2013, 4, 271.	1.3	81

#	ARTICLE	IF	CITATIONS
576	Tear Fluid Protein Biomarkers. <i>Advances in Clinical Chemistry</i> , 2013, 62, 151-196.	1.8	41
577	Downregulation of Hematopoietic MUC1 during Experimental Colitis Increases Tumor-Promoting Myeloid-Derived Suppressor Cells. <i>Clinical Cancer Research</i> , 2013, 19, 5039-5052.	3.2	15
578	Phosphorylation and externalization of galectin-4 is controlled by Src family kinases. <i>Glycobiology</i> , 2013, 23, 1452-1462.	1.3	13
579	The Lectin Domain of the Polypeptide GalNAc Transferase Family of Glycosyltransferases (ppGalNAc Ts) Acts as a Switch Directing Glycopeptide Substrate Glycosylation in an N- or C-terminal Direction, Further Controlling Mucin Type O-Glycosylation. <i>Journal of Biological Chemistry</i> , 2013, 288, 19900-19914.	1.6	67
580	Selected Reaction Monitoring to Differentiate and Relatively Quantitate Isomers of Sulfated and Unsulfated Core 1 O-Glycans from Salivary MUC7 Protein in Rheumatoid Arthritis. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 921-931.	2.5	29
581	Mucin Family of Glycoproteins. , 2013, , 200-204.		7
582	In situ recognition of cell-surface glycans and targeted imaging of cancer cells. <i>Scientific Reports</i> , 2013, 3, 2679.	1.6	54
583	Activated EGFR stimulates MUC1 expression in human uterine and pancreatic cancer cell lines. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 2314-2322.	1.2	23
584	Expression of core 3 synthase in human pancreatic cancer cells suppresses tumor growth and metastasis. <i>International Journal of Cancer</i> , 2013, 133, 2824-2833.	2.3	28
585	<i>Streptococcus infantarius</i> and carcinogenesis: a new chapter in colorectal pathology. <i>International Journal of Clinical Practice</i> , 2013, 67, 1220-1224.	0.8	4
588	MUC1 induces drug resistance in pancreatic cancer cells via upregulation of multidrug resistance genes. <i>Oncogenesis</i> , 2013, 2, e51-e51.	2.1	128
589	MUC1 enhances hypoxia-driven angiogenesis through the regulation of multiple proangiogenic factors. <i>Oncogene</i> , 2013, 32, 4614-4621.	2.6	59
590	Polypeptide N-acetylgalactosaminyl transferase 3 independently predicts high-grade tumours and poor prognosis in patients with renal cell carcinomas. <i>British Journal of Cancer</i> , 2013, 109, 472-481.	2.9	57
591	Expression of Polypeptide N-Acetylgalactosaminyl Transferase-3 and Its Association with Clinicopathological Factors in Thyroid Carcinomas. <i>Thyroid</i> , 2013, 23, 1553-1560.	2.4	10
592	Aberrant Expression of Mucin Core Proteins and O-Linked Glycans Associated with Progression of Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2013, 19, 1981-1993.	3.2	139
593	LC-MS/MS quantification of O-glycopeptides in human serum. <i>Electrophoresis</i> , 2013, 34, 2342-4349.	1.3	21
594	Gastric cancer: past accomplishments, present approaches and future aspirations. <i>Clinical Practice (London, England)</i> , 2013, 10, 47-77.	0.1	0
595	Induction of Invasive Transitional Cell Bladder Carcinoma in Immune Intact Human MUC1 Transgenic Mice: A Model for Immunotherapy Development. <i>Journal of Visualized Experiments</i> , 2013, , e50868.	0.2	6

#	ARTICLE	IF	CITATIONS
596	Prediction of glycan motifs using quantitative analysis of multi-lectin binding: MUC1 produced by cultured pancreatic cancer cells. <i>Proteomics - Clinical Applications</i> , 2013, 7, 632-641.	0.8	13
597	Diagnostic Usefulness of MUC1 and MUC4 for Distinguishing between Metastatic Adenocarcinoma Cells and Reactive Mesothelial Cells in Effusion Cell Blocks. <i>Acta Cytologica</i> , 2013, 57, 377-383.	0.7	10
598	Core2 O-glycan-expressing prostate cancer cells are resistant to NK cell immunity. <i>Molecular Medicine Reports</i> , 2013, 7, 359-364.	1.1	54
599	Sugar Type Discrimination in N-glycosylation Based on Protein Primary Sequences. <i>Journal of Biomechanical Science and Engineering</i> , 2013, 8, 225-232.	0.1	1
600	Associations between the Expression of Mucins (MUC1, MUC2, MUC5AC, and MUC6) and Clinicopathologic Parameters of Human Breast Ductal Carcinomas. <i>Journal of Breast Cancer</i> , 2013, 16, 152.	0.8	19
601	Synthesis of mucin-type O-glycan probes as aminopropyl glycosides. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 1867-1872.	1.3	14
602	Self-Cleaving Mucins. , 2013, , 3632-3635.		0
603	Cloning, Annotation and Developmental Expression of the Chicken Intestinal MUC2 Gene. <i>PLoS ONE</i> , 2013, 8, e53781.	1.1	37
604	MUC1 Regulates Expression of Multiple microRNAs Involved in Pancreatic Tumor Progression, Including the miR-200c/141 Cluster. <i>PLoS ONE</i> , 2013, 8, e73306.	1.1	32
605	Mucins as Diagnostic and Prognostic Biomarkers in a Fish-Parasite Model: Transcriptional and Functional Analysis. <i>PLoS ONE</i> , 2013, 8, e65457.	1.1	97
606	Mucin levels in saliva of adolescents with dental caries. <i>Medical Science Monitor</i> , 2014, 20, 72-77.	0.5	36
607	The Colostrum Proteome, Ruminant Nutrition and Immunity: A Review. <i>Current Protein and Peptide Science</i> , 2014, 15, 64-74.	0.7	74
608	MicroRNA Profiling in Muc2 Knockout Mice of Colitis-Associated Cancer Model Reveals Epigenetic Alterations during Chronic Colitis Malignant Transformation. <i>PLoS ONE</i> , 2014, 9, e99132.	1.1	27
609	The Effect of MUC1 rs4072037 Functional Polymorphism on Cancer Susceptibility: Evidence from Published Studies. <i>PLoS ONE</i> , 2014, 9, e95651.	1.1	7
610	Autoantibodies in Breast Cancer. <i>Advances in Clinical Chemistry</i> , 2014, 64, 221-240.	1.8	7
611	Overexpression of Mucin 13 due to Promoter Methylation Promotes Aggressive Behavior in Ovarian Cancer Cells. <i>Yonsei Medical Journal</i> , 2014, 55, 1206.	0.9	14
612	Inhibition of KL-6/MUC1 glycosylation limits aggressive progression of pancreatic cancer. <i>World Journal of Gastroenterology</i> , 2014, 20, 12171.	1.4	12
614	Surface Morphology of Superficial Cells in Irradiated Oral Mucosa: An Experimental Study in Beagle Dog. <i>Ultrastructural Pathology</i> , 2014, 38, 268-272.	0.4	5

#	ARTICLE	IF	CITATIONS
615	Proteomic Mucin Profiling for the Identification of Cystic Precursors of Pancreatic Cancer. Journal of the National Cancer Institute, 2014, 106, djt439.	3.0	49
616	Expression of the Clustered NeuAc1±2â€“3Gal1² O-Glycan Determines the Cell Differentiation State of the Cells. Journal of Biological Chemistry, 2014, 289, 25833-25843.	1.6	13
617	MUC4-Mediated Regulation of Acute Phase Protein Lipocalin 2 through HER2/AKT/NF-Î±B Signaling in Pancreatic Cancer. Clinical Cancer Research, 2014, 20, 688-700.	3.2	36
618	Aberrant Glycosylation as Biomarker for Cancer: Focus on CD43. BioMed Research International, 2014, 2014, 1-13.	0.9	100
619	Surface Morphology of Superficial Cells in Irradiated Oral Mucosa. Ultrastructural Pathology, 2014, 38, 242-243.	0.4	1
620	Immunotherapeutic and oncolytic viral therapeutic strategies in pancreatic cancer. Future Oncology, 2014, 10, 1255-1275.	1.1	5
621	The Cosmc connection to the Tn antigen in cancer. Cancer Biomarkers, 2014, 14, 63-81.	0.8	115
622	Altered Tumor-Cell Glycosylation Promotes Metastasis. Frontiers in Oncology, 2014, 4, 28.	1.3	308
623	Immunotherapy for Prostate Cancer: Lessons from Responses to Tumor-Associated Antigens. Frontiers in Immunology, 2014, 5, 191.	2.2	71
624	Gastrointestinal Mucosal Defense System. Colloquium Series on Integrated Systems Physiology From Molecule To Function, 2014, 6, 1-172.	0.3	1
625	Diagnostic value of MUC1 and EpCAM mRNA as tumor markers in differentiating benign from malignant pleural effusion. QJM - Monthly Journal of the Association of Physicians, 2014, 107, 1001-1007.	0.2	9
626	Prognostic significance of CDX2 and mucin expression in small intestinal adenocarcinoma. Modern Pathology, 2014, 27, 1364-1374.	2.9	21
627	Radiation-induced oral mucositis and periodontitis - proposal for an inter-relationship. Oral Diseases, 2014, 20, 631-632.	1.5	3
628	Increased expression of <scp>MUC</scp>â€“1 has close relation with patient survivor in highâ€“grade salivary gland mucoepidermoid carcinoma. Journal of Oral Pathology and Medicine, 2014, 43, 579-584.	1.4	12
629	Cancerâ€“associated autoantibodies to MUC1 and MUC4â€“A blinded caseâ€“control study of colorectal cancer in UK collaborative trial of ovarian cancer screening. International Journal of Cancer, 2014, 134, 2180-2188.	2.3	49
630	Delineating Binding Modes of Gal/GalNAc and Structural Elements of the Molecular Recognition of Tumorâ€“Associated Mucin Glycopeptides by the Human Macrophage Galactoseâ€“Type Lectin. Chemistry - A European Journal, 2014, 20, 16147-16155.	1.7	46
631	Increased expression of MUC1 predicts poor survival in salivary gland mucoepidermoid carcinoma. Journal of Cranio-Maxillo-Facial Surgery, 2014, 42, 1891-1896.	0.7	16
632	Decreased Muc5AC expression is associated with poor prognosis in gastric cancer. International Journal of Cancer, 2014, 134, 114-124.	2.3	23

#	ARTICLE	IF	CITATIONS
633	Epithelial and stromal patterns of pleomorphic adenoma of minor salivary glands: A histopathological and histochemical study. <i>Journal of Oral and Maxillofacial Pathology</i> , 2014, 18, 379.	0.3	14
634	Specific-detection of clinical samples, systematic functional investigations, and transcriptome analysis reveals that splice variant MUC4 γ contributes to the malignant progression of pancreatic cancer by triggering malignancy-related positive feedback loops signaling. <i>Journal of Translational Medicine</i> , 2014, 12, 309.	1.8	9
635	Dynamic Tumor Growth Patterns in a Novel Murine Model of Colorectal Cancer. <i>Cancer Prevention Research</i> , 2014, 7, 105-113.	0.7	13
636	The Ocular Surface Phenotype of <i>Muc5ac</i> and <i>Muc5b</i> Null Mice. , 2014, 55, 291.		22
637	The Role of Complement in Tumor Growth. <i>Advances in Experimental Medicine and Biology</i> , 2014, 772, 229-262.	0.8	155
638	Lentiviral-Encoded Sodium Iodide Symporter-Mediated Cancer Gene Therapy. , 2014, , 463-478.		0
639	Cell-Specific Aptamers for Nano-medical Applications. <i>Nucleic Acids and Molecular Biology</i> , 2014, , 261-283.	0.2	0
640	Expression Analysis of the Transmembrane Mucin MUC20 in Human Corneal and Conjunctival Epithelia. , 2014, 55, 6132.		33
641	Predictors of Lymph Node Metastasis in T1 Colorectal Carcinoma. <i>Diseases of the Colon and Rectum</i> , 2014, 57, 905-915.	0.7	45
642	GALNT2 enhances migration and invasion of oral squamous cell carcinoma by regulating EGFR glycosylation and activity. <i>Oral Oncology</i> , 2014, 50, 478-484.	0.8	74
643	<i>Helicobacter pylori</i> urease and flagellin alter mucin gene expression in human gastric cancer cells. <i>Gastric Cancer</i> , 2014, 17, 235-246.	2.7	36
644	Tecemotide (L-BLP25) versus placebo after chemoradiotherapy for stage III non-small-cell lung cancer (START): a randomised, double-blind, phase 3 trial. <i>Lancet Oncology</i> , The, 2014, 15, 59-68.	5.1	446
645	Microfluidic immunocapture of circulating pancreatic cells using parallel EpCAM and MUC1 capture: characterization, optimization and downstream analysis. <i>Lab on A Chip</i> , 2014, 14, 1775-1784.	3.1	107
646	Prognostic value of EpCAM/MUC1 mRNA-positive cells in non-small cell lung cancer patients. <i>Tumor Biology</i> , 2014, 35, 1211-1219.	0.8	35
647	Identification and characterization of agonist epitopes of the MUC1-C oncoprotein. <i>Cancer Immunology, Immunotherapy</i> , 2014, 63, 161-174.	2.0	23
648	Protein mislocalization: Mechanisms, functions and clinical applications in cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2014, 1846, 13-25.	3.3	57
649	MUC1: a multifaceted oncoprotein with a key role in cancer progression. <i>Trends in Molecular Medicine</i> , 2014, 20, 332-342.	3.5	592
650	Specific targeting of tumor cells by lyophilosomes functionalized with antibodies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 87, 80-89.	2.0	10

#	ARTICLE	IF	CITATIONS
651	Pivotal role of MUC1 glycosylation by cigarette smoke in modulating disruption of airway adherens junctions <i>in vitro</i> . <i>Journal of Pathology</i> , 2014, 234, 60-73.	2.1	34
652	Mucin Covalently Bonded to Microfibers Improves the Patency of Vascular Grafts. <i>Tissue Engineering - Part A</i> , 2014, 20, 285-293.	1.6	28
653	Aiming at the sweet side of cancer: Aberrant glycosylation as possible target for personalized-medicine. <i>Cancer Letters</i> , 2014, 352, 102-112.	3.2	67
654	Tumor Microenvironment and Cellular Stress. <i>Advances in Experimental Medicine and Biology</i> , 2014, 772, v-viii.	0.8	29
655	Glycotherapy: New Advances Inspire a Reemergence of Glycans in Medicine. <i>Chemistry and Biology</i> , 2014, 21, 16-37.	6.2	194
658	Nucleic Acid Nanotechnology. <i>Nucleic Acids and Molecular Biology</i> , 2014, , .	0.2	5
659	Osteopontin <i>O</i> -glycosylation contributes to its phosphorylation and cell-adhesion properties. <i>Biochemical Journal</i> , 2014, 463, 93-102.	1.7	42
660	Solid-phase peptide synthesis: an overview focused on the preparation of biologically relevant peptides. <i>RSC Advances</i> , 2014, 4, 32658-32672.	1.7	183
661	Interactions between MUC1 and p120 Catenin Regulate Dynamic Features of Cell Adhesion, Motility, and Metastasis. <i>Cancer Research</i> , 2014, 74, 1609-1620.	0.4	25
662	A quantitative and site-specific chemoenzymatic glycosylation approach for PEGylated MUC1 peptides. <i>Chemical Science</i> , 2014, 5, 1634.	3.7	23
663	Effects of capsicum oleoresin, garlic botanical, and turmeric oleoresin on gene expression profile of ileal mucosa in weaned pigs1. <i>Journal of Animal Science</i> , 2014, 92, 3426-3440.	0.2	46
664	The LacdiNAc-Specific Adhesin LabA Mediates Adhesion of <i>Helicobacter pylori</i> to Human Gastric Mucosa. <i>Journal of Infectious Diseases</i> , 2014, 210, 1286-1295.	1.9	83
665	Sialosignaling: Sialyltransferases as engines of self-fueling loops in cancer progression. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2752-2764.	1.1	100
666	Mg ²⁺ binding affects the structure and activity of ovomucin. <i>International Journal of Biological Macromolecules</i> , 2014, 70, 230-235.	3.6	17
667	The MUC1 mucin regulates the tumorigenic properties of human esophageal adenocarcinomatous cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2432-2437.	1.9	14
668	Serine versus Threonine Glycosylation with <i>α</i> -GalNAc: Unexpected Selectivity in Their Molecular Recognition with Lectins. <i>Chemistry - A European Journal</i> , 2014, 20, 12616-12627.	1.7	36
669	MUC1 expression in Fallopian tubes of women with hydrosalpinx. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 180, 106-110.	0.5	6
670	DNA <i>â€œ</i> Nano-Claw <i>â€™</i> Logic-Based Autonomous Cancer Targeting and Therapy. <i>Journal of the American Chemical Society</i> , 2014, 136, 1256-1259.	6.6	210

#	ARTICLE	IF	CITATIONS
671	Dietary plant extracts modulate gene expression profiles in ileal mucosa of weaned pigs after an Escherichia coli infection ¹ . <i>Journal of Animal Science</i> , 2014, 92, 2050-2062.	0.2	57
672	Central role of Snail1 in the regulation of EMT and resistance in cancer: a target for therapeutic intervention. <i>Journal of Experimental and Clinical Cancer Research</i> , 2014, 33, 62.	3.5	345
673	Three-dimensional intestinal villi epithelium enhances protection of human intestinal cells from bacterial infection by inducing mucin expression. <i>Integrative Biology (United Kingdom)</i> , 2014, 6, 1122-1131.	0.6	88
674	Functions and regulation of MUC13 mucin in colon cancer cells. <i>Journal of Gastroenterology</i> , 2014, 49, 1378-1391.	2.3	45
675	Expression of the transmembrane mucins, MUC1, MUC4 and MUC16, in normal endometrium and in endometriosis. <i>Human Reproduction</i> , 2014, 29, 1730-1738.	0.4	31
676	Abnormal expression of EMT-related proteins, S100A4, vimentin and E-cadherin, is correlated with clinicopathological features and prognosis in HCC. <i>Medical Oncology</i> , 2014, 31, 970.	1.2	102
677	Comment on: Functional MUC4 suppress epithelial-mesenchymal transition in lung adenocarcinoma metastasis. Gao L, Liu J, Zhang B, Zhang H, Wang D, Zhang T, Liu Y, Wang C. <i>Tumour Biol.</i> 2013, in press. <i>Tumor Biology</i> , 2014, 35, 3941-3942.	0.8	4
678	Secreted mucins in pseudomyxoma peritonei: pathophysiological significance and potential therapeutic prospects. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 71.	1.2	52
679	Heat-Transfer Resistance Measurement Method (HTM)-Based Cell Detection at Trace Levels Using a Progressive Enrichment Approach with Highly Selective Cell-Binding Surface Imprints. <i>Langmuir</i> , 2014, 30, 3631-3639.	1.6	26
680	A novel indole compound, AWT-489, inhibits prostaglandin D2-induced CD55 expression by acting on DP prostanoid receptors as an antagonist in LS174T human colon cancer cells. <i>Archives of Biochemistry and Biophysics</i> , 2014, 541, 21-29.	1.4	4
681	A Convergent Strategy for the Synthesis of Type-1 Elongated Mucin Cores 1-3 and the Corresponding Glycopeptides. <i>Chemistry - A European Journal</i> , 2014, 20, 7287-7299.	1.7	13
682	Mucins and tumor resistance to chemotherapeutic drugs. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2014, 1846, 142-151.	3.3	64
683	Galectin-3 binds to MUC1-N-terminal domain and triggers recruitment of β -catenin in MUC1-expressing mouse 3T3 cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 1790-1797.	1.1	21
684	A straightforward protocol for the preparation of high performance microarray displaying synthetic MUC1 glycopeptides. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 1105-1116.	1.1	30
685	Sugar-coated cell signalling. <i>Nature</i> , 2014, 511, 298-299.	13.7	11
686	Iron oxide superparamagnetic nanoparticles conjugated with a conformationally blocked β -Tn antigen mimetic for macrophage activation. <i>Nanoscale</i> , 2014, 6, 7643-7655.	2.8	18
687	Prostate cancer relevant antigens and enzymes for targeted drug delivery. <i>Journal of Controlled Release</i> , 2014, 187, 118-132.	4.8	86
688	MUC1 and maltose-binding protein recombinant fusion protein combined with Bacillus Calmette-Guerin induces MUC1-specific and nonspecific anti-tumor immunity in mice. <i>Molecular Medicine Reports</i> , 2014, 10, 1056-1064.	1.1	19

#	ARTICLE	IF	CITATIONS
690	Pancreatic cancer counterattack: MUC4 mediates Fas-independent apoptosis of antigen-specific cytotoxic T lymphocyte. <i>Oncology Reports</i> , 2014, 31, 1768-1776.	1.2	15
692	Stomach microbiota composition varies between patients with non-atrophic gastritis and patients with intestinal type of gastric cancer. <i>Scientific Reports</i> , 2014, 4, 4202.	1.6	289
693	Membrane proximal ectodomain cleavage of MUC16 occurs in the acidifying Golgi/post-Golgi compartments. <i>Scientific Reports</i> , 2015, 5, 9759.	1.6	42
694	Diagnostic and Prognostic Significances of MUC5B and TTF-1 Expressions in Resected Non-Small Cell Lung Cancer. <i>Scientific Reports</i> , 2015, 5, 8649.	1.6	45
695	Ocular surface mucins and local inflammation studies in genetically modified mouse lines. <i>BMC Ophthalmology</i> , 2015, 15, 154.	0.6	14
696	Glycocalyx Engineering with a Recycling Glycopolymer that Increases Cell Survival In Vivo. <i>Angewandte Chemie</i> , 2015, 127, 16008-16014.	1.6	17
697	Glycocalyx Engineering with a Recycling Glycopolymer that Increases Cell Survival In Vivo. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15782-15788.	7.2	77
698	A bioinformatics prediction approach towards analyzing the glycosylation, co-expression and interaction patterns of epithelial membrane antigen (EMA/MUC1). , 2015, , .		0
699	Mucin Expression in Endoscopic Ultrasound-Guided Fine-Needle Aspiration Specimens Is a Useful Prognostic Factor in Pancreatic Ductal Adenocarcinoma. <i>Pancreas</i> , 2015, 44, 728-734.	0.5	26
700	Role of network biology and network medicine in early detection of cancer. , 0, , 457-463.		0
701	Let-7-mediated suppression of mucin 1 expression in the mouse uterus during embryo implantation. <i>Journal of Reproduction and Development</i> , 2015, 61, 138-144.	0.5	47
702	Roles Biomarkers in Basic and Clinical Research for Breast Cancer. <i>Archives in Cancer Research</i> , 2015, 3, .	0.3	0
703	Tumor associated antigens and its potential use in cancer therapy. <i>Salud Uninorte</i> , 2015, 31, 118-137.	0.0	0
704	Biosynthetic Machinery Involved in Aberrant Glycosylation: Promising Targets for Developing of Drugs Against Cancer. <i>Frontiers in Oncology</i> , 2015, 5, 138.	1.3	113
705	The generation and analysis of a novel combination of recombinant adenovirus vaccines targeting three tumor antigens as an immunotherapeutic. , 2015, 3, .		1
706	Identification of Potential Biomarkers for Gut Barrier Failure in Broiler Chickens. <i>Frontiers in Veterinary Science</i> , 2015, 2, 14.	0.9	162
707	Regulation of the Intestinal Barrier Function by Host Defense Peptides. <i>Frontiers in Veterinary Science</i> , 2015, 2, 57.	0.9	104
708	Contextualizing the Genes Altered in Bladder Neoplasms in Pediatric and Teen Patients Allows Identifying Two Main Classes of Biological Processes Involved and New Potential Therapeutic Targets. <i>Current Genomics</i> , 2015, 17, 33-61.	0.7	3

#	ARTICLE	IF	CITATIONS
709	Correlations of Human Epithelial Growth Factor Receptor 2 Overexpression with MUC2, MUC5AC, MUC6, p53, and Clinicopathological Characteristics in Gastric Cancer Patients with Curative Resection. <i>Gastroenterology Research and Practice</i> , 2015, 2015, 1-8.	0.7	6
710	Glycosyltransferases as Markers for Early Tumorigenesis. <i>BioMed Research International</i> , 2015, 2015, 1-11.	0.9	18
711	Depletion of mucin in mucin-producing human gastrointestinal carcinoma: Results from <i>in vitro</i> and <i>in vivo</i> studies with bromelain and N-acetylcysteine. <i>Oncotarget</i> , 2015, 6, 33329-33344.	0.8	26
712	Reduced MUC4 Expression is a Late Event in Breast Carcinogenesis and is Correlated With Increased Infiltration of Immune Cells as Well as Promoter Hypermethylation in Invasive Breast Carcinoma. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2015, 23, 44-53.	0.6	5
713	Novel non-invasive biomarkers that distinguish between benign prostate hyperplasia and prostate cancer. <i>BMC Cancer</i> , 2015, 15, 259.	1.1	37
714	One-step purification and concentration of DNA in porous membranes for point-of-care applications. <i>Lab on A Chip</i> , 2015, 15, 2647-2659.	3.1	75
715	Mucociliary Function. , 2015, , 561-579.		2
716	JBP485 promotes tear and mucin secretion in ocular surface epithelia. <i>Scientific Reports</i> , 2015, 5, 10248.	1.6	18
717	Insights on Peptide Vaccines in Cancer Immunotherapy. <i>Cancer Drug Discovery and Development</i> , 2015, , 1-27.	0.2	2
718	Pseudomyxoma peritonei: current chemotherapy and the need for mucin-directed strategies. <i>Expert Opinion on Orphan Drugs</i> , 2015, 3, 183-193.	0.5	3
719	A newly developed anti-Mucin 13 monoclonal antibody targets pancreatic ductal adenocarcinoma cells. <i>International Journal of Oncology</i> , 2015, 46, 1781-1787.	1.4	19
720	Viruses, Other Pathogenic Microorganisms and Esophageal Cancer. <i>Gastrointestinal Tumors</i> , 2015, 2, 2-13.	0.3	44
721	The MUC1 oncomucin regulates pancreatic cancer cell biological properties and chemoresistance. Implication of p42 ^{MAPK} , Akt, Bcl-2 and MMP13 pathways. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 757-762.	1.0	42
722	Gangliosides Regulate Tumor Properties: With Focus on the Suppression of Metastasis-Associated ppGalNAc-T13 with GM1. , 2015, , 55-70.		0
723	Physicochemical properties of novel protein kinase inhibitors in relation to their substrate specificity for drug transporters. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2015, 11, 703-717.	1.5	18
724	Simple Sugars to Complex Disease—Mucin-Type O-Glycans in Cancer. <i>Advances in Cancer Research</i> , 2015, 126, 53-135.	1.9	185
725	Sugar Chains. , 2015, , .		3
726	Zebrafish as a model to study live mucus physiology. <i>Scientific Reports</i> , 2014, 4, 6653.	1.6	57

#	ARTICLE	IF	CITATIONS
727	Significance of MUC1 in bladder cancer. <i>BJU International</i> , 2015, 115, 161-162.	1.3	8
728	Detection of Tumor-Associated Glycopeptides by Lectins: The Peptide Context Modulates Carbohydrate Recognition. <i>ACS Chemical Biology</i> , 2015, 10, 747-756.	1.6	39
729	Emerging potential of natural products for targeting mucins for therapy against inflammation and cancer. <i>Cancer Treatment Reviews</i> , 2015, 41, 277-288.	3.4	24
730	Protein Glycosylation in Cancer. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2015, 10, 473-510.	9.6	624
731	Advances in miRNA-Mediated Mucin Regulation. <i>Current Pharmacology Reports</i> , 2015, 1, 355-364.	1.5	9
732	The genetic classification of pancreatic neoplasia. <i>Journal of Gastroenterology</i> , 2015, 50, 520-532.	2.3	6
733	p120 Catenin is required for normal tubulogenesis but not epithelial integrity in developing mouse pancreas. <i>Developmental Biology</i> , 2015, 399, 41-53.	0.9	23
734	Decreased Expression of Hepatocyte Nuclear Factor 4 β (Hnf4 β)/MicroRNA-122 (miR-122) Axis in Hepatitis B Virus-associated Hepatocellular Carcinoma Enhances Potential Oncogenic GALNT10 Protein Activity. <i>Journal of Biological Chemistry</i> , 2015, 290, 1170-1185.	1.6	83
735	Elevated Expression of N-Acetylgalactosaminyltransferase 10 Predicts Poor Survival and Early Recurrence of Patients with Clear-Cell Renal Cell Carcinoma. <i>Annals of Surgical Oncology</i> , 2015, 22, 2446-2453.	0.7	8
736	Micro-RNAs miR-29a and miR-330-5p function as tumor suppressors by targeting the MUC1 mucin in pancreatic cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 2392-2403.	1.9	99
737	Exploring the role and diversity of mucins in health and disease with special insight into non-communicable diseases. <i>Glycoconjugate Journal</i> , 2015, 32, 575-613.	1.4	30
738	The intestinal glycome and its modulation by diet and nutrition. <i>Nutrition Reviews</i> , 2015, 73, 359-375.	2.6	30
739	Carbohydrate derivative-functionalized biosensing toward highly sensitive electrochemical detection of cell surface glycan expression as cancer biomarker. <i>Biosensors and Bioelectronics</i> , 2015, 74, 291-298.	5.3	29
740	Acute pancreatitis in intraductal papillary mucinous neoplasms: A common predictor of malignant intestinal subtype. <i>Surgery</i> , 2015, 158, 1219-1225.	1.0	42
741	Glycopeptide Nanoconjugates Based on Multilayer Self-Assembly as an Antitumor Vaccine. <i>Bioconjugate Chemistry</i> , 2015, 26, 1439-1442.	1.8	31
742	The cancer glycome: Carbohydrates as mediators of metastasis. <i>Blood Reviews</i> , 2015, 29, 269-279.	2.8	91
743	Multivalent aptamer β -RNA based fluorescent probes for carrier-free detection of cellular microRNA-34a in mucin1-expressing cancer cells. <i>Chemical Communications</i> , 2015, 51, 9038-9041.	2.2	18
744	Induction of Sda-sialomucin and sulfated H-sulfomucin in mouse small intestinal mucosa by infection with parasitic helminth. <i>Experimental Parasitology</i> , 2015, 153, 165-173.	0.5	11

#	ARTICLE	IF	CITATIONS
745	MUC1-mediated motility in breast cancer: a review highlighting the role of the MUC1/ICAM-1/Src signaling triad. <i>Clinical and Experimental Metastasis</i> , 2015, 32, 393-403.	1.7	37
746	Label-free in vivo molecular imaging of underglycosylated mucin-1 expression in tumour cells. <i>Nature Communications</i> , 2015, 6, 6719.	5.8	62
747	Complex of MUC1, CIN85 and Cbl in Colon Cancer Progression and Metastasis. <i>Cancers</i> , 2015, 7, 342-352.	1.7	26
748	Microenvironment, tumor cell plasticity, and cancer. <i>Current Opinion in Oncology</i> , 2015, 27, 64-70.	1.1	50
749	Mucins in Lung Cancer: Diagnostic, Prognostic, and Therapeutic Implications. <i>Journal of Thoracic Oncology</i> , 2015, 10, 19-27.	0.5	110
750	Potential effect of ultrasound on carbohydrates. <i>Carbohydrate Research</i> , 2015, 410, 15-35.	1.1	27
751	A rationally designed peptidomimetic biosensor for sialic acid on cell surfaces. <i>Chemical Communications</i> , 2015, 51, 8112-8115.	2.2	24
752	Single molecule study of heterotypic interactions between mucins possessing the Tn cancer antigen. <i>Glycobiology</i> , 2015, 25, 524-534.	1.3	7
753	Glycoproteins: Chemical Features and Biological Roles. , 2015, , 3-33.		0
754	Chemically tunable mucin chimeras assembled on living cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12574-12579.	3.3	86
755	Loss of Core 1-derived O-Glycans Decreases Breast Cancer Development in Mice. <i>Journal of Biological Chemistry</i> , 2015, 290, 20159-20166.	1.6	28
756	Comparative ESI FT-MS and MALDI-TOF structural analyses of representative human N-linked glycans. <i>Chemical Papers</i> , 2015, 69, .	1.0	4
757	Airway hydration and COPD. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 3637-3652.	2.4	67
758	A Cell ELISA for the quantification of MUC1 mucin (CD227) expressed by cancer cells of epithelial and neuroectodermal origin. <i>Cellular Immunology</i> , 2015, 298, 96-103.	1.4	22
759	Transmembrane Mucin Expression and Function in Embryo Implantation and Placentation. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2015, 216, 51-68.	1.0	22
760	<scp>MUC5AC</scp> and <scp>MUC5B</scp> enhance the characterization of mucinous adenocarcinomas of the lung and predict poor prognosis. <i>Histopathology</i> , 2015, 67, 520-528.	1.6	33
761	Regulation of Implantation and Establishment of Pregnancy in Mammals. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2015, , .	1.0	7
762	Roles and regulation of the mucus barrier in the gut. <i>Tissue Barriers</i> , 2015, 3, e982426.	1.6	331

#	ARTICLE	IF	CITATIONS
763	Lectin Microarray-Based Sero-Biomarker Verification Targeting Aberrant α -Linked Glycosylation on Mucin 1. <i>Analytical Chemistry</i> , 2015, 87, 7274-7281.	3.2	46
764	Pathobiological implications of mucin glycans in cancer: Sweet poison and novel targets. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2015, 1856, 211-225.	3.3	58
765	Complement and macrophage crosstalk during process of angiogenesis in tumor progression. <i>Journal of Biomedical Science</i> , 2015, 22, 58.	2.6	80
766	The Quest for Anticancer Vaccines: Deciphering the Fine-Epitope Specificity of Cancer-Related Monoclonal Antibodies by Combining Microarray Screening and Saturation Transfer Difference NMR. <i>Journal of the American Chemical Society</i> , 2015, 137, 12438-12441.	6.6	35
767	Prognostic evaluation of mucin-5AC expression in intrahepatic cholangiocarcinoma, mass-forming type, following hepatectomy. <i>European Journal of Surgical Oncology</i> , 2015, 41, 1515-1521.	0.5	12
768	The Role of CA 125 as Tumor Marker: Biochemical and Clinical Aspects. <i>Advances in Experimental Medicine and Biology</i> , 2015, 867, 229-244.	0.8	130
769	Advances in Cancer Biomarkers. <i>Advances in Experimental Medicine and Biology</i> , 2015, , .	0.8	14
770	NCOA3-mediated upregulation of mucin expression via transcriptional and post-translational changes during the development of pancreatic cancer. <i>Oncogene</i> , 2015, 34, 4879-4889.	2.6	35
771	$MUC5AC$ hypomethylation is a predictor of microsatellite instability independently of clinical factors associated with colorectal cancer. <i>International Journal of Cancer</i> , 2015, 136, 2811-2821.	2.3	52
772	Cancer intelligence acquired (CIA): tumor glycosylation and sialylation codes dismantling antitumor defense. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 1231-1248.	2.4	99
773	Clinical Glycomics Employing Graphitized Carbon Liquid Chromatography–Mass Spectrometry. <i>Chromatographia</i> , 2015, 78, 307-320.	0.7	74
774	Quantitative mass spectrometric analysis of glycoproteins combined with enrichment methods. <i>Mass Spectrometry Reviews</i> , 2015, 34, 148-165.	2.8	69
775	Mucins: A biologically relevant glycan barrier in mucosal protection. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 236-252.	1.1	389
776	Programmable and Multiparameter DNA-Based Logic Platform For Cancer Recognition and Targeted Therapy. <i>Journal of the American Chemical Society</i> , 2015, 137, 667-674.	6.6	241
777	Functional Anatomy of the Syrinx of the Chukar Partridge (<i>Galliformes</i>): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 187 Td (Galliformes:) 602-617.	0.8	12
778	Electrochemical aptasensor for mucin 1 based on dual signal amplification of poly(o-phenylenediamine) carrier and functionalized carbon nanotubes tracing tag. <i>Biosensors and Bioelectronics</i> , 2015, 64, 485-492.	5.3	70
779	Enhancing MSn mass spectrometry strategy for carbohydrate analysis: A b2 ion spectral library. <i>Journal of Proteomics</i> , 2015, 112, 224-249.	1.2	9
780	Combination of MUC1 and MUC4 expression predicts clinical outcome in patients with oral squamous cell carcinoma. <i>International Journal of Clinical Oncology</i> , 2015, 20, 298-307.	1.0	15

#	ARTICLE	IF	CITATIONS
781	Ginkgo biloba. , 2016, , 1901-1904.		0
782	<i>N</i> -acetylgalactosaminyltransferases in cancer. <i>Oncotarget</i> , 2016, 7, 54067-54081.	0.8	48
783	Increased expression of MUC3A is associated with poor prognosis in localized clear-cell renal cell carcinoma. <i>Oncotarget</i> , 2016, 7, 50017-50026.	0.8	19
784	C-terminus of MUC16 activates Wnt signaling pathway through its interaction with β -catenin to promote tumorigenesis and metastasis. <i>Oncotarget</i> , 2016, 7, 36800-36813.	0.8	32
785	miR-30a-5p in the tumorigenesis of renal cell carcinoma: A tumor suppressive microRNA. <i>Molecular Medicine Reports</i> , 2016, 13, 4085-4094.	1.1	19
786	Mucin-Type O-Glycosylation in Gastric Carcinogenesis. <i>Biomolecules</i> , 2016, 6, 33.	1.8	43
787	Intra- and Extra-Cellular Events Related to Altered Glycosylation of MUC1 Promote Chronic Inflammation, Tumor Progression, Invasion, and Metastasis. <i>Biomolecules</i> , 2016, 6, 39.	1.8	48
788	A Bitter Sweet Symphony: Immune Responses to Altered O-glycan Epitopes in Cancer. <i>Biomolecules</i> , 2016, 6, 26.	1.8	42
789	Parallel or convergent evolution in human population genomic data revealed by genotype networks. <i>BMC Evolutionary Biology</i> , 2016, 16, 154.	3.2	9
790	Functional Consequences of Differential O-glycosylation of MUC1, MUC4, and MUC16 (Downstream) Tj ETQq1 1 0,784314 r _g BT /Over	1.8	53
791	In vitro and in vivo targeting imaging of pancreatic cancer using $\text{Fe}_3\text{O}_4@SiO_2$ nanoprobe modified with anti-mesothelin antibody. <i>International Journal of Nanomedicine</i> , 2016, 11, 2195.	3.3	21
792	Human β -defensin 3 contains an oncolytic motif that binds PI(4,5)P2 to mediate tumour cell permeabilisation. <i>Oncotarget</i> , 2016, 7, 2054-2069.	0.8	44
793	Hyperosmotic stimulus study discloses benefits in ATP supply and reveals miRNA/mRNA targets to improve recombinant protein production of CHO cells. <i>Biotechnology Journal</i> , 2016, 11, 1037-1047.	1.8	23
794	Early detection of colonic dysplasia by magnetic resonance molecular imaging with a contrast agent raised against the colon cancer marker MUC5AC. <i>Contrast Media and Molecular Imaging</i> , 2016, 11, 211-221.	0.4	9
795	Ein durch eine synthetische Glycopeptid α -Vakzine induzierter monoklonaler Antik α per unterscheidet normale von malignen Brustzellen und erm α glicht die Diagnose von humanen Pankreaskarzinomen. <i>Angewandte Chemie</i> , 2016, 128, 2944-2949.	1.6	12
796	A Single Excitation α Duplexed Imaging Strategy for Profiling Cell Surface Protein α Specific Glycoforms. <i>Angewandte Chemie</i> , 2016, 128, 5306-5310.	1.6	12
797	Manganese ion concentration affects production of human core 3 O-glycan in <i>Saccharomyces cerevisiae</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1809-1820.	1.1	3
798	Synthetic MUC1 Antitumor Vaccine Candidates with Varied Glycosylation Pattern Bearing α -configured Pam ₃ CysSerLys ₄ . <i>ChemBioChem</i> , 2016, 17, 1412-1415.	1.3	13

#	ARTICLE	IF	CITATIONS
799	A Single Excitationâ€Duplexed Imaging Strategy for Profiling Cell Surface Proteinâ€™Specific Glycoforms. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5220-5224.	7.2	74
800	Secreted primary human malignant mesothelioma exosome signature reflects oncogenic cargo. <i>Scientific Reports</i> , 2016, 6, 32643.	1.6	85
801	Expanding molecular logic capabilities in DNA-scaffolded multiFRET triads. <i>RSC Advances</i> , 2016, 6, 97587-97598.	1.7	23
802	<i>Mannheimia haemolytica</i> biofilm formation on bovine respiratory epithelial cells. <i>Veterinary Microbiology</i> , 2016, 197, 129-136.	0.8	25
803	Role of N-acetylgalactosaminyltransferase 6 in early tumorigenesis and formation of metastasis. <i>Molecular Medicine Reports</i> , 2016, 13, 4309-4314.	1.1	12
804	The <i>Drosophila melanogaster</i> Muc68E Mucin Gene Influences Adult Size, Starvation Tolerance, and Cold Recovery. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 1841-1851.	0.8	2
805	A Synthetic Glycopeptide Vaccine for the Induction of a Monoclonal Antibody that Differentiates between Normal and Tumor Mammary Cells and Enables the Diagnosis of Human Pancreatic Cancer. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2894-2898.	7.2	53
806	Hyper Expression of Mucin 5ac Indicates Poor Cancer Prognoses. <i>Medicine (United States)</i> , 2016, 95, e2396.	0.4	4
807	Regulatory Mechanisms for Malignant Properties of Cancer Cells with Disialyl and Monosialyl Gangliosides. , 2016, , 57-76.		5
808	Sources and Functions of Extracellular Small RNAs in Human Circulation. <i>Annual Review of Nutrition</i> , 2016, 36, 301-336.	4.3	110
809	Multi-component self-assembled anti-tumor nano-vaccines based on MUC1 glycopeptides. <i>Chemical Communications</i> , 2016, 52, 7572-7575.	2.2	22
810	Effects of the multiple O-glycosylation states on antibody recognition of the immunodominant motif in MUC1 extracellular tandem repeats. <i>MedChemComm</i> , 2016, 7, 1102-1122.	3.5	30
811	The glycocalyx promotes cooperative binding and clustering of adhesion receptors. <i>Soft Matter</i> , 2016, 12, 4572-4583.	1.2	31
812	Mucin-1 Increases Renal TRPV5 Activity In Vitro, and Urinary Level Associates with Calcium Nephrolithiasis in Patients. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3447-3458.	3.0	38
813	Glycan Moieties as Bait to Fish Plasma Membrane Proteins. <i>Analytical Chemistry</i> , 2016, 88, 5065-5071.	3.2	9
814	Chemokine expression of oral fibroblasts and epithelial cells in response to artificial saliva. <i>Clinical Oral Investigations</i> , 2016, 20, 1035-1042.	1.4	11
815	Protein glycosylation in cancers and its potential therapeutic applications in neuroblastoma. <i>Journal of Hematology and Oncology</i> , 2016, 9, 100.	6.9	93
816	Trends and advances in tumor immunology and lung cancer immunotherapy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2016, 35, 157.	3.5	50

#	ARTICLE	IF	CITATIONS
817	High mucin-7 expression is an independent predictor of adverse clinical outcomes in patients with clear-cell renal cell carcinoma. <i>Tumor Biology</i> , 2016, 37, 15193-15201.	0.8	11
818	Binding-responsive catalysis of Taq DNA polymerase for the sensitive and selective detection of cell-surface proteins. <i>Chemical Communications</i> , 2016, 52, 10684-10687.	2.2	7
819	Distal bile duct carcinomas and pancreatic ductal adenocarcinomas: postulating a common tumor entity. <i>Cancer Medicine</i> , 2016, 5, 88-99.	1.3	45
820	Multiplex determination of serological signatures in the sera of colorectal cancer patients using hydrogel biochips. <i>Cancer Medicine</i> , 2016, 5, 1361-1372.	1.3	25
821	Predictive imaging of chemotherapeutic response in a transgenic mouse model of pancreatic cancer. <i>International Journal of Cancer</i> , 2016, 139, 712-718.	2.3	12
822	Yogic breathing when compared to attention control reduces the levels of pro-inflammatory biomarkers in saliva: a pilot randomized controlled trial. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 294.	3.7	43
823	Reflections on <sc>MUC</sc>1 glycoprotein: the hidden potential of isoforms in carcinogenesis. <i>Apmis</i> , 2016, 124, 913-924.	0.9	17
824	Anti-MUC1 Aptamer/Negatively Charged Amino Acid Dendrimer Conjugates for Targeted Delivery to Human Lung Adenocarcinoma A549 Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2016, 39, 1734-1738.	0.6	22
825	Regulation of Mucin 1 and multidrug resistance protein 1 by honokiol enhances the efficacy of doxorubicin-mediated growth suppression in mammary carcinoma cells. <i>International Journal of Oncology</i> , 2016, 49, 479-486.	1.4	12
826	Glycoprotein screening in colorectal cancer based on differentially expressed Tn antigen. <i>Oncology Reports</i> , 2016, 36, 1313-1324.	1.2	14
827	Recent evolution of the salivary mucin MUC7. <i>Scientific Reports</i> , 2016, 6, 31791.	1.6	30
828	Prognostic significance of mucin expression profiles in breast carcinoma with signet ring cells: a clinicopathological study. <i>Diagnostic Pathology</i> , 2016, 11, 131.	0.9	11
829	MUC1 gene polymorphisms are associated with serum KL-6 levels and pulmonary dysfunction in pulmonary alveolar proteinosis. <i>Orphanet Journal of Rare Diseases</i> , 2016, 11, 48.	1.2	22
830	Searching the Evolutionary Origin of Epithelial Mucus Protein Componentsâ€”Mucins and FCGBP. <i>Molecular Biology and Evolution</i> , 2016, 33, 1921-1936.	3.5	104
831	DUSP28 links regulation of Mucin 5B and Mucin 16 to migration and survival of AsPC-1 human pancreatic cancer cells. <i>Tumor Biology</i> , 2016, 37, 12193-12202.	0.8	21
832	Ocular Surface Membrane-Associated Mucins. <i>Ocular Surface</i> , 2016, 14, 331-341.	2.2	72
833	Molecular Evidence of Glycosylation Effect on the Peptide Assemblies Identified with Scanning Tunneling Microscopy. <i>Journal of Physical Chemistry C</i> , 2016, 120, 6577-6582.	1.5	12
834	Expression of Membrane-Bound Mucins and p63 in Distinguishing Mucoepidermoid Carcinoma from Papillary Cystadenoma. <i>Head and Neck Pathology</i> , 2016, 10, 521-526.	1.3	7

#	ARTICLE	IF	CITATIONS
835	Interactions of mucins with the Tn or Sialyl Tn cancer antigens including MUC1 are due to GalNAc-GalNAc interactions. <i>Glycobiology</i> , 2016, 26, 1338-1350.	1.3	8
836	<i>Campylobacter</i> spp. and Related Organisms in Poultry. , 2016, , .		8
837	Aptamers as smart ligands for nano-carriers targeting. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 82, 316-327.	5.8	54
838	Differential expression of mucins in Middle Eastern patients with colorectal cancer. <i>Oncology Letters</i> , 2016, 12, 393-400.	0.8	17
839	Differences in the Molecular Species of CA125 Across the Phases of the Menstrual Cycle. <i>Biological Research for Nursing</i> , 2016, 18, 23-30.	1.0	2
840	Critical Role of Antimicrobial Peptide Cathelicidin for Controlling <i>Helicobacter pylori</i> Survival and Infection. <i>Journal of Immunology</i> , 2016, 196, 1799-1809.	0.4	49
841	A trial for the design and optimization of pH-sensitive microparticles for intestinal delivery of cinnarizine. <i>Drug Delivery and Translational Research</i> , 2016, 6, 195-209.	3.0	14
842	High-resolution FTIR imaging of colon tissues for elucidation of individual cellular and histopathological features. <i>Analyst</i> , The, 2016, 141, 630-639.	1.7	44
843	A photoelectrochemical aptasensor for mucin 1 based on DNA/aptamer linking of quantum dots and TiO ₂ nanotube arrays. <i>Analytical Methods</i> , 2016, 8, 2375-2382.	1.3	20
844	Mucin-Inspired Thermo-responsive Synthetic Hydrogels Induce Stasis in Human Pluripotent Stem Cells and Human Embryos. <i>ACS Central Science</i> , 2016, 2, 65-74.	5.3	110
845	Utility of Bromelain and N-Acetylcysteine in Treatment of Peritoneal Dissemination of Gastrointestinal Mucin-Producing Malignancies. , 2016, , .		17
846	The Densely O-Glycosylated MUC2 Mucin Protects the Intestine and Provides Food for the Commensal Bacteria. <i>Journal of Molecular Biology</i> , 2016, 428, 3221-3229.	2.0	137
847	Mechanisms of esophageal adenocarcinoma formation and approaches to chemopreventive intervention. <i>Seminars in Oncology</i> , 2016, 43, 78-85.	0.8	4
848	Investigating the role of mucin in the delivery of nanoparticles to cellular models of human cancer disease: an in vitro study. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 1291-1302.	1.7	7
849	Ratiometric Array of Conjugated Polymers-Fluorescent Protein Provides a Robust Mammalian Cell Sensor. <i>Journal of the American Chemical Society</i> , 2016, 138, 4522-4529.	6.6	122
850	Exquisite specificity of mitogenic lectin from <i>Cephalosporium curvulum</i> to core fucosylated N-glycans. <i>Glycoconjugate Journal</i> , 2016, 33, 19-28.	1.4	19
851	MUC5AC interactions with integrin $\alpha 4$ enhances the migration of lung cancer cells through FAK signaling. <i>Oncogene</i> , 2016, 35, 4112-4121.	2.6	68
852	An innate antiviral pathway acting before interferons at epithelial surfaces. <i>Nature Immunology</i> , 2016, 17, 150-158.	7.0	59

#	ARTICLE	IF	CITATIONS
853	Mucin 1-specific B cell immune responses and their impact on overall survival in breast cancer patients. <i>Oncolmmunology</i> , 2016, 5, e1057387.	2.1	38
854	Interaction of extravillous trophoblast galectin-1 and mucin(s)â€™Is there a functional relevance?. <i>Cell Adhesion and Migration</i> , 2016, 10, 179-188.	1.1	3
855	Strong expression of polypeptide N-acetylgalactosaminyltransferase 3 independently predicts shortened disease-free survival in patients with early stage oral squamous cell carcinoma. <i>Tumor Biology</i> , 2016, 37, 1357-1368.	0.8	18
856	Sialic acids in cancer biology and immunity. <i>Glycobiology</i> , 2016, 26, 111-128.	1.3	364
857	Temporal and spatial expression of Muc2 and Muc5ac mucins during rat respiratory and digestive tracts development. <i>Research in Veterinary Science</i> , 2016, 104, 136-145.	0.9	5
858	PPARÎ³ Modulation of Cytokineâ€™stimulated MUC16 (CA125) Expression in Breast and Ovarian Cancerâ€™Derived Cells. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 163-171.	1.2	9
859	Transmembrane Mucins: Signaling Receptors at the Intersection of Inflammation and Cancer. <i>Journal of Innate Immunity</i> , 2017, 9, 281-299.	1.8	188
860	Integrated molecular analysis reveals complex interactions between genomic and epigenomic alterations in esophageal adenocarcinomas. <i>Scientific Reports</i> , 2017, 7, 40729.	1.6	20
861	The cornerstone K-RAS mutation in pancreatic adenocarcinoma: From cell signaling network, target genes, biological processes to therapeutic targeting. <i>Critical Reviews in Oncology/Hematology</i> , 2017, 111, 7-19.	2.0	57
862	Glycoproteins functionalized natural and synthetic polymers for prospective biomedical applications: A review. <i>International Journal of Biological Macromolecules</i> , 2017, 98, 748-776.	3.6	40
863	Mucin-like protein, a saliva component involved in brown planthopper virulence and host adaptation. <i>Journal of Insect Physiology</i> , 2017, 98, 223-230.	0.9	66
864	Lung Adenocarcinoma With MUC4 Expression Is Associated With Smoking Status, HER2 Protein Expression, and Poor Prognosis: Clinicopathologic Analysis of 338 Cases. <i>Clinical Lung Cancer</i> , 2017, 18, e273-e281.	1.1	23
865	Molecular Pathways: Mucins and Drug Delivery in Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 1373-1378.	3.2	40
866	Visualization of aging-associated chromatin alterations with an engineered TALE system. <i>Cell Research</i> , 2017, 27, 483-504.	5.7	51
867	MUC16 Regulates TSPYL5 for Lung Cancer Cell Growth and Chemoresistance by Suppressing p53. <i>Clinical Cancer Research</i> , 2017, 23, 3906-3917.	3.2	64
868	MUC13 overexpression in renal cell carcinoma plays a central role in tumor progression and drug resistance. <i>International Journal of Cancer</i> , 2017, 140, 2351-2363.	2.3	32
869	Is mucin a determinant of peritoneal dissemination of gastrointestinal cancer? Analysis of mucin depletion in two preclinical models. <i>Clinical and Translational Oncology</i> , 2017, 19, 261-264.	1.2	1
870	Florescent probe with aggregation-induced emission characteristics for targeted labelling and imaging of cancer cells. <i>RSC Advances</i> , 2017, 7, 11282-11285.	1.7	18

#	ARTICLE	IF	CITATIONS
871	Cyclometalated Iridium(III) Bipyridine-Phenylboronic Acid Complexes as Bioimaging Reagents and Luminescent Probes for Sialic Acids. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1545-1556.	1.7	21
872	Specific and Differential Binding of <i>N</i> -Acetylgalactosamine Glycopolymers to the Human Macrophage Galactose Lectin and Asialoglycoprotein Receptor. <i>Biomacromolecules</i> , 2017, 18, 1624-1633.	2.6	32
873	N-Glycosylation affects the stability and barrier function of the MUC16 mucin. <i>Journal of Biological Chemistry</i> , 2017, 292, 11079-11090.	1.6	56
874	Differential effect of micron- versus nanoscale III ^V particulates and ionic species on the zebrafish gut. <i>Environmental Science: Nano</i> , 2017, 4, 1350-1364.	2.2	11
875	Optimized construction of MUC1-VNTRn DNA vaccine and its anti-pancreatic cancer efficacy. <i>Oncology Letters</i> , 2017, 13, 2198-2206.	0.8	9
876	Antibodies Against Specific MUC16 Glycosylation Sites Inhibit Ovarian Cancer Growth. <i>ACS Chemical Biology</i> , 2017, 12, 2085-2096.	1.6	32
877	Evaluation of ALCAM, PECAM-1 and selectin levels in intracranial meningiomas. <i>Clinical Neurology and Neurosurgery</i> , 2017, 160, 21-26.	0.6	5
878	Cysteine-Functionalized Metal-Organic Framework: Facile Synthesis and High Efficient Enrichment of N-Linked Glycopeptides in Cell Lysate. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 19562-19568.	4.0	110
880	HEG1 is a novel mucin-like membrane protein that serves as a diagnostic and therapeutic target for malignant mesothelioma. <i>Scientific Reports</i> , 2017, 7, 45768.	1.6	50
881	Serum Wisteria Floribunda Agglutinin-Positive Sialylated Mucin 1 as a Marker of Progenitor/Biliary Features in Hepatocellular Carcinoma. <i>Scientific Reports</i> , 2017, 7, 244.	1.6	14
882	Epigenetic alterations as biomarkers in pancreatic ductal adenocarcinoma. <i>Scandinavian Journal of Gastroenterology</i> , 2017, 52, 668-673.	0.6	24
883	Revisiting the human polypeptide GalNAc-T1 and T13 paralogs. <i>Glycobiology</i> , 2017, 27, 140-153.	1.3	13
884	Mucin 4 and matrix metalloproteinase 7 as novel salivary biomarkers for periodontitis. <i>Journal of Clinical Periodontology</i> , 2017, 44, 247-254.	2.3	25
885	Physicochemical properties of mucus and their impact on transmucosal drug delivery. <i>International Journal of Pharmaceutics</i> , 2017, 532, 555-572.	2.6	308
886	Depletion of MUC5B mucin in gastrointestinal cancer cells alters their tumorigenic properties: implication of the Wnt/ β -catenin pathway. <i>Biochemical Journal</i> , 2017, 474, 3733-3746.	1.7	26
887	<i>Entamoeba histolytica</i> -Induced Mucin Exocytosis Is Mediated by VAMP8 and Is Critical in Mucosal Innate Host Defense. <i>MBio</i> , 2017, 8, .	1.8	26
888	Principles of mucin structure: implications for the rational design of cancer vaccines derived from MUC1-glycopeptides. <i>Chemical Society Reviews</i> , 2017, 46, 7154-7175.	18.7	76
889	Engineering and physical sciences in oncology: challenges and opportunities. <i>Nature Reviews Cancer</i> , 2017, 17, 659-675.	12.8	204

#	ARTICLE	IF	CITATIONS
890	Near-set Based Mucin Segmentation in Histopathology Images for Detecting Mucinous Carcinoma. Journal of Medical Systems, 2017, 41, 144.	2.2	4
891	Multi-walled carbon nanotube-induced genotoxic, inflammatory and pro-fibrotic responses in mice: Investigating the mechanisms of pulmonary carcinogenesis. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2017, 823, 28-44.	0.9	72
892	Archaic Hominin Introgression in Africa Contributes to Functional Salivary MUC7 Genetic Variation. Molecular Biology and Evolution, 2017, 34, 2704-2715.	3.5	57
893	MUC1 Aptamer Targeted SERS Nanoprobes. Advanced Functional Materials, 2017, 27, 1606632.	7.8	76
894	Differential expression of two genes Oct4 and MUC5AC associates with poor outcome in patients with gastric cancer. Clinical and Experimental Pharmacology and Physiology, 2017, 44, 1099-1105.	0.9	22
895	Serum carbohydrate antigen 19a9 in pancreatic adenocarcinoma: a mini review for surgeons. ANZ Journal of Surgery, 2017, 87, 987-992.	0.3	33
896	Correlation between desiccation stress response and epigenetic modifications of genes in Drosophila melanogaster : An example of environment-epigenome interaction. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2017, 1860, 1058-1068.	0.9	10
897	Toll like receptors TLR1/2, TLR6 and MUC5B as binding interaction partners with cytostatic proline rich polypeptide 1 in human chondrosarcoma. International Journal of Oncology, 2018, 52, 139-154.	1.4	10
898	The Use of Fluoroproline in MUC1 Antigen Enables Efficient Detection of Antibodies in Patients with Prostate Cancer. Journal of the American Chemical Society, 2017, 139, 18255-18261.	6.6	33
899	MUC1 in lung adenocarcinoma: cross-sectional genetic and serological study. BMC Cancer, 2017, 17, 263.	1.1	8
900	Mucoepidermoid carcinoma-associated expression of MUC5AC, MUC5B and mucin-type carbohydrate antigen sialyl-Tn in the parotid gland. Archives of Oral Biology, 2017, 82, 121-126.	0.8	5
901	Immunotherapeutic Approaches to Biliary Cancer. Current Treatment Options in Oncology, 2017, 18, 44.	1.3	8
902	Morphological features of glands in the gastrointestinal tract of the African pied crow (Corvus Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 26	0.3	3
903	Polymorphisms in microRNA binding sites of mucin genes as predictors of clinical outcome in colorectal cancer patients. Carcinogenesis, 2017, 38, 28-39.	1.3	23
904	Characterization of the cervical mucus plug in mares. Reproduction, 2017, 153, 197-210.	1.1	13
905	Programmable binary chimera aptamer probes for intelligent fluorescence imaging of cell membrane receptors. Sensors and Actuators B: Chemical, 2017, 241, 422-429.	4.0	8
906	Biosensors for breast cancer diagnosis: A review of bioreceptors, biotransducers and signal amplification strategies. Biosensors and Bioelectronics, 2017, 88, 217-231.	5.3	219
907	Convergent evolution of defensin sequence, structure and function. Cellular and Molecular Life Sciences, 2017, 74, 663-682.	2.4	152

#	ARTICLE	IF	CITATIONS
908	Correlation between mucin biology and tumor heterogeneity in lung cancer. <i>Seminars in Cell and Developmental Biology</i> , 2017, 64, 73-78.	2.3	26
909	Role of the HTLV-1 viral factors in the induction of apoptosis. <i>Biomedicine and Pharmacotherapy</i> , 2017, 85, 334-347.	2.5	19
910	Quantitative O-glycomics based on improvement of the one-pot method for nonreductive O-glycan release and simultaneous stable isotope labeling with 1-(d 0/d 5)phenyl-3-methyl-5-pyrazolone followed by mass spectrometric analysis. <i>Journal of Proteomics</i> , 2017, 150, 18-30.	1.2	31
911	MUC13 protects colorectal cancer cells from death by activating the NF- κ B pathway and is a potential therapeutic target. <i>Oncogene</i> , 2017, 36, 700-713.	2.6	63
912	MUC1 rs4072037 Polymorphism is Associated with Decreased Risk of Gastric Cancer: A Meta-analysis. <i>International Journal of Biological Markers</i> , 2017, 32, 284-290.	0.7	5
913	O-glycosylation in liver cancer: Clinical associations and potential mechanisms. <i>Liver Research</i> , 2017, 1, 193-196.	0.5	4
914	Identification of Galectin-2-Mucin Interaction and Possible Formation of a High Molecular Weight Lattice. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 1789-1795.	0.6	13
915	Clinicopathological Study of Carcinoma of the Ampulla of Vater with Special Reference to MUC1, MUC2 and MUC5AC Expression. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2017, 11, EC17-EC20.	0.8	2
916	Development of Electrochemical Aptamer Biosensor for Tumor Marker MUC1 Determination. <i>International Journal of Electrochemical Science</i> , 2017, 12, 5618-5627.	0.5	16
917	Nanoparticle-Based Peptide Vaccines. , 2017, , 149-170.		10
918	Whole-genome sequencing identifies new genetic alterations in meningiomas. <i>Oncotarget</i> , 2017, 8, 17070-17080.	0.8	17
919	Tackling intra- and inter-tumor heterogeneity to combat triple negative breast cancer. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 1549-1580.	3.0	14
920	Selection of DNA Aptamers for Ovarian Cancer Biomarker CA125 Using One-Pot SELEX and High-Throughput Sequencing. <i>Journal of Nucleic Acids</i> , 2017, 2017, 1-9.	0.8	29
921	In vitro Cytotoxic Activities of the Oral Platinum(IV) Prodrug Oxoplatin and HSP90 Inhibitor Ganetespib against a Panel of Gastric Cancer Cell Lines. <i>Journal of Cancer</i> , 2017, 8, 1733-1743.	1.2	2
922	De novo assembly of the sea trout (<i>Salmo trutta m. trutta</i>) skin transcriptome to identify putative genes involved in the immune response and epidermal mucus secretion. <i>PLoS ONE</i> , 2017, 12, e0172282.	1.1	34
923	MUC1 facilitates metabolomic reprogramming in triple-negative breast cancer. <i>PLoS ONE</i> , 2017, 12, e0176820.	1.1	29
924	Mucus and Mucins: do they have a role in the inhibition of the human immunodeficiency virus?. <i>Virology Journal</i> , 2017, 14, 192.	1.4	37
925	The impact of synbiotic administration through in ovo technology on the microstructure of a broiler chicken small intestine tissue on the 1st and 42nd day of rearing. <i>Journal of Animal Science and Biotechnology</i> , 2017, 8, 61.	2.1	29

#	ARTICLE	IF	CITATIONS
926	A Boronic Acid Assay for the Detection of Mucin Glycoprotein from Cancer Cells. <i>ChemBioChem</i> , 2017, 18, 1578-1582.	1.3	4
927	Contribution of DUSP28 to Regulation of Mucins in Human Pancreatic Cancer Cells. <i>Advanced Techniques in Biology & Medicine</i> , 2017, 05, .	0.1	0
928	Physical and chemical characteristics of mucin secreted by pseudomyxoma peritonei (PMP). <i>International Journal of Medical Sciences</i> , 2017, 14, 18-28.	1.1	19
929	Monoclonal Antibodies Against Tumour-Associated Carbohydrate Antigens. , 0, , .		3
930	NIDO, AMOP and vWD domains of MUC4 play synergic role in MUC4 mediated signaling. <i>Oncotarget</i> , 2017, 8, 10385-10399.	0.8	7
931	High expression of Mucin13 associates with grimmer postoperative prognosis of patients with non-metastatic clear-cell renal cell carcinoma. <i>Oncotarget</i> , 2017, 8, 7548-7558.	0.8	12
932	CDH13 abundance interferes with adipocyte differentiation and is a novel biomarker for adipose tissue health. <i>International Journal of Obesity</i> , 2018, 42, 1039-1050.	1.6	15
933	Carbohydrate-based vaccines for oncotherapy. <i>Medicinal Research Reviews</i> , 2018, 38, 1003-1026.	5.0	64
934	The effect of plant lectins on the survival and malignant behaviors of thyroid cancer cells. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 6274-6287.	1.2	17
935	Tn Antigen Mimics by Ring-Opening of Chiral Cyclic Sulfamidates with Carbohydrate C1-S- and C1-O-Nucleophiles. <i>Journal of Organic Chemistry</i> , 2018, 83, 4973-4980.	1.7	12
936	<i>Helicobacter suis</i> binding to carbohydrates on human and porcine gastric mucins and glycolipids occurs via two modes. <i>Virulence</i> , 2018, 9, 898-918.	1.8	29
937	Promotion of a Reaction by Cooling: Stereoselective 1,2-Cis- Thioglycoconjugation by Thiol-Ene Coupling at 80°C. <i>Chemistry - A European Journal</i> , 2018, 24, 4532-4536.	1.7	22
938	Ramifications of secreted mucin MUC5AC in malignant journey: a holistic view. <i>Carcinogenesis</i> , 2018, 39, 633-651.	1.3	40
939	Circulating Mucins and Cytokeratins in Aggressive Thyroid Cancers. , 2018, , 175-189.		1
940	Analysis of sialyl-Lewis x on MUC5AC and MUC1 mucins in pancreatic cancer tissues. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 33-45.	3.6	18
941	Biocompatible single-chain polymer nanoparticles loaded with an antigen mimetic as potential anticancer vaccine. <i>ACS Macro Letters</i> , 2018, 7, 196-200.	2.3	35
942	Lipopolysaccharide impairs mucin secretion and stimulated mucosal immune stress response in respiratory tract of neonatal chicks. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 204, 71-78.	1.3	2
943	Selectins in cancer immunity. <i>Glycobiology</i> , 2018, 28, 648-655.	1.3	118

#	ARTICLE	IF	CITATIONS
944	Mucins: Structural diversity, biosynthesis, its role in pathogenesis and as possible therapeutic targets. <i>Critical Reviews in Oncology/Hematology</i> , 2018, 122, 98-122.	2.0	113
945	A Comparative Report on Intracranial Tumor-to-Tumor Metastasis and Collision Tumors. <i>World Neurosurgery</i> , 2018, 116, 454-463.e2.	0.7	29
946	High MUC2 Mucin Expression and Misfolding Induce Cellular Stress, Reactive Oxygen Production, and Apoptosis in Goblet Cells. <i>American Journal of Pathology</i> , 2018, 188, 1354-1373.	1.9	52
947	The biological challenges and pharmacological opportunities of orally administered nanomedicine delivery. <i>Expert Review of Gastroenterology and Hepatology</i> , 2018, 12, 223-236.	1.4	37
948	The impact of acute inflammation on progression and metastasis in pancreatic cancer animal model. <i>Surgical Oncology</i> , 2018, 27, 61-69.	0.8	26
949	Peritoneal dissemination of ovarian cancer: role of MUC16-mesothelin interaction and implications for treatment. <i>Expert Review of Anticancer Therapy</i> , 2018, 18, 177-186.	1.1	31
950	De novo expression of human polypeptide N-acetylgalactosaminyltransferase 6 (GalNAc-T6) in colon adenocarcinoma inhibits the differentiation of colonic epithelium. <i>Journal of Biological Chemistry</i> , 2018, 293, 1298-1314.	1.6	61
951	Association between the length of the MUC8-minisatellite 5 region and susceptibility to chronic obstructive pulmonary disease (COPD). <i>Genes and Genomics</i> , 2018, 40, 123-127.	0.5	4
952	Actin Microridges. <i>Anatomical Record</i> , 2018, 301, 2037-2050.	0.8	24
953	Identification of mesothelioma-specific sialylated epitope recognized with monoclonal antibody SKM9-2 in a mucin-like membrane protein HEG1. <i>Scientific Reports</i> , 2018, 8, 14251.	1.6	15
954	The central exons of the human MUC2 and MUC6 mucins are highly repetitive and variable in sequence between individuals. <i>Scientific Reports</i> , 2018, 8, 17503.	1.6	20
955	The Ocular Surface Glycocalyx and its Alteration in Dry Eye Disease: A Review. , 2018, 59, DES157.		41
956	Effective Targeting of TAG72+ Peritoneal Ovarian Tumors via Regional Delivery of CAR-Engineered T Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2268.	2.2	80
957	MUC16 mutations improve patients' prognosis by enhancing the infiltration and antitumor immunity of cytotoxic T lymphocytes in the endometrial cancer microenvironment. <i>Oncolmmunology</i> , 2018, 7, e1487914.	2.1	27
958	New insights into molecular mechanisms of rosiglitazone in monotherapy or combination therapy against cancers. <i>Chemico-Biological Interactions</i> , 2018, 296, 162-170.	1.7	20
959	Multicellular Human Gastric Cancer Spheroids Mimic the Glycosylation Phenotype of Gastric Carcinomas. <i>Molecules</i> , 2018, 23, 2815.	1.7	22
960	Different Glycoconjugate Content in Mucus Secreting Cells of the Rat Fundic Gastric Glands. <i>Anatomical Record</i> , 2018, 301, 2128-2144.	0.8	3
961	Applications of metal-organic frameworks as advanced sorbents in biomacromolecules sample preparation. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 109, 154-162.	5.8	75

#	ARTICLE	IF	CITATIONS
962	Cancer-Associated Thrombosis: An Overview of Mechanisms, Risk Factors, and Treatment. <i>Cancers</i> , 2018, 10, 380.	1.7	373
963	Allergen-removed Rhus; 1/2 verniciflua Stokes suppresses invasion and migration of pancreatic cancer cells through downregulation of the JAK/STAT and Src/FAK signaling pathways. <i>Oncology Reports</i> , 2018, 40, 3060-3068.	1.2	12
964	The N-terminal domain of unknown function (DUF959) in collagen XVIII is intrinsically disordered and highly O-glycosylated. <i>Biochemical Journal</i> , 2018, 475, 3577-3593.	1.7	8
965	Effect of Reprimo Down-regulation on Malignant Transformation of Intraductal Papillary Mucinous Neoplasm. <i>Pancreas</i> , 2018, 47, 291-295.	0.5	4
966	Glycosylation pathways of human corneal and conjunctival epithelial cell mucins. <i>Carbohydrate Research</i> , 2018, 470, 50-56.	1.1	14
967	Integrative analysis of the cancer genome atlas and cancer cell lines encyclopedia large-scale genomic databases: MUC4/MUC16/MUC20 signature is associated with poor survival in human carcinomas. <i>Journal of Translational Medicine</i> , 2018, 16, 259.	1.8	60
968	Effects of the <i>Helicobacter pylori</i> Virulence Factor CagA and Ammonium Ion on Mucins in AGS Cells. <i>Yonsei Medical Journal</i> , 2018, 59, 633.	0.9	4
969	A tension-mediated glyocalyx-integrin feedback loop promotes mesenchymal-like glioblastoma. <i>Nature Cell Biology</i> , 2018, 20, 1203-1214.	4.6	103
970	Effects of alpha-(1,2)-fucosyltransferase genotype variants on plasma metabolome, immune responses and gastrointestinal bacterial enumeration of pigs pre- and post-weaning. <i>PLoS ONE</i> , 2018, 13, e0202970.	1.1	15
971	Exploring the potential of mucin 13 (MUC13) as a biomarker for carcinomas and other diseases. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 1945-1953.	1.4	15
972	Multifunctional, High Molecular Weight, Post-Translationally Modified Proteins through Oxidative Cysteine Coupling and Tyrosine Modification. <i>Bioconjugate Chemistry</i> , 2018, 29, 1876-1884.	1.8	8
973	Axed MUC4 (MUC4/X) aggravates pancreatic malignant phenotype by activating integrin- β 1/FAK/ERK pathway. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 2538-2549.	1.8	28
974	The role of glycosyltransferase enzyme GCNT3 in colon and ovarian cancer prognosis and chemoresistance. <i>Scientific Reports</i> , 2018, 8, 8485.	1.6	26
975	Prognostic Value of MUC2 Expression in Colorectal Cancer: A Systematic Review and Meta-Analysis. <i>Gastroenterology Research and Practice</i> , 2018, 2018, 1-12.	0.7	25
976	The polypeptide N-acetylgalactosaminyltransferase 4 exhibits stage-dependent expression in colorectal cancer and affects tumorigenesis, invasion and differentiation. <i>FEBS Journal</i> , 2018, 285, 3041-3055.	2.2	9
977	Silicon nanodot-based aptasensor for fluorescence turn-on detection of mucin 1 and targeted cancer cell imaging. <i>Analytica Chimica Acta</i> , 2018, 1035, 154-160.	2.6	41
978	Mucins as multifunctional building blocks of biomaterials. <i>Biomaterials Science</i> , 2018, 6, 2282-2297.	2.6	112
979	The Interaction of the Gut Microbiota with the Mucus Barrier in Health and Disease in Human. <i>Microorganisms</i> , 2018, 6, 78.	1.6	94

#	ARTICLE	IF	CITATIONS
980	A Mucin1 C-terminal Subunit-directed Monoclonal Antibody Targets Overexpressed Mucin1 in Breast Cancer. <i>Theranostics</i> , 2018, 8, 78-91.	4.6	38
981	Use of Mass Spectrometry to Screen Glycan Early Markers in Hepatocellular Carcinoma. <i>Frontiers in Oncology</i> , 2017, 7, 328.	1.3	18
982	Long non-coding RNA-SNHG7 acts as a target of miR-34a to increase GALNT7 level and regulate PI3K/Akt/mTOR pathway in colorectal cancer progression. <i>Journal of Hematology and Oncology</i> , 2018, 11, 89.	6.9	154
983	Next-generation antibodies for post-translational modifications. <i>Current Opinion in Structural Biology</i> , 2018, 51, 141-148.	2.6	32
984	Breast cancer diagnosed during pregnancy is associated with enrichment of non-silent mutations, mismatch repair deficiency signature and mucin mutations. <i>Npj Breast Cancer</i> , 2018, 4, 23.	2.3	26
985	Pseudomyxoma Peritonei Arising from Epithelial Appendiceal Tumours. , 2018, , 317-346.		2
986	New Treatment Modalities for the Management of Peritoneal Metastases. , 2018, , 469-506.		4
987	Modulation of gastrointestinal barrier and nutrient transport function in farm animals by natural plant bioactive compounds – A comprehensive review. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 3237-3266.	5.4	87
988	Glycosylation and Antitumor Immunity. <i>International Review of Cell and Molecular Biology</i> , 2019, 343, 111-127.	1.6	12
989	Au-Luminol-decorated porous carbon nanospheres for the electrochemiluminescence biosensing of MUC1. <i>Nanoscale</i> , 2019, 11, 16860-16867.	2.8	21
990	Analysis of Hepatocellular Carcinoma Tissue for Biomarker Discovery. <i>Molecular and Translational Medicine</i> , 2019, , 93-107.	0.4	6
991	Distinct signatures of lung cancer types: aberrant mucin O-glycosylation and compromised immune response. <i>BMC Cancer</i> , 2019, 19, 824.	1.1	34
992	Aptamer-based fluorometric determination for mucin 1 using gold nanoparticles and carbon dots. <i>Mikrochimica Acta</i> , 2019, 186, 544.	2.5	21
993	The prognostic significance of preoperative tumor marker (CEA, CA15-3) elevation in breast cancer patients: data from the Korean Breast Cancer Society Registry. <i>Breast Cancer Research and Treatment</i> , 2019, 177, 669-678.	1.1	37
994	The glycoprotein mucin-1 negatively regulates GalNAc transferase 5 expression in pancreatic cancer. <i>FEBS Letters</i> , 2019, 593, 2751-2761.	1.3	8
995	Construction of a Multiple-Aptamer-Based DNA Logic Device on Live Cell Membranes via Associative Toehold Activation for Accurate Cancer Cell Identification. <i>Journal of the American Chemical Society</i> , 2019, 141, 12738-12743.	6.6	217
996	Mucin-1 is required for Coxsackie Virus B3-induced inflammation in pancreatitis. <i>Scientific Reports</i> , 2019, 9, 10656.	1.6	2
997	Survival Analysis of Multi-Omics Data Identifies Potential Prognostic Markers of Pancreatic Ductal Adenocarcinoma. <i>Frontiers in Genetics</i> , 2019, 10, 624.	1.1	64

#	ARTICLE	IF	CITATIONS
998	Immunolocalization of MUC1 in chronic plaque psoriasis. <i>Journal of Immunoassay and Immunochemistry</i> , 2019, 40, 515-527.	0.5	0
999	Yeast-Derived β -Glucan in Cancer: Novel Uses of a Traditional Therapeutic. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3618.	1.8	80
1000	Nerves and Pancreatic Cancer: New Insights into a Dangerous Relationship. <i>Cancers</i> , 2019, 11, 893.	1.7	50
1001	Mucin 17 inhibits the progression of human gastric cancer by limiting inflammatory responses through a MYH9-p53-RhoA regulatory feedback loop. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 283.	3.5	29
1002	An Atlas of Human Glycosylation Pathways Enables Display of the Human Glycome by Gene Engineered Cells. <i>Molecular Cell</i> , 2019, 75, 394-407.e5.	4.5	181
1003	CDPath: Cooperative Driver Pathways Discovery Using Integer Linear Programming and Markov Clustering. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021, 18, 1384-1395.	1.9	11
1004	Selective targeting of signet ring cell adenocarcinomas. <i>Medical Hypotheses</i> , 2019, 133, 109380.	0.8	3
1006	Immune-Informed Mucin Hydrogels Evade Fibrotic Foreign Body Response In Vivo. <i>Advanced Functional Materials</i> , 2019, 29, 1902581.	7.8	34
1007	Human Colorectal Cancer Infrastructure Constructed by the Glycocalyx. <i>Journal of Clinical Medicine</i> , 2019, 8, 1270.	1.0	10
1008	Probiotic expressing heterologous phytase improves the immune system and attenuates inflammatory response in zebrafish fed with a diet rich in soybean meal. <i>Fish and Shellfish Immunology</i> , 2019, 93, 652-658.	1.6	15
1009	Altered Cell Adhesion and Glycosylation Promote Cancer Immune Suppression and Metastasis. <i>Frontiers in Immunology</i> , 2019, 10, 2120.	2.2	153
1010	Characterization of doxycycline-dependent inducible Simian Virus 40 large T antigen immortalized human conjunctival epithelial cell line. <i>PLoS ONE</i> , 2019, 14, e0222454.	1.1	9
1011	VAMP8-mediated MUC2 mucin exocytosis from colonic goblet cells maintains innate intestinal homeostasis. <i>Nature Communications</i> , 2019, 10, 4306.	5.8	58
1012	MUC16 in non-small cell lung cancer patients affected by familial lung cancer and indoor air pollution: clinical characteristics and cell behaviors. <i>Translational Lung Cancer Research</i> , 2019, 8, 476-488.	1.3	9
1013	Neuraminidase 1 regulates proliferation, apoptosis and the expression of Cadherins in mammary carcinoma cells. <i>Molecular and Cellular Biochemistry</i> , 2019, 462, 207-215.	1.4	14
1014	Mucins as a New Frontier in Pulmonary Fibrosis. <i>Journal of Clinical Medicine</i> , 2019, 8, 1447.	1.0	34
1015	Bifunctional cleavable probes for <i>in situ</i> multiplexed glycan detection and imaging using mass spectrometry. <i>Chemical Science</i> , 2019, 10, 2320-2325.	3.7	41
1016	Application of metasurface-enhanced infra-red spectroscopy to distinguish between normal and cancerous cell types. <i>Analyst</i> , 2019, 144, 1115-1127.	1.7	23

#	ARTICLE	IF	CITATIONS
1017	Effects of chlorogenic acid, epicatechin gallate, and quercetin on mucin expression and secretion in the Caco-2/HT29-MTX cell model. <i>Food Science and Nutrition</i> , 2019, 7, 492-498.	1.5	19
1018	Polypeptide GalNAc-Ts: from redundancy to specificity. <i>Current Opinion in Structural Biology</i> , 2019, 56, 87-96.	2.6	73
1019	Untouchable genes in the human genome: Identifying ideal targets for cancer treatment. <i>Cancer Genetics</i> , 2019, 231-232, 67-79.	0.2	3
1020	NOD2 Expression in Intestinal Epithelial Cells Protects Toward the Development of Inflammation and Associated Carcinogenesis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 357-369.	2.3	38
1021	Evolution of salivary glue genes in <i>Drosophila</i> species. <i>BMC Evolutionary Biology</i> , 2019, 19, 36.	3.2	14
1022	Biomarkers in Gastric Cancer. , 2019, , 79-86.		0
1023	Bacterial biofilms as a potential contributor to mucinous colorectal cancer formation. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019, 1872, 74-79.	3.3	35
1024	Establishment and characterization of a novel cell line (cc-006cpm8) of moderately/poorly differentiated colorectal adenocarcinoma derived from a primary tumor of a patient. <i>International Journal of Oncology</i> , 2019, 55, 243-256.	1.4	1
1025	Archaeal Cell Walls. <i>Sub-Cellular Biochemistry</i> , 2019, 92, 471-493.	1.0	13
1026	Interactions of Transition Metal Dichalcogenide Nanosheets With Mucin: Quartz Crystal Microbalance With Dissipation, Surface Plasmon Resonance, and Spectroscopic Probing. <i>Frontiers in Chemistry</i> , 2019, 7, 166.	1.8	1
1027	CHML promotes liver cancer metastasis by facilitating Rab14 recycle. <i>Nature Communications</i> , 2019, 10, 2510.	5.8	32
1029	Sandwich immunoassay coupled with isothermal exponential amplification reaction: An ultrasensitive approach for determination of tumor marker MUC1. <i>Talanta</i> , 2019, 204, 248-254.	2.9	11
1030	Experimental models to study intestinal microbes-mucus interactions in health and disease. <i>FEMS Microbiology Reviews</i> , 2019, 43, 457-489.	3.9	114
1031	Application of metal-organic framework as redox probe in an electrochemical aptasensor for sensitive detection of MUC1. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111433.	5.3	49
1032	Surface Sugars Get Cells in Shape. <i>Cell</i> , 2019, 177, 1672-1674.	13.5	2
1034	Immunohistochemical profiling of mucins in sinonasal adenocarcinomas. <i>Pathology Research and Practice</i> , 2019, 215, 152439.	1.0	7
1035	Single nucleotide polymorphisms within MUC4 are associated with colorectal cancer survival. <i>PLoS ONE</i> , 2019, 14, e0216666.	1.1	15
1036	Combining the Specific Anti-MUC1 Antibody TAB004 and Lip-MSA-IL-2 Limits Pancreatic Cancer Progression in Immune Competent Murine Models of Pancreatic Ductal Adenocarcinoma. <i>Frontiers in Oncology</i> , 2019, 9, 330.	1.3	12

#	ARTICLE	IF	CITATIONS
1037	Highly Sensitive O-Glycan Profiling for Human Serum Proteins Reveals Gender-Dependent Changes in Colorectal Cancer Patients. <i>Analytical Chemistry</i> , 2019, 91, 6180-6189.	3.2	16
1038	Mucins: the Old, the New and the Promising Factors in Hepatobiliary Carcinogenesis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1288.	1.8	61
1039	Carbendazim induces death in alveolar epithelial cells: A comparison between submerged and at the air-liquid interface cell culture. <i>Toxicology in Vitro</i> , 2019, 58, 78-85.	1.1	18
1040	Biologics, Immunotherapy, and Future Directions in the Treatment of Advanced Cholangiocarcinoma. <i>Clinical Colorectal Cancer</i> , 2019, 18, 81-90.	1.0	25
1041	The mucin-selective protease StcE enables molecular and functional analysis of human cancer-associated mucins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7278-7287.	3.3	186
1042	Genomic, Transcriptomic, Epigenetic, and Immune Profiling of Mucinous Breast Cancer. <i>Journal of the National Cancer Institute</i> , 2019, 111, 742-746.	3.0	40
1043	Gene Regulation by Antitumor miR-204-5p in Pancreatic Ductal Adenocarcinoma: The Clinical Significance of Direct RACGAP1 Regulation. <i>Cancers</i> , 2019, 11, 327.	1.7	24
1044	A Tumor-Selective Monoclonal Antibody from Immunization with a Tumor-Associated Mucin Glycopeptide. <i>Scientific Reports</i> , 2019, 9, 5662.	1.6	17
1045	Purification and partial characterization of seed lectins from <i>Vicia</i> belonging to subgenus <i>Vicilla</i> section <i>Cracca</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 19, 101121.	1.5	3
1046	uMUC1-Targeting Magnetic Resonance Imaging of Therapeutic Response in an Orthotropic Mouse Model of Colon Cancer. <i>Molecular Imaging and Biology</i> , 2019, 21, 852-860.	1.3	11
1047	A Systematic Review of miR-29 in Cancer. <i>Molecular Therapy - Oncolytics</i> , 2019, 12, 173-194.	2.0	157
1048	MUC16 impacts tumor proliferation and migration through cytoplasmic translocation of P120-catenin in epithelial ovarian cancer cells: an original research. <i>BMC Cancer</i> , 2019, 19, 171.	1.1	23
1049	Structure-Based Design of Potent Tumor-Associated Antigens: Modulation of Peptide Presentation by Single-Atom O/S or O/Se Substitutions at the Glycosidic Linkage. <i>Journal of the American Chemical Society</i> , 2019, 141, 4063-4072.	6.6	51
1050	Overview of Characterizing Cancer Glycans with Lectin-Based Analytical Methods. <i>Methods in Molecular Biology</i> , 2019, 1928, 389-408.	0.4	6
1052	High expression of MUC20 drives tumorigenesis and predicts poor survival in endometrial cancer. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 11859-11866.	1.2	9
1053	Epigenetic downregulation of MUC17 by <i>H. pylori</i> infection facilitates NF- κ B-mediated expression of CEACAM1-3S in human gastric cancer. <i>Gastric Cancer</i> , 2019, 22, 941-954.	2.7	17
1054	Porcine Gastric Mucin Triggers Toxin Production of Enteropathogenic <i>Bacillus cereus</i> . <i>Infection and Immunity</i> , 2019, 87, .	1.0	12
1055	Prognostic and Clinicopathological Significance of MUC Family Members in Colorectal Cancer: A Systematic Review and Meta-Analysis. <i>Gastroenterology Research and Practice</i> , 2019, 2019, 1-16.	0.7	22

#	ARTICLE	IF	CITATIONS
1056	Proteins That Interact with the Mucin-Type Glycoprotein Msb2p Include a Regulator of the Actin Cytoskeleton. <i>Biochemistry</i> , 2019, 58, 4842-4856.	1.2	8
1057	Photoimmunotherapy of Ovarian Cancer: A Unique Niche in the Management of Advanced Disease. <i>Cancers</i> , 2019, 11, 1887.	1.7	28
1058	Assessing the prognostic significance of MUC4 ^{Î²} in mucoepidermoid carcinoma of the salivary glands: An immunohistochemical study. <i>Heliyon</i> , 2019, 5, e02753.	1.4	3
1059	Very early recurrence following pancreaticoduodenectomy in patients with ampullary cancer. <i>Medicine (United States)</i> , 2019, 98, e17711.	0.4	11
1060	Prognostic and clinicopathological value of MUC1 expression in colorectal cancer. <i>Medicine (United States)</i> , 2019, 98, e17711.	0.4	12
1061	16S ribosomal RNA sequencing reveals a modulation of intestinal microbiome and immune response by dietary L-theanine supplementation in broiler chickens. <i>Poultry Science</i> , 2019, 98, 842-854.	1.5	39
1062	Identification of salivary peptidomic biomarkers in chronic kidney disease patients undergoing haemodialysis. <i>Clinica Chimica Acta</i> , 2019, 489, 154-161.	0.5	12
1063	Chimeric DNA-Functionalized Titanium Carbide MXenes for Simultaneous Mapping of Dual Cancer Biomarkers in Living Cells. <i>Analytical Chemistry</i> , 2019, 91, 1651-1658.	3.2	67
1064	Active Targeting of Drugs and Bioactive Molecules via Oral Administration by Ligand-Conjugated Lipidic Nanocarriers: Recent Advances. <i>AAPS PharmSciTech</i> , 2019, 20, 15.	1.5	49
1065	Protein-Level Interactions as Mediators of Sexual Conflict in Ants*. <i>Molecular and Cellular Proteomics</i> , 2019, 18, S34-S45.	2.5	27
1066	Ultrasensitive Ambient Mass Spectrometry Immunoassays: Multiplexed Detection of Proteins in Serum and on Cell Surfaces. <i>Journal of the American Chemical Society</i> , 2019, 141, 72-75.	6.6	81
1067	An improved class of fluorescent silica nanoparticles for indirect immunofluorescence detection of MCF-7 cells. <i>Optical Materials</i> , 2019, 88, 147-154.	1.7	4
1068	Cancer-associated mucins: role in immune modulation and metastasis. <i>Cancer and Metastasis Reviews</i> , 2019, 38, 223-236.	2.7	152
1069	Algae-derived Î²-glucan enhanced gut health and immune responses of weaned pigs experimentally infected with a pathogenic E. coli. <i>Animal Feed Science and Technology</i> , 2019, 248, 114-125.	1.1	44
1070	Possible biomarkers for predicting lymph node metastasis of esophageal squamous cell carcinoma: a review. <i>Journal of International Medical Research</i> , 2019, 47, 544-556.	0.4	18
1071	Mucin 2 (MUC2) modulates the aggressiveness of breast cancer. <i>Breast Cancer Research and Treatment</i> , 2019, 173, 289-299.	1.1	29
1072	Dietary supplementation of <i>Streptococcus faecalis</i> benefits the feed utilization, antioxidant capability, innate immunity, and disease resistance of blunt snout bream (<i>Megalobrama amblycephala</i>). <i>Fish Physiology and Biochemistry</i> , 2019, 45, 643-656.	0.9	9
1073	A novel MUC1 aptamer-modified PLGA-epirubicin-PI ² AE-antimir-21 nanocomplex platform for targeted co-delivery of anticancer agents in vitro and in vivo. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 175, 231-238.	2.5	43

#	ARTICLE	IF	CITATIONS
1074	Design Nanoprobe Based on Its Binding with Amino Acid Residues on Cell Surface and Its Application to Electrochemical Analysis of Cells. <i>Analytical Chemistry</i> , 2019, 91, 1005-1010.	3.2	23
1075	Slippery Nanoparticles as a Diffusion Platform for Mucin Producing Gastrointestinal Tumors. <i>Annals of Surgical Oncology</i> , 2020, 27, 76-84.	0.7	2
1076	Host genetic effects upon the early gut microbiota in a bovine model with graduated spectrum of genetic variation. <i>ISME Journal</i> , 2020, 14, 302-317.	4.4	62
1077	Recent advances in hydrophilic interaction liquid interaction chromatography materials for glycopeptide enrichment and glycan separation. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 124, 115570.	5.8	103
1078	Membrane-associated mucins of the ocular surface: New genes, new protein functions and new biological roles in human and mouse. <i>Progress in Retinal and Eye Research</i> , 2020, 75, 100777.	7.3	30
1079	Effects of Notch glycosylation on health and diseases. <i>Development Growth and Differentiation</i> , 2020, 62, 35-48.	0.6	24
1080	Proteome alterations in pancreatic ductal adenocarcinoma. <i>Cancer Letters</i> , 2020, 469, 429-436.	3.2	30
1081	Maternal 1-nitropyrene exposure during pregnancy increases susceptibility of allergic asthma in adolescent offspring. <i>Chemosphere</i> , 2020, 243, 125356.	4.2	17
1082	Chlamydia trachomatis and Anti-MUC1 Serology and Subsequent Risk of High-Grade Serous Ovarian Cancer: A Population-Based Caseâ€“Control Study in Northern Sweden. <i>Translational Oncology</i> , 2020, 13, 86-91.	1.7	6
1083	Positional Scanning MUC1 Glycopeptide Library Reveals the Importance of PDTR Epitope Glycosylation for Lectin Binding. <i>Journal of Organic Chemistry</i> , 2020, 85, 1434-1445.	1.7	10
1084	Disrupted Glycocalyx as a Source of Ocular Surface Biomarkers. <i>Eye and Contact Lens</i> , 2020, 46, S53-S56.	0.8	7
1085	MUC1 as a target for CARâ€“T therapy in head and neck squamous cell carcinoma. <i>Cancer Medicine</i> , 2020, 9, 640-652.	1.3	51
1086	Gene Expression in the Salivary Gland of Rhipicephalus (Boophilus) microplus Fed on Tick-Susceptible and Tick-Resistant Hosts. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 477.	1.8	12
1087	A Purified Aspartic Protease from Akkermansia Muciniphila Plays an Important Role in Degrading Muc2. <i>International Journal of Molecular Sciences</i> , 2020, 21, 72.	1.8	28
1088	Tumor-associated carbohydrates and immunomodulatory lectins as targets for cancer immunotherapy. , 2020, 8, e001222.		60
1089	Cellâ€“cell interfaces as specialized compartments directing cell function. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 750-764.	16.1	60
1090	TF-containing MUC1 glycopeptides fail to entice Galectin-1 recognition of tumor-associated Thomsen-Freidenreich (TF) antigen (CD176) in solution. <i>Glycoconjugate Journal</i> , 2020, 37, 657-666.	1.4	7
1091	The Cosmc-mediated effects of neutrophil elastase on T antigen expression in BEAS-2B cells. <i>Respiratory Physiology and Neurobiology</i> , 2020, 281, 103496.	0.7	3

#	ARTICLE	IF	CITATIONS
1092	Amplified Detection of Breast Cancer Autoantibodies Using MUC1-Based Tn Antigen Mimics. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 8524-8533.	2.9	14
1093	Combination therapy using Smac peptide and doxorubicin-encapsulated MUC 1-targeted polymeric nanoparticles to sensitize cancer cells to chemotherapy: An in vitro and in vivo study. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119650.	2.6	19
1094	A SERS-colorimetric dual-mode aptasensor for the detection of cancer biomarker MUC1. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 5707-5718.	1.9	34
1095	Potential of Anti-MUC1 Antibodies as a Targeted Therapy for Gastrointestinal Cancers. <i>Vaccines</i> , 2020, 8, 659.	2.1	30
1096	A tentacle for every occasion: comparing the hunting tentacles and sweeper tentacles, used for territorial competition, in the coral <i>Galaxea fascicularis</i> . <i>BMC Genomics</i> , 2020, 21, 548.	1.2	12
1097	Intestinal epithelial glycosylation in homeostasis and gut microbiota interactions in IBD. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2020, 17, 597-617.	8.2	138
1098	Human Microphysiological Models of Intestinal Tissue and Gut Microbiome. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 725.	2.0	46
1099	Amplified AND logic platform for cell identification. <i>Chemical Communications</i> , 2020, 56, 11267-11270.	2.2	12
1100	Isolation of exosomes from whole blood by a new microfluidic device: proof of concept application in the diagnosis and monitoring of pancreatic cancer. <i>Journal of Nanobiotechnology</i> , 2020, 18, 150.	4.2	52
1101	A review on development of MUC1-based cancer vaccine. <i>Biomedicine and Pharmacotherapy</i> , 2020, 132, 110888.	2.5	73
1102	A comparison of the use of different swab materials for optimal diagnosis of amoebic gill disease (AGD) in Atlantic salmon (<i>Salmo salar</i> L.). <i>Journal of Fish Diseases</i> , 2020, 43, 1463-1472.	0.9	4
1103	DNA branch migration amplification cascades for enzyme-free and non-label aptamer sensing of mucin 1. <i>Analyst</i> , 2020, 145, 6085-6090.	1.7	2
1104	MUC4 is a valuable marker for distinguishing secretory carcinoma of the salivary glands from its mimics. <i>Histopathology</i> , 2021, 79, 315-324.	1.6	22
1105	Synthesis of an STnThr analogue, structurally based on a TnThr antigen mimetic. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7366-7372.	1.5	5
1106	Molecular imaging and deep learning analysis of uMUC1 expression in response to chemotherapy in an orthotopic model of ovarian cancer. <i>Scientific Reports</i> , 2020, 10, 14942.	1.6	5
1107	Tepotinib Inhibits the Epithelial-Mesenchymal Transition and Tumor Growth of Gastric Cancers by Increasing GSK3 β , E-Cadherin, and Mucin 5AC and 6 Levels. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6027.	1.8	12
1108	Pic Protein From Enteropathogenic <i>E. coli</i> Induces Different Mechanisms for Its Dual Activity as a Mucus Secretagogue and a Mucinas. <i>Frontiers in Immunology</i> , 2020, 11, 564953.	2.2	8
1109	Epidemiology of Mucinous Adenocarcinomas. <i>Cancers</i> , 2020, 12, 3193.	1.7	19

#	ARTICLE	IF	CITATIONS
1110	Infrared spectroscopy of live cells from a flowing solution using electrically-biased plasmonic metasurfaces. <i>Lab on A Chip</i> , 2020, 20, 2136-2153.	3.1	19
1111	Akkermansia muciniphila Aspartic Protease Amuc_1434* Inhibits Human Colorectal Cancer LS174T Cell Viability via TRAIL-Mediated Apoptosis Pathway. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3385.	1.8	37
1112	New Enzymatic Approach to Distinguish Fucosylation Isomers of N-Linked Glycans in Tissues Using MALDI Imaging Mass Spectrometry. <i>Journal of Proteome Research</i> , 2020, 19, 2989-2996.	1.8	33
1113	Unraveling mucin domains in cancer and metastasis: when protectors become predators. <i>Cancer and Metastasis Reviews</i> , 2020, 39, 647-659.	2.7	24
1114	Physiological and genomic perspective of halophiles among different salt concentrations. , 2020, , 137-151.		1
1115	A Glycotherapeutic Approach to Functionalize Biomaterials-Based Systems. <i>Advanced Functional Materials</i> , 2020, 30, 1910031.	7.8	14
1116	Impaired O-Glycosylation at Consecutive Threonine TTX Motifs in Mucins Generates Conformationally Restricted Cancer Neopeptides. <i>Biochemistry</i> , 2020, 59, 1221-1241.	1.2	12
1117	Characterization of colorectal mucus using infrared spectroscopy: a potential target for bowel cancer screening and diagnosis. <i>Laboratory Investigation</i> , 2020, 100, 1102-1110.	1.7	10
1118	Mechanistic and Functional Shades of Mucins and Associated Glycans in Colon Cancer. <i>Cancers</i> , 2020, 12, 649.	1.7	37
1119	EGF-Containing Membrane-Bound Mucins: A Hidden ErbB2 Targeting Pathway?. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 5074-5088.	2.9	8
1120	Molecular implications of MUC5AC-CD44 axis in colorectal cancer progression and chemoresistance. <i>Molecular Cancer</i> , 2020, 19, 37.	7.9	85
1121	Autocatalytic replicated Mg ²⁺ -ligation DNAzyme as robust biocatalyst for sensitive, label-free and enzyme-free electrochemical biosensing of protein. <i>Sensors and Actuators B: Chemical</i> , 2020, 310, 127862.	4.0	13
1122	Predicted Prognosis of Patients with Pancreatic Cancer by Machine Learning. <i>Clinical Cancer Research</i> , 2020, 26, 2411-2421.	3.2	54
1123	A lectin with anti-microbial and anti proliferative activities from <i>Lantana camara</i> , a medicinal plant. <i>Protein Expression and Purification</i> , 2020, 170, 105574.	0.6	11
1124	Prolyl hydroxylase 3 controls the intestine goblet cell generation through stabilizing ATOH1. <i>Cell Death and Differentiation</i> , 2020, 27, 2131-2142.	5.0	7
1125	A straightforward approach to antibodies recognising cancer specific glycopeptidic neopeptides. <i>Chemical Science</i> , 2020, 11, 4999-5006.	3.7	16
1126	Texture Analysis of Breast DCE-MRI Based on Intratumoral Subregions for Predicting HER2+ Status. <i>Frontiers in Oncology</i> , 2020, 10, 543.	1.3	12
1127	Preferential drug delivery to tumor cells than normal cells using a tunable niosome-chitosan double package nanodelivery system: a novel in vitro model. <i>Cancer Nanotechnology</i> , 2020, 11, .	1.9	17

#	ARTICLE	IF	CITATIONS
1128	Arsenic represses airway epithelial mucin expression by affecting retinoic acid signaling pathway. <i>Toxicology and Applied Pharmacology</i> , 2020, 394, 114959.	1.3	8
1129	A Genome-Wide Association Study Identifies Two Novel Susceptible Regions for Squamous Cell Carcinoma of the Head and Neck. <i>Cancer Research</i> , 2020, 80, 2451-2460.	0.4	33
1130	Altered glycosylation in cancer: A promising target for biomarkers and therapeutics. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1875, 188464.	3.3	128
1131	Expression of Mucins in Salivary Gland Mucoepidermoid Carcinoma. <i>Head and Neck Pathology</i> , 2021, 15, 491-502.	1.3	13
1132	Cell Adhesion Molecules in Plasticity and Metastasis. <i>Molecular Cancer Research</i> , 2021, 19, 25-37.	1.5	30
1133	Improved chemosensitivity following mucolytic therapy in patient-derived models of mucinous appendix cancer. <i>Translational Research</i> , 2021, 229, 100-114.	2.2	6
1134	Alteration of mucins in the submandibular gland during aging in mice. <i>Archives of Oral Biology</i> , 2021, 121, 104967.	0.8	8
1135	A bird's eye view of the advanced approaches and strategies for overshadowing triple negative breast cancer. <i>Journal of Controlled Release</i> , 2021, 330, 72-100.	4.8	18
1136	Atypic large hepatic cyst with persistent elevated CA19.9 serum value: utility of intracystic CA72.4 dosage for a mini-invasive management. <i>Clinical Journal of Gastroenterology</i> , 2021, 14, 258-262.	0.4	1
1137	Effect of an alkyl spacer on the morphology and internalization of <sc>MUC1</sc> aptamerâ€naphthalimide amphiphiles for targeting and imaging triple negative breast cancer cells. <i>Bioengineering and Translational Medicine</i> , 2021, 6, e10194.	3.9	6
1139	Molecular Imaging Using Raman Scattering. , 2021, , 343-357.		0
1140	A robust CRISPRâ€Cas12a biosensor coated with metalâ€organic framework. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5451-5455.	2.9	8
1141	<i>Nanog</i> maintains stemness of <i>Lkb1</i> â€deficient lung adenocarcinoma and prevents gastric differentiation. <i>EMBO Molecular Medicine</i> , 2021, 13, e12627.	3.3	5
1142	Protein Modifications Mucin Family of Glycoproteins. , 2021, , 167-172.		1
1143	Nonspecific nuclear uptake of anti-MUC1 aptamers by dead cells: the role of cell viability monitoring in aptamer targeting of membrane-bound protein cancer biomarkers. <i>Analytical Methods</i> , 2021, 13, 1191-1203.	1.3	4
1144	A novel Tn antigen epitopeâ€recognizing antibody for MUC1 predicts clinical outcome in patients with primary lung adenocarcinoma. <i>Oncology Letters</i> , 2021, 21, 202.	0.8	6
1145	Tug-of-war: molecular dynamometers against living cells for analyzing sub-piconewton interaction of a specific protein with the cell membrane. <i>Chemical Science</i> , 2021, 12, 14389-14395.	3.7	2
1146	Transgenic Mice Overexpressing PG1 Display Corneal Opacity and Severe Inflammation in the Eye. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1586.	1.8	2

#	ARTICLE	IF	CITATIONS
1147	The evolving role of MUC16 (CA125) in the transformation of ovarian cells and the progression of neoplasia. <i>Carcinogenesis</i> , 2021, 42, 327-343.	1.3	31
1148	Phenotype characteristics of gastric epithelial mucus in patients with different gastric diseases: from superficial gastritis to gastric cancer. <i>PeerJ</i> , 2021, 9, e10822.	0.9	4
1149	Secretory Defense Response in the Bird's Gastro-Intestinal Tract and Nutritional Strategies to Modulate It. , 0, , .		0
1150	The fucose-specific lectin ANL from <i>Aspergillus niger</i> possesses anti-cancer activity by inducing the intrinsic apoptosis pathway in hepatocellular and colon cancer cells. <i>Cell Biochemistry and Function</i> , 2021, 39, 401-412.	1.4	2
1151	Particle Diffusivity and Free-Energy Profiles in Hydrogels from Time-Resolved Penetration Data. <i>Biophysical Journal</i> , 2021, 120, 463-475.	0.2	12
1152	Detection of MUC1 protein on tumor cells and their derived exosomes for breast cancer surveillance with an electrochemiluminescence aptasensor. <i>Journal of Electroanalytical Chemistry</i> , 2021, 882, 115011.	1.9	23
1153	Alpha-Fetoprotein Binding Mucin and Scavenger Receptors: An Available Bio-Target for Treating Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 625936.	1.3	7
1154	Clinical Perspective on Proteomic and Glycomic Biomarkers for Diagnosis, Prognosis, and Prediction of Pancreatic Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2655.	1.8	14
1155	Phase I study of a multitargeted recombinant Ad5 PSA/MUC-1/brachyury-based immunotherapy vaccine in patients with metastatic castration-resistant prostate cancer (mCRPC). , 2021, 9, e002374.		25
1156	MUC Glycoproteins: Potential Biomarkers and Molecular Targets for Cancer Therapy. <i>Current Cancer Drug Targets</i> , 2021, 21, 132-152.	0.8	14
1158	Levels of the cancer biomarker CA 19-9 are associated with thrombin generation in plasma from treatment-naïve pancreatic cancer patients. <i>Thrombosis Research</i> , 2021, 199, 21-31.	0.8	1
1159	Identification of novel adhesive proteins in pearl oyster by proteomic and bioinformatic analysis. <i>Biofouling</i> , 2021, 37, 299-308.	0.8	8
1160	Structural Alterations of Mucins Are Associated with Losses in Functionality. <i>Biomacromolecules</i> , 2021, 22, 1600-1613.	2.6	44
1161	Differential <i>MUC22</i> expression by epigenetic alterations in human lung squamous cell carcinoma and adenocarcinoma. <i>Oncology Reports</i> , 2021, 45, .	1.2	11
1162	Isoforms of MUC16 activate oncogenic signaling through EGF receptors to enhance the progression of pancreatic cancer. <i>Molecular Therapy</i> , 2021, 29, 1557-1571.	3.7	25
1163	Mucins reprogram stemness, metabolism and promote chemoresistance during cancer progression. <i>Cancer and Metastasis Reviews</i> , 2021, 40, 575-588.	2.7	14
1164	Brain-invasive meningiomas: molecular mechanisms and potential therapeutic options. <i>Brain Tumor Pathology</i> , 2021, 38, 156-172.	1.1	8
1165	MUC4 enhances gemcitabine resistance and malignant behaviour in pancreatic cancer cells expressing cancer-associated short O-glycans. <i>Cancer Letters</i> , 2021, 503, 91-102.	3.2	24

#	ARTICLE	IF	CITATIONS
1166	Abnormal Glycosylation of Cancer Stem Cells and Targeting Strategies. <i>Frontiers in Oncology</i> , 2021, 11, 649338.	1.3	17
1167	Crosstalk between MUC1 and VEGF in angiogenesis and metastasis: a review highlighting roles of the MUC1 with an emphasis on metastatic and angiogenic signaling. <i>Cancer Cell International</i> , 2021, 21, 200.	1.8	24
1168	Effects of High-Fat Diet on Carcinogen-Induced Pancreatic Cancer and Intestinal Microbiota in C57BL/6 Wild-Type Mice. <i>Pancreas</i> , 2021, 50, 564-570.	0.5	2
1169	Classification, structural biology, and applications of mucin domain-targeting proteases. <i>Biochemical Journal</i> , 2021, 478, 1585-1603.	1.7	37
1170	MUC1-Targeted Radiopharmaceuticals in Cancer Imaging and Therapy. <i>Molecular Pharmaceutics</i> , 2021, 18, 1842-1861.	2.3	12
1171	The Transition from Gastric Intestinal Metaplasia to Gastric Cancer Involves POPDC1 and POPDC3 Downregulation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5359.	1.8	6
1172	Adhesion of Helicobacter Species to the Human Gastric Mucosa: A Deep Look Into Glycans Role. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 656439.	1.6	26
1173	Novel cytosensor for accurate detection of circulating tumor cells based on a dual-recognition strategy and BSA@Ag@Ir metallic-organic nanoclusters. <i>Biosensors and Bioelectronics</i> , 2021, 179, 113102.	5.3	15
1174	Evolution of Cancer Vaccines—Challenges, Achievements, and Future Directions. <i>Vaccines</i> , 2021, 9, 535.	2.1	38
1175	Human genomics of the humoral immune response against polyomaviruses. <i>Virus Evolution</i> , 2021, 7, veab058.	2.2	9
1176	Role of MUC1 in lubrication of pleural mesothelial cells cultured on fibrine gel. <i>Tissue and Cell</i> , 2021, 70, 101503.	1.0	2
1177	Lung adenocarcinoma and lung squamous cell carcinoma cancer classification, biomarker identification, and gene expression analysis using overlapping feature selection methods. <i>Scientific Reports</i> , 2021, 11, 13323.	1.6	60
1178	Engineered EV-Mimetic Nanoparticles as Therapeutic Delivery Vehicles for High-Grade Serous Ovarian Cancer. <i>Cancers</i> , 2021, 13, 3075.	1.7	11
1179	Display of the human mucinome with defined O-glycans by gene engineered cells. <i>Nature Communications</i> , 2021, 12, 4070.	5.8	67
1180	Membrane-associated mucins of the human ocular surface in health and disease. <i>Ocular Surface</i> , 2021, 21, 313-330.	2.2	18
1181	Titanium dioxide particles from the diet: involvement in the genesis of inflammatory bowel diseases and colorectal cancer. <i>Particle and Fibre Toxicology</i> , 2021, 18, 26.	2.8	24
1182	Immunohistochemical Expression of MUC4 in Different Meningioma Subtypes in Comparison to Some Mesenchymal Non-Meningothelial Tumors. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2021, 9, 626-631.	0.1	1
1183	Chronic Inflammation in Ulcerative Colitis Causes Long-Term Changes in Goblet Cell Function. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 219-232.	2.3	22

#	ARTICLE	IF	CITATIONS
1184	MUC1 regulates AKT signaling pathway by upregulating EGFR expression in ovarian cancer cells. <i>Pathology Research and Practice</i> , 2021, 224, 153509.	1.0	12
1185	Preclinical Assessment of a MUC12-Targeted BiTE (Bispecific T-cell Engager) Molecule. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 1977-1987.	1.9	5
1186	Mucin expression, epigenetic regulation and patient survival: A toolkit of prognostic biomarkers in epithelial cancers. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1876, 188538.	3.3	15
1187	MUC1-C influences cell survival in lung adenocarcinoma Calu-3 cells after SARS-CoV-2 infection. <i>BMB Reports</i> , 2021, 54, 425-430.	1.1	14
1188	Proteogenomic characterization of pancreatic ductal adenocarcinoma. <i>Cell</i> , 2021, 184, 5031-5052.e26.	13.5	236
1189	Preparation of core-shell microporous organic polymer-coated silica microspheres for chromatographic separation and N-glycopeptides enrichment. <i>Journal of Separation Science</i> , 2022, 45, 1458-1468.	1.3	3
1190	MUC1-C Contributes to the Maintenance of Human Embryonic Stem Cells and Promotes Somatic Cell Reprogramming. <i>Stem Cells and Development</i> , 2021, 30, 1082-1091.	1.1	5
1191	Inter-cellular CRISPR screens reveal regulators of cancer cell phagocytosis. <i>Nature</i> , 2021, 597, 549-554.	13.7	95
1192	Mucin-producing hamster cholangiocarcinoma cell line, Ham-2, possesses the aggressive cancer phenotypes with liver and lung metastases. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2021, 57, 825-834.	0.7	0
1193	Highly sialylated mucin-type glycopeptide from porcine intestinal mucosa after heparin extraction: O-glycan profiling and immunological activity evaluation. <i>Glycoconjugate Journal</i> , 2021, 38, 527-537.	1.4	5
1194	Nanosecond pulsed electric fields impair viability and mucin expression in mucinous colorectal carcinoma cell. <i>Bioelectrochemistry</i> , 2021, 141, 107844.	2.4	1
1195	Anatomical and physiological considerations in scleral lens wear: Eyelids and tear film. <i>Contact Lens and Anterior Eye</i> , 2021, 44, 101407.	0.8	6
1196	Mucin 1 regulates the hypoxia response in head and neck cancer cells. <i>Journal of Pharmacological Sciences</i> , 2021, 147, 331-339.	1.1	9
1197	Mucins: Structure and Function. , 2021, , 237-265.		0
1198	Biomarkers as Putative Therapeutic Targets in Colorectal Cancer. , 2021, , 123-177.		0
1199	Biomarkers for Pancreatic Cancer and Cholangiocarcinoma. , 2021, , 31-40.		0
1201	Isotope Targeted Glycoproteomics (IsoTaG) to Characterize Intact, Metabolically Labeled Glycopeptides from Complex Proteomes. <i>Current Protocols in Chemical Biology</i> , 2016, 8, 59-82.	1.7	15
1202	Metagenomics of the Human Body. , 2011, , .		18

#	ARTICLE	IF	CITATIONS
1203	Host Genotype and the Effect on Microbial Communities. , 2011, , 15-41.		11
1204	Mucin O-Glycan Branching Enzymes: Structure, Function, and Gene Regulation. Advances in Experimental Medicine and Biology, 2011, 705, 465-492.	0.8	18
1205	High-Throughput and High-Sensitivity Nano-LC/MS and MS/MS for O-Glycan Profiling. , 2009, 534, 117-131.		13
1206	O-Glycoprotein Biosynthesis: Site Localization by Edman Degradation and Site Prediction Based on Random Peptide Substrates. Methods in Molecular Biology, 2012, 842, 81-108.	0.4	3
1207	Mucins and Tumor Biology. , 2016, , 43-61.		3
1208	Glycans in Cancer. , 2011, , 63-81.		4
1209	TRICOM Poxviral-Based Vaccines for the Treatment of Cancer. , 2014, , 291-327.		1
1210	Cancer Glycomics. , 2010, , 397-429.		1
1211	Assessment of tumor characteristics based on glycoform analysis of membrane-tethered MUC1. Laboratory Investigation, 2017, 97, 1103-1113.	1.7	20
1212	Glycocalyx regulates the strength and kinetics of cancer cell adhesion revealed by biophysical models based on high resolution label-free optical data. Scientific Reports, 2020, 10, 22422.	1.6	38
1213	O-glycan recognition and function in mice and human cancers. Biochemical Journal, 2020, 477, 1541-1564.	1.7	47
1214	Novel Monoclonal Antibodies Against the Proximal (Carboxy-Terminal) Portions of MUC16. Applied Immunohistochemistry and Molecular Morphology, 2010, 18, 462-472.	0.6	43
1218	The Effects of Stiffness, Fluid Viscosity, and Geometry of Microenvironment in Homeostasis, Aging, and Diseases: A Brief Review. Journal of Biomechanical Engineering, 2020, 142, .	0.6	24
1219	Requirement for MUC5AC in KRAS-dependent lung carcinogenesis. JCI Insight, 2018, 3, .	2.3	25
1220	PepsinA as a Marker of Laryngopharyngeal Reflux Detected in Chronic Rhinosinusitis Patients. Otolaryngology - Head and Neck Surgery, 2017, 156, 893-900.	1.1	46
1222	Invasive Ductal Carcinoma Arising in Mucinous Cystic Neoplasm of Pancreas: A Case Report. American Journal of Case Reports, 2019, 20, 242-247.	0.3	8
1223	BeWith: A Between-Within method to discover relationships between cancer modules via integrated analysis of mutual exclusivity, co-occurrence and functional interactions. PLoS Computational Biology, 2017, 13, e1005695.	1.5	38
1224	A Potential Role for Drosophila Mucins in Development and Physiology. PLoS ONE, 2008, 3, e3041.	1.1	93

#	ARTICLE	IF	CITATIONS
1225	CA125/MUC16 Is Dispensable for Mouse Development and Reproduction. PLoS ONE, 2009, 4, e4675.	1.1	34
1226	Up-Regulation of MUC2 and IL-1 β Expression in Human Colonic Epithelial Cells by Shigella and Its Interaction with Mucins. PLoS ONE, 2011, 6, e27046.	1.1	24
1227	EGFR-Mediated Carcinoma Cell Metastasis Mediated by Integrin α v β 5 Depends on Activation of c-Src and Cleavage of MUC1. PLoS ONE, 2012, 7, e36753.	1.1	33
1228	Expression of MUC17 Is Regulated by HIF1 α -Mediated Hypoxic Responses and Requires a Methylation-Free Hypoxia Responsible Element in Pancreatic Cancer. PLoS ONE, 2012, 7, e44108.	1.1	21
1229	MUC5B Leads to Aggressive Behavior of Breast Cancer MCF7 Cells. PLoS ONE, 2012, 7, e46699.	1.1	44
1230	High Beta-Palmitate Fat Controls the Intestinal Inflammatory Response and Limits Intestinal Damage in Mucin Muc2 Deficient Mice. PLoS ONE, 2013, 8, e65878.	1.1	25
1231	Glycan Elongation Beyond the Mucin Associated Tn Antigen Protects Tumor Cells from Immune-Mediated Killing. PLoS ONE, 2013, 8, e72413.	1.1	41
1232	Novel Pancreatic Cancer Cell Lines Derived from Genetically Engineered Mouse Models of Spontaneous Pancreatic Adenocarcinoma: Applications in Diagnosis and Therapy. PLoS ONE, 2013, 8, e80580.	1.1	109
1233	MUC5AC Upstream Complex Repetitive Region Length Polymorphisms Are Associated with Susceptibility and Clinical Stage of Gastric Cancer. PLoS ONE, 2014, 9, e98327.	1.1	5
1234	Swab Sample Transfer for Point-Of-Care Diagnostics: Characterization of Swab Types and Manual Agitation Methods. PLoS ONE, 2014, 9, e105786.	1.1	38
1235	Associations of Genetic Variants in the PSCA, MUC1 and PLCE1 Genes with Stomach Cancer Susceptibility in a Chinese Population. PLoS ONE, 2015, 10, e0117576.	1.1	26
1236	Expression of the Carboxy-Terminal Portion of MUC16/CA125 Induces Transformation and Tumor Invasion. PLoS ONE, 2015, 10, e0126633.	1.1	41
1237	Interactions between the breast cancer-associated MUC1 mucins and C-type lectin characterized by optical tweezers. PLoS ONE, 2017, 12, e0175323.	1.1	12
1238	Advances of MUC1 as a target for breast cancer immunotherapy. Histology and Histopathology, 2007, 22, 905-22.	0.5	38
1239	The MUC gene family: their role in the diagnosis and prognosis of gastric cancer. Histology and Histopathology, 2008, 23, 1541-52.	0.5	37
1240	GALNT6 promotes breast cancer metastasis by increasing mucin-type O-glycosylation of β 2M. Aging, 2020, 12, 11794-11811.	1.4	22
1241	A tumor specific antibody to aid breast cancer screening in women with dense breast tissue. Genes and Cancer, 2017, 8, 536-549.	0.6	28
1242	Altered glycosylation of MUC1 influences its association with CIN85: the role of this novel complex in cancer cell invasion and migration. Oncotarget, 2013, 4, 1686-1697.	0.8	37

#	ARTICLE	IF	CITATIONS
1243	Prognostic role of N-Acetylgalactosaminyltransferase 10 in metastatic renal cell carcinoma. <i>Oncotarget</i> , 2017, 8, 14995-15003.	0.8	4
1244	Genomic alterations in mucins across cancers. <i>Oncotarget</i> , 2017, 8, 67152-67168.	0.8	37
1245	SLC3A2, antigen of mAb 3G9, promotes migration and invasion by upregulating of mucins in gastric cancer. <i>Oncotarget</i> , 2017, 8, 88586-88598.	0.8	12
1246	Prognostic and clinicopathological significance of MUC expression in head and neck cancer: a systematic review and meta-analysis. <i>Oncotarget</i> , 2017, 8, 96359-96372.	0.8	10
1247	Nicotine and oxidative stress induced exomic variations are concordant and overrepresented in cancer-associated genes. <i>Oncotarget</i> , 2014, 5, 4788-4798.	0.8	28
1248	Targeting G-protein coupled receptor-related signaling pathway in a murine xenograft model of appendiceal pseudomyxoma peritonei. <i>Oncotarget</i> , 2017, 8, 106888-106900.	0.8	19
1249	SMAD4-independent activation of TGF- β 2 signaling by MUC1 in a human pancreatic cancer cell line. <i>Oncotarget</i> , 2018, 9, 6897-6910.	0.8	22
1250	Up-regulation of C1GALT1 promotes breast cancer cell growth through MUC1-C signaling pathway. <i>Oncotarget</i> , 2015, 6, 6123-6135.	0.8	55
1251	Carboxyl-terminal domain of MUC16 imparts tumorigenic and metastatic functions through nuclear translocation of JAK2 to pancreatic cancer cells. <i>Oncotarget</i> , 2015, 6, 5772-5787.	0.8	66
1252	Novel agents for advanced pancreatic cancer. <i>Oncotarget</i> , 2015, 6, 39521-39537.	0.8	29
1253	The generation and analyses of a novel combination of recombinant adenovirus vaccines targeting three tumor antigens as an immunotherapeutic. <i>Oncotarget</i> , 2015, 6, 31344-31359.	0.8	32
1254	Tumor necrosis factor- α and interferon- γ stimulate MUC16 (CA125) expression in breast, endometrial and ovarian cancers through NF- κ B. <i>Oncotarget</i> , 2016, 7, 14871-14884.	0.8	44
1255	Identification of FRA-1 as a novel player in pancreatic cancer in cooperation with a MUC1: ERK signaling axis. <i>Oncotarget</i> , 2016, 7, 39996-40011.	0.8	11
1256	Polypeptide N-acetylgalactosaminyltransferase-6 expression independently predicts poor overall survival in patients with lung adenocarcinoma after curative resection. <i>Oncotarget</i> , 2016, 7, 54463-54473.	0.8	28
1257	Aberrant methylation of <i>MUC1</i> and <i>MUC4</i> promoters are potential prognostic biomarkers for pancreatic ductal adenocarcinomas. <i>Oncotarget</i> , 0, 7, 42553-42565.	0.8	50
1258	Mucin-based Targeted Pancreatic Cancer Therapy. <i>Current Pharmaceutical Design</i> , 2012, 18, 2472-2481.	0.9	83
1259	Aptamers as Targeting Delivery Devices or Anti-cancer Drugs for Fighting Tumors. <i>Current Drug Metabolism</i> , 2013, 14, 565-582.	0.7	24
1260	Effects of Stress on the Mucus-microbial Interactions in the Gut. <i>Current Protein and Peptide Science</i> , 2018, 20, 155-163.	0.7	11

#	ARTICLE	IF	CITATIONS
1261	Novel Antigen Targets for Immunotherapy of Acute Myeloid Leukemia. <i>Current Drug Targets</i> , 2017, 18, 296-303.	1.0	14
1262	Emerging Role of Mucins in Epithelial to Mesenchymal Transition. <i>Current Cancer Drug Targets</i> , 2013, 13, 945-956.	0.8	45
1263	Targeting MUC15 Protein in Cancer: Molecular Mechanisms and Therapeutic Perspectives. <i>Current Cancer Drug Targets</i> , 2020, 20, 647-653.	0.8	6
1264	Phytochemicals: Key to Effective Anticancer Drugs. <i>Mini-Reviews in Organic Chemistry</i> , 2019, 16, 141-158.	0.6	7
1265	Development and In Vitro Characterization of a Gemcitabine-loaded MUC4-targeted Immunoliposome Against Pancreatic Ductal Adenocarcinoma. <i>Anticancer Research</i> , 2017, 37, 6031-6039.	0.5	10
1266	Expression of MUC1 mucin in human umbilical vein endothelial cells (HUVEC).. <i>Folia Histochemica Et Cytobiologica</i> , 2010, 48, 417-24.	0.6	9
1267	The immunomodulating roles of glycoproteins in epithelial ovarian cancer. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 631.	0.9	4
1268	Molecular Targeted Intervention for Pancreatic Cancer. <i>Cancers</i> , 2015, 7, 1499-1542.	1.7	30
1269	Mucin-type O-glycans in Human Cancer: Altered Structures and Biological Functions*. <i>Progress in Biochemistry and Biophysics</i> , 2010, 37, 475-483.	0.3	1
1270	sTn is a Novel Biomarker for Type 1/2 Endometrial Carcinoma*. <i>Progress in Biochemistry and Biophysics</i> , 2012, 39, 548-555.	0.3	2
1271	KL-6 mucin expression in carcinoma of the ampulla of Vater: Association with cancer progression. <i>World Journal of Gastroenterology</i> , 2005, 11, 5450.	1.4	14
1272	Clinical significance of subcellular localization of KL-6 mucin in primary colorectal adenocarcinoma and metastatic tissues. <i>World Journal of Gastroenterology</i> , 2006, 12, 54.	1.4	28
1273	Modifier-concept of colorectal carcinogenesis: Lipidomics as a technical tool in pathway analysis. <i>World Journal of Gastroenterology</i> , 2010, 16, 1820.	1.4	6
1274	Spectrum of mucin-producing neoplastic conditions of the abdomen and pelvis: Cross-sectional imaging evaluation. <i>World Journal of Gastroenterology</i> , 2011, 17, 4757.	1.4	46
1275	Molecular pathology of intraductal papillary mucinous neoplasms of the pancreas. <i>World Journal of Gastroenterology</i> , 2014, 20, 10008.	1.4	21
1276	Glycoproteins and glycoproteomics in pancreatic cancer. <i>World Journal of Gastroenterology</i> , 2016, 22, 9288.	1.4	59
1277	Intestinal permeability in the pathogenesis of liver damage: From non-alcoholic fatty liver disease to liver transplantation. <i>World Journal of Gastroenterology</i> , 2019, 25, 4814-4834.	1.4	101
1278	Luteolin alters MUC1 extracellular domain, sT antigen, ADAM17, IL8, IL10 and NF- κ B expression in <i>Helicobacter pylori</i> -infected gastric cancer CRL1739 cells: A preliminary study. <i>Biomedical Reports</i> , 2020, 14, 19.	0.9	15

#	ARTICLE	IF	CITATIONS
1279	Overexpression of MUC16 predicts favourable prognosis in MUC16-mutant cervical cancer related to immune response. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 1725-1733.	0.8	6
1280	Atonal bHLH transcription factor 1 is an important factor for maintaining the balance of cell proliferation and differentiation in tumorigenesis (Review). <i>Oncology Letters</i> , 2020, 20, 2595-2605.	0.8	8
1281	Mucin1 expression in focal epidermal dysplasia of actinic keratosis. <i>Annals of Translational Medicine</i> , 2015, 3, 245.	0.7	5
1282	Recent Advances in Electrophoresis of Mucins. <i>Trends in Glycoscience and Glycotechnology</i> , 2012, 24, 137-151.	0.0	3
1283	Expression of Mucin 4 in leukoplakia and oral squamous cell carcinoma: An immunohistochemical study. <i>Journal of Oral and Maxillofacial Pathology</i> , 2014, 18, 25.	0.3	13
1284	Expression of MUC1 mucin in potentially malignant disorders, oral squamous cell carcinoma and normal oral mucosa: An immunohistochemical study. <i>Journal of Oral and Maxillofacial Pathology</i> , 2016, 20, 214.	0.3	12
1285	Do mesothelin/MUC16 interactions facilitate adenocarcinoma metastases to intracranial meningiomas?. , 2016, 7, 1049.		4
1286	Immunohistochemical expression profiles of MUC1 and MUC2 mucins in urothelial tumors of bladder. <i>Indian Journal of Pathology and Microbiology</i> , 2018, 61, 350.	0.1	7
1287	Expression of MUC1 and MUC4 in Gallbladder Adenocarcinoma. <i>Korean Journal of Pathology</i> , 2012, 46, 429.	1.2	9
1288	Mucin Histochemistry in Tumours of Colon, Ovaries and Lung. <i>Journal of Cytology & Histology</i> , 2012, 03, .	0.1	8
1289	Quranic Verse No. 8 of Surat Al-Jumu'ah Describes Cancer as a Complete and Accurate Description and Leads Us to Determine the True Cause of Cancer. "Part-1", <i>CellBio</i> , 2018, 07, 1-11.	1.3	5
1290	Detection of Circulating Tumor Cells in Patients with Breast, Prostate, Pancreatic, Colon and Melanoma Cancer: A Blinded Comparative Study Using Healthy Donors. <i>Journal of Cancer Therapy</i> , 2015, 06, 543-553.	0.1	6
1291	Pathological features and diagnosis of intraductal papillary mucinous neoplasm of the pancreas. <i>World Journal of Gastrointestinal Oncology</i> , 2014, 6, 311.	0.8	76
1292	Polymorphisms in mucin genes in the development of gastric cancer. <i>World Journal of Gastrointestinal Oncology</i> , 2015, 7, 328.	0.8	14
1293	Immunotherapeutic approaches in biliary tract carcinoma: Current status and emerging strategies. <i>World Journal of Gastrointestinal Oncology</i> , 2015, 7, 338.	0.8	41
1294	Mucins in neoplasms of pancreas, ampulla of Vater and biliary system. <i>World Journal of Gastrointestinal Oncology</i> , 2016, 8, 725.	0.8	23
1295	The characterisation of mucin in a mature ovarian teratoma occurring in an eight year old patient. <i>International Journal of Medical Sciences</i> , 2007, 4, 115-123.	1.1	2
1296	Clinical Application of Serum Tumor Associated Material (TAM) from Non-small Cell Lung Cancer Patients. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 301-304.	0.5	50

#	ARTICLE	IF	CITATIONS
1297	Clinicopathological and Prognostic Significance of MUC-2, MUC-4 and MUC-5AC Expression in Japanese Gastric Carcinomas. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 6447-6453.	0.5	11
1298	Comparison of Serum Tumor Associated Material (TAM) with Conventional Biomarkers in Cancer Patients. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 2399-2403.	0.5	47
1299	The antimicrobial peptide defensin cooperates with tumour necrosis factor to drive tumour cell death in <i>Drosophila</i> . <i>ELife</i> , 2019, 8, .	2.8	64
1300	Attomolar analyte sensing techniques (AttoSens): a review on a decade of progress on chemical and biosensing nanoplatfoms. <i>Chemical Society Reviews</i> , 2021, 50, 13012-13089.	18.7	25
1301	Autosomal Dominant Tubulointerstitial Kidney Disease. , 2021, , 1-39.		0
1302	A Possible Inhibitory Role of Sialic Acid on MUC1 in Peritoneal Dissemination of Clear Cell-Type Ovarian Cancer Cells. <i>Molecules</i> , 2021, 26, 5962.	1.7	3
1303	Mucin1 and Mucin16: Therapeutic Targets for Cancer Therapy. <i>Pharmaceuticals</i> , 2021, 14, 1053.	1.7	35
1304	Therapeutic antibodies â€œ natural and pathological barriers and strategies to overcome them. , 2022, 233, 108022.		15
1305	A topography of immunotherapies against gastrointestinal malignancies. <i>Panminerva Medica</i> , 2022, 64, .	0.2	3
1306	Harnessing the immune system against cancer: current immunotherapy approaches and therapeutic targets. <i>Molecular Biology Reports</i> , 2021, 48, 8075-8095.	1.0	40
1307	G<i>Î±</i>sâ€™Protein Kinase A (PKA) Pathway Signalopathies: The Emerging Genetic Landscape and Therapeutic Potential of Human Diseases Driven by Aberrant G<i>Î±</i>s-PKA Signaling. <i>Pharmacological Reviews</i> , 2021, 73, 1326-1368.	7.1	27
1308	<i>Mucus</i> . , 2006, , 86-89.		0
1309	Adenovirus-Mediated and Targeted Expression of the Sodium-Iodide Symporter Permits In Vivo Radioiodide Imaging and Therapy of Pancreatic Tumors. <i>Human Gene Therapy</i> , 2006, .	1.4	0
1310	Muc4. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	0
1311	Ultra-Structural and Molecular Aspects of Laryngopharyngeal Reflux. <i>Korean Journal of Otolaryngology - Head and Neck Surgery</i> , 2009, 52, 394.	0.1	3
1312	Extrahepatic Bile Duct Carcinoma: Mucin 4, a Poor Prognostic Factor. , 2009, , 451-459.		0
1314	Ovarian Carcinoma: Diagnostic Immunohistochemistry of MUCIN4 (MUC4). , 2010, , 13-21.		0
1315	Applications of Antibody-Lectin Sandwich Arrays (ALSA) to Pancreatic Cancer Diagnostics and Drug Discovery. , 2010, , 243-269.		0

#	ARTICLE	IF	CITATIONS
1316	Glycobiology. , 2011, , 1565-1569.		0
1317	Mucins. , 2011, , 2386-2389.		0
1318	Glycosylation. , 2011, , 1571-1575.		0
1319	Immunohistochemical Profile of Mucins in Gastric Carcinoma. , 0, , .		1
1320	Exploring the Utility of Carbohydrate Associated Transferase Activities as Potential Tumor Markers for Human Gastric Cancer. , 0, , .		0
1321	Lentivirus-mediated RNA Interference of ppGalNAc-T2 Gene Expression Inhibit Proliferation and Migration of Jurkat Cell Line*. Progress in Biochemistry and Biophysics, 2011, 38, 737-743.	0.3	0
1322	Signaling of Infectious Growth in Fusarium oxysporum. Topics in Current Genetics, 2012, , 61-79.	0.7	0
1323	Glycosylation in Health and Disease. , 2011, , .		0
1324	Immunotherapy of the Pancreatic Cancer. , 0, , .		0
1325	Molecular Imaging of Ovarian Carcinoma. , 2013, , 479-496.		0
1326	Pseudomyxoma Peritonei: Uninvited Goblet Cells, Ectopic MUC2. Journal of Glycobiology, 2013, 01, .	0.2	0
1327	MUC2 mRNA detection in peripheral blood and bone marrow of breast cancer patients reveals micrometastasis. Natural Science, 2013, 05, 38-43.	0.2	0
1328	Mucin-Related Molecular Responses of Bronchial Epithelial Cells in Rats Infected with the Nematode Nippostrongylus brasiliensis. ISRN Parasitology, 2013, 2013, 1-8.	0.6	1
1329	Physiological and Histological Studies on the Effect of Melittin on Mice Jejunum. Biosciences, Biotechnology Research Asia, 2013, 10, 111-118.	0.2	0
1331	DF3 epitope expression on MUC1 mucin is associated with tumor aggressiveness, subsequent lymph node metastasis, and poor prognosis in oral squamous cell carcinoma. Nihon Koku Geka Gakkai Zasshi, 2014, 60, 162-176.	0.0	0
1332	Glycobiology and Cancer. , 2014, , 1-5.		0
1333	Supported Molecular Matrix Electrophoresis. , 2014, , 1-7.		0
1334	Supported Molecular Matrix Electrophoresis Electrophoresis. , 2015, , 94-101.		0

#	ARTICLE	IF	CITATIONS
1336	Mucins. , 2015, , 1-4.		0
1337	Mucins. , 2015, , 2937-2940.		0
1338	Synthesis of a MUC1 Mucin Cyclic Dimer Peptide and Its Antibody Binding Properties as Revealed by STD-NMR. American Journal of Undergraduate Research, 2015, 12, .	0.3	0
1339	Peritoneal Dissemination of Gastrointestinal Tumors. , 2016, , 1-41.		1
1340	Immune Response After Campylobacter spp. Infection in Poultry. , 2016, , 59-74.		0
1341	A Novel Approach to Peritoneal Dissemination of Mucin-Expressing Malignancies of Gastrointestinal Origin. , 2016, , 99-158.		0
1342	Glycobiology and Cancer. , 2016, , 1928-1932.		0
1343	Glycosylation. , 2016, , 1933-1937.		0
1345	Chorionic villi carbohydrate determinants study in early pregnancy loss.. Morphologia, 2016, 10, 170-175.	0.1	0
1346	The Comparison of Monte Carlo Algorithms Applied for Off-Lattice Models of Polymer Chains. Computational Methods in Science and Technology, 2016, 22, 179-185.	0.3	0
1347	Predictive Circulating Markers for Anthracycline Chemotherapy in Nonmetastatic Breast Cancer. Acta Endocrinologica, 2017, 13, 209-214.	0.1	6
1348	Mucin Production Correlates with Dual Expression of Epidermal Growth Factor Receptor and Its Ligand the Epidermal Growth Factor in Non-Small Cell Lung Cancer. Archives of Pulmonology and Respiratory Care, 2017, 3, 025-031.	0.1	0
1349	Gut health and susceptibility to enteric bacterial diseases in poultry. Burleigh Dodds Series in Agricultural Science, 2017, , 13-38.	0.1	0
1350	Quranic Verse No. 8 of Surat Al-Jumu'ah Leads Us to Describe Cancer and Determine its True Cause (Part-II). CellBio, 2018, 08, 13-22.	1.3	3
1355	Bispecific Antibodies in Clinical Practice and Clinical Trials (Literature Review). Klinicheskaya Onkogematologiya/Clinical Oncohematology, 2019, 12, 25-44.	0.1	1
1358	CLINICAL SIGNIFICANCE OF HISTOCHEMICAL EXPRESSION OF MUCINS IN COLORECTAL ADENOCARCINOMA. Acta Medica Medianae, 2019, , 49-59.	0.0	0
1360	Correlation between salivary and serum CA15 ³ concentrations in patients with breast cancer. Molecular and Clinical Oncology, 2020, 13, 155-161.	0.4	6
1363	An efficient and safe MUC1-dendritic cell-derived exosome conjugate vaccine elicits potent cellular and humoral immunity and tumor inhibition in vivo. Acta Biomaterialia, 2022, 138, 491-504.	4.1	27

#	ARTICLE	IF	CITATIONS
1364	The glycocalyx and immune evasion in cancer. FEBS Journal, 2023, 290, 55-65.	2.2	18
1365	Advances in Surface Enhanced Raman Spectroscopy for <i>in Vivo</i> Imaging in Oncology. Nanotheranostics, 2022, 6, 31-49.	2.7	15
1366	The Pathological Spectrum of Mucinous Appendiceal Tumours and Pseudomyxoma Peritonei. , 2020, , 131-161.		1
1367	Novel use of bromelain in the management of infected prosthetic surgical mesh after ventral hernia repair. International Journal of Abdominal Wall and Hernia Surgery, 2020, 3, 34.	0.3	0
1368	Cell Fleeing from Death Phenomenon. CellBio, 2020, 09, 1-13.	1.3	5
1369	Effects of Long-Term In Vitro Expansion on Genetic Stability and Tumor Formation Capacity of Stem Cells. Stem Cell Reviews and Reports, 2021, , 1.	1.7	1
1372	Inhibition of MUC1-C Increases ROS and Cell Death in Mouse Embryonic Stem Cells. International Journal of Stem Cells, 2020, 14, 180-190.	0.8	4
1373	Nucleic acid aptamers for targeting of shRNA-based cancer therapeutics. Biologics: Targets and Therapy, 2007, 1, 367-76.	3.0	17
1376	CA 19-9 and pancreatic cancer. Clinical Advances in Hematology and Oncology, 2013, 11, 53-5.	0.3	29
1377	Quantification of MUCIN 1, cell surface associated and MUCIN16, cell surface associated proteins in tears and conjunctival epithelial cells collected from postmenopausal women. Molecular Vision, 2013, 19, 970-9.	1.1	4
1378	Diagnostic and therapeutic implications of a novel immunohistochemical panel detecting duodenal mucosal invasion by pancreatic ductal adenocarcinoma. International Journal of Clinical and Experimental Pathology, 2013, 6, 2476-86.	0.5	6
1380	Colorectal cancer immunotherapy. Discovery Medicine, 2013, 15, 301-8.	0.5	52
1382	GalNAc-T6 in the relationship with invasion ability of endometrial carcinomas and prognostic significance. American Journal of Cancer Research, 2017, 7, 1188-1197.	1.4	3
1384	Mucin-4: A novel marker for oral cancer. Journal of Oral and Maxillofacial Pathology, 2019, 23, 49-53.	0.3	3
1385	Role of rs4072037 polymorphism in gastric cancer: a meta-analysis. International Journal of Clinical and Experimental Pathology, 2020, 13, 465-472.	0.5	3
1386	The Protein Landscape of Mucinous Ovarian Cancer: Towards a Theranostic. Cancers, 2021, 13, 5596.	1.7	6
1387	Finding the sweet spot: glycosylation mediated regulation of intestinal inflammation. Mucosal Immunology, 2022, 15, 211-222.	2.7	19
1388	Novel insights into the roles and therapeutic implications of MUC1 oncoprotein via regulating proteins and non-coding RNAs in cancer. Theranostics, 2022, 12, 999-1011.	4.6	5

#	ARTICLE	IF	CITATIONS
1389	Human ocular mucins: The endowed guardians of sight. <i>Advanced Drug Delivery Reviews</i> , 2022, 180, 114074.	6.6	10
1390	Molecular docking analysis of compounds from <i>Justica adhatoda</i> L with the MUC1 oncoprotein. <i>Bioinformation</i> , 2020, 16, 937-941.	0.2	0
1391	Antagonistic Roles of the Tumor Suppressor miR-210-3p and Oncomucin MUC4 Forming a Negative Feedback Loop in Pancreatic Adenocarcinoma. <i>Cancers</i> , 2021, 13, 6197.	1.7	2
1392	Comparison of mucin-1 in human breast cancer and canine mammary gland tumor: a review study. <i>Cancer Cell International</i> , 2022, 22, 14.	1.8	3
1393	A Randomized Phase II Trial of mFOLFOX6 + Bevacizumab Alone or with AdCEA Vaccine + Avelumab Immunotherapy for Untreated Metastatic Colorectal Cancer. <i>Oncologist</i> , 2022, 27, 198-209.	1.9	18
1395	High-speed rail model reveals the gene tandem amplification mediated by short repeated sequence in eukaryote. <i>Scientific Reports</i> , 2022, 12, 2289.	1.6	0
1396	Human β -Defensin 2 (HBD-2) Displays Oncolytic Activity but Does Not Affect Tumour Cell Migration. <i>Biomolecules</i> , 2022, 12, 264.	1.8	9
1397	MUC1 Specific Immune Responses Enhanced by Coadministration of Liposomal DDA/MPLA and Lipoglycopeptide. <i>Frontiers in Chemistry</i> , 2022, 10, 814880.	1.8	6
1398	Glutathione functionalized magnetic covalent organic frameworks with dual-hydrophilicity for highly efficient and selective enrichment of glycopeptides. <i>Journal of Chromatography A</i> , 2022, 1667, 462869.	1.8	13
1401	Peptide-based vaccines. , 2022, , 155-173.		0
1402	Glycosylation in cancer: its application as a biomarker and recent advances of analytical techniques. <i>Glycoconjugate Journal</i> , 2022, 39, 303-313.	1.4	11
1403	MUC1 is a potential target to overcome trastuzumab resistance in breast cancer therapy. <i>Cancer Cell International</i> , 2022, 22, 110.	1.8	13
1404	Biology, Significance and Immune Signaling of Mucin 1 in Hepatocellular Carcinoma. <i>Current Cancer Drug Targets</i> , 2022, 22, 725-740.	0.8	3
1405	Comparative microanatomical and histochemical biodistribution profiles of different types of mucins in the intestinal mucosa of some tetrapod representatives. <i>Journal of Molecular Histology</i> , 2022, , 1.	1.0	1
1406	LYPD3, a New Biomarker and Therapeutic Target for Acute Myelogenous Leukemia. <i>Frontiers in Genetics</i> , 2022, 13, 795820.	1.1	3
1407	Chemokine-mucinome interplay in shaping the heterogeneous tumor microenvironment of pancreatic cancer. <i>Seminars in Cancer Biology</i> , 2022, 86, 511-520.	4.3	9
1408	Synthesis of 2-deoxy mucin-type O-glycan analogues as biological probes. <i>Carbohydrate Research</i> , 2022, 514, 108542.	1.1	1
1409	Exploring the glycosylation of mucins by use of O-glycodomain reporters recombinantly expressed in glycoengineered HEK293 cells. <i>Journal of Biological Chemistry</i> , 2022, 298, 101784.	1.6	14

#	ARTICLE	IF	CITATIONS
1410	Safety and preliminary activity results of the GATTO study, a phase Ib study combining the anti-TA-MUC1 antibody gatipotuzumab with the anti-EGFR tomuzotuximab in patients with refractory solid tumors. ESMO Open, 2022, 7, 100447.	2.0	6
1411	Survival Advantage Following TAG-72 Antigen-Directed Cancer Surgery in Patients With Colorectal Carcinoma: Proposed Mechanisms of Action. Frontiers in Oncology, 2021, 11, 731350.	1.3	5
1412	Whole-Exome Sequencing of HPV Positive Tonsillar and Base of Tongue Squamous Cell Carcinomas Reveals a Global Mutational Pattern along with Relapse-Specific Somatic Variants. Cancers, 2022, 14, 77.	1.7	4
1413	Characterization of recombinant \hat{I}^2 subunit of human MUC4 mucin (rMUC4 \hat{I}^2). Scientific Reports, 2021, 11, 23730.	1.6	4
1414	ImmunopET of Ovarian and Pancreatic Cancer with AR9.6, a Novel MUC16-Targeted Therapeutic Antibody. Clinical Cancer Research, 2022, 28, 948-959.	3.2	11
1415	Metabolic "footprints" of the circulating cancer mucins: CA125 in the high-grade ovarian cancer. Bulletin of Russian State Medical University, 2021, , .	0.3	0
1416	Therapeutic Vaccines Targeting Neoantigens to Induce T-Cell Immunity against Cancers. Pharmaceutics, 2022, 14, 867.	2.0	9
1417	Prognosis of cancer. , 0, , 473-498.		0
1431	Surface Modification of Lipid-Based Nanoparticles. ACS Nano, 2022, 16, 7168-7196.	7.3	49
1432	CK20 and lymph node involvement predict adverse outcome of malignant intraductal papillary neoplasm of the bile duct. Histology and Histopathology, 2020, 35, 449-456.	0.5	2
1433	Mucin-4: A novel marker for oral cancer. Journal of Oral and Maxillofacial Pathology, 2019, 23, 49.	0.3	3
1434	MUC20 as a novel prognostic biomarker in ccRCC correlating with tumor immune microenvironment modulation.. American Journal of Cancer Research, 2022, 12, 695-712.	1.4	0
1435	Identification, diversity and domain structure analysis of mucin and mucin-like genes in sea anemone <i>Actinia tenebrosa</i> . PeerJ, 2022, 10, e13292.	0.9	2
1436	The Role and Function of Mucins and Its Relationship to Inflammatory Bowel Disease. Frontiers in Medicine, 2022, 9, .	1.2	28
1437	MUC21 controls melanoma progression via regulating SLITRK5 and hedgehog signaling pathway. Cell Biology International, 2022, 46, 1458-1467.	1.4	2
1438	Membrane curvature regulates the spatial distribution of bulky glycoproteins. Nature Communications, 2022, 13, .	5.8	19
1441	Microenvironment-Dependent Endothelial Cell Glycosylation Influence on Angiogenesis and Cancer Spreading. , 2022, 9, 19-34.		1
1442	Unique Glycoform-Dependent Monoclonal Antibodies for Mouse Mucin 21. International Journal of Molecular Sciences, 2022, 23, 6718.	1.8	2

#	ARTICLE	IF	CITATIONS
1443	Construction of an Expression Classifier Based on an Immune-related Ten-gene Panel for Rapid Diagnosis of Papillary Thyroid Carcinoma Risks. <i>Current Bioinformatics</i> , 2022, 17, 924-936.	0.7	0
1444	Revealing the human mucinome. <i>Nature Communications</i> , 2022, 13, .	5.8	40
1445	Prognostic Impact of Radiation Therapy in Pure Mucinous Breast Carcinoma. <i>Clinical Breast Cancer</i> , 2022, , .	1.1	2
1446	Multiple-Aptamer-Integrated DNA-Origami-Based Chemical Nose Sensors for Accurate Identification of Cancer Cells. <i>Analytical Chemistry</i> , 2022, 94, 10192-10197.	3.2	8
1447	MR Prediction of Malignant Switch With the Cyst Fluid's T2 Value in Intraductal Papillary Mucinous Neoplasm of the Pancreas: A Preliminary Study. <i>Anticancer Research</i> , 2022, 42, 3895-3903.	0.5	1
1448	Human Malignant Rhabdoid Tumor Antigens as Biomarkers and Potential Therapeutic Targets. <i>Cancers</i> , 2022, 14, 3685.	1.7	5
1449	Chemoradiation-induced alteration of programmed death-ligand 1, CD8+ tumor-infiltrating lymphocytes and mucin expression in rectal cancer. <i>Oncotarget</i> , 2022, 13, 907-917.	0.8	1
1450	Bidirectional Relationship Between Cancer and Heart Failure: Insights on Circulating Biomarkers. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	8
1451	Si-Wu Water Extracts Protect against Colonic Mucus Barrier Damage by Regulating Muc2 Mucin Expression in Mice Fed a High-Fat Diet. <i>Foods</i> , 2022, 11, 2499.	1.9	3
1452	Mucus interaction to improve gastrointestinal retention and pharmacokinetics of orally administered nano-drug delivery systems. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	4.2	40
1453	Sequential evaluation of MUC promoter methylation using next-generation sequencing-based custom-made panels in liquid-based cytology specimens of pancreatic cancer. <i>Diagnostic Cytopathology</i> , 2022, 50, 499-507.	0.5	5
1454	Intercellular Receptor-ligand Binding: Effect of Protein-membrane Interaction. <i>Journal of Molecular Biology</i> , 2022, , 167787.	2.0	13
1455	Recent advances on drug delivery applications of mucopenetrative/mucoadhesive particles: A review. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 75, 103712.	1.4	6
1457	Multiple cystic sphere formation from PK-8 cells in three-dimensional culture. <i>Biochemistry and Biophysics Reports</i> , 2022, 32, 101339.	0.7	2
1458	Autosomal Dominant Tubulointerstitial Kidney Disease. , 2022, , 1253-1291.		0
1459	Analysis of MUC6 Genetic Variants on the Clinicopathologic Characteristics of Patients with Hepatocellular Carcinoma. <i>Journal of Cancer</i> , 2022, 13, 3251-3257.	1.2	2
1460	Whole exome sequencing of high-risk neuroblastoma identifies novel non-synonymous variants. <i>PLoS ONE</i> , 2022, 17, e0273280.	1.1	2
1461	Synthesis of cholera toxin B subunit glycoconjugates using site-specific orthogonal oxime and sortase ligation reactions. <i>Frontiers in Chemistry</i> , 0, 10, .	1.8	3

#	ARTICLE	IF	CITATIONS
1462	Glycan-RNA: a new class of non-coding RNA. <i>BIO Integration</i> , 2022, 3, .	0.9	0
1463	Glycoconjugates: Synthesis, Functional Studies, and Therapeutic Developments. <i>Chemical Reviews</i> , 2022, 122, 15603-15671.	23.0	38
1464	Mucin 1 aggravates synovitis and joint damage of rheumatoid arthritis by regulating inflammation and aggression of fibroblast-like synoviocytes. <i>Bone and Joint Research</i> , 2022, 11, 639-651.	1.3	3
1465	Construction of a Recyclable DNAzyme Motor for MUC1-Specific Glycoform <i>In Situ</i> Quantification. <i>Analytical Chemistry</i> , 2022, 94, 13745-13752.	3.2	5
1467	Squaraine Dyes as Fluorescent Turn-On Probes for Mucins: A Step Toward Selectivity. <i>Photochemistry and Photobiology</i> , 2023, 99, 562-569.	1.3	2
1468	Qualitative analysis of protein antigen in bird exposed asthma patients by high-performance liquid chromatography method. <i>Indian Journal of Allergy Asthma and Immunology</i> , 2021, 35, 55.	0.1	0
1469	Measuring the multifaceted roles of mucin-domain glycoproteins in cancer. <i>Advances in Cancer Research</i> , 2022, , .	1.9	3
1470	Research progress of bile biomarkers and their immunoregulatory role in biliary tract cancers. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	5
1471	Protective mucus effect of the crude fraction of the mucus produced by the zoanthide <i>Palythoa caribaeorum</i> . <i>Tissue and Cell</i> , 2022, 79, 101957.	1.0	0
1472	Live-cell RNA imaging using the CRISPR-dCas13 system with modified sgRNAs appended with fluorescent RNA aptamers. <i>Chemical Science</i> , 2022, 13, 14032-14040.	3.7	6
1473	The effect of mucin on supersaturation of poorly water-soluble drugs with different crystallization behavior and in vitro-in vivo correlation. <i>Journal of Drug Delivery Science and Technology</i> , 2022, , 103973.	1.4	0
1474	Biodegradable PEG-PCL Nanoparticles for Co-delivery of MUC1 Inhibitor and Doxorubicin for the Confinement of Triple-Negative Breast Cancer. <i>Journal of Polymers and the Environment</i> , 2023, 31, 999-1018.	2.4	7
1475	Rapid Point-of-Care Electrochemical Sensor for the Detection of Cancer Tn Antigen Carbohydrate in Whole Unprocessed Blood. <i>ACS Sensors</i> , 2022, 7, 3379-3388.	4.0	5
1476	The role of epithelial membrane antigen (EMA) overexpression in the prognosis of prostatic adenocarcinoma. <i>Journal of Medicine and Life</i> , 2022, 15, 504-508.	0.4	0
1478	Local pH mapping in the cell adhesion nano-interfaces on a pH-responsive fluorescence-dye-immobilized substrate. <i>Analytical Sciences</i> , 0, , .	0.8	2
1479	The multifaceted role of MUC1 in tumor therapy resistance. <i>Clinical and Experimental Medicine</i> , 2023, 23, 1441-1474.	1.9	5
1480	Development and validation of prognostic nomograms in patients with gallbladder mucinous adenocarcinoma: A population-based study. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	0
1481	Understanding the Clinical Significance of MUC5AC in Biliary Tract Cancers. <i>Cancers</i> , 2023, 15, 433.	1.7	1

#	ARTICLE	IF	CITATIONS
1482	Muc4 loss mitigates epidermal growth factor receptor activity essential for PDAC tumorigenesis. <i>Oncogene</i> , 2023, 42, 759-770.	2.6	4
1483	Targeted Delivery of Sunitinib by MUC-1 Aptamer-Capped Magnetic Mesoporous Silica Nanoparticles. <i>Molecules</i> , 2023, 28, 411.	1.7	6
1484	Acquired resistance to EGFR-TKIs in NSCLC mediates epigenetic downregulation of MUC17 by facilitating NF- κ B activity via UHRF1/DNMT1 complex. <i>International Journal of Biological Sciences</i> , 2023, 19, 832-851.	2.6	4
1485	The (Sialyl) Tn antigen: Contributions to immunosuppression in gastrointestinal cancers. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	6
1486	Cancer Antigen 125 Expression Enhances the Gemcitabine/Cisplatin-Resistant Tumor Microenvironment in Bladder Cancer. <i>American Journal of Pathology</i> , 2023, 193, 350-361.	1.9	3
1487	Glycoproteins and Cancer Biomarkers. , 2023, , 195-227.		0
1488	Intraoperative oxygen tension and redox homeostasis in Pseudomyxoma peritonei: A short case series. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	0
1489	CA 15-3, CRP, and LDH correlates with prognostic parameters in canine mammary neoplasms. <i>Animal Reproduction</i> , 2023, 20, .	0.4	1
1490	Multi-omics analysis of the Indian ovarian cancer cohort revealed histotype-specific mutation and gene expression patterns. <i>Frontiers in Genetics</i> , 0, 14, .	1.1	0
1491	Glycosylated proteins with abnormal glycosylation changes are potential biomarkers for early diagnosis of breast cancer. <i>International Journal of Biological Macromolecules</i> , 2023, 236, 123855.	3.6	3
1492	PTGES Expression Is Associated with Metabolic and Immune Reprogramming in Pancreatic Ductal Adenocarcinoma. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7304.	1.8	0
1493	Immunomodulatory glycomedicine: Introducing next generation cancer glycovaccines. <i>Biotechnology Advances</i> , 2023, 65, 108144.	6.0	8
1494	A three-site recognition cytosensor based on multi-active AuIrPt polyhedral nanozymes for detection of CTCs. <i>Sensors and Actuators B: Chemical</i> , 2023, 386, 133762.	4.0	4
1495	Abnormal Glycosylation in Cancer Cells and Cancer Stem Cells as a Therapeutic Target. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 141-156.	0.8	0
1497	Histomorphometric traits, microbiota, nutrient digestibility, growth performance, carcass traits and meat quality parameters of chickens fed diets supplemented with different levels of <i>Bacillus</i> protease. <i>Journal of Applied Animal Research</i> , 2023, 51, 137-155.	0.4	1
1499	Organoids transplantation as a new modality to design epithelial signature to create a membrane-protective sulfomucin-enriched segment. <i>Journal of Gastroenterology</i> , 2023, 58, 379-393.	2.3	2
1500	Distinct sulfated glycans expressed in intrahepatic cholangiocarcinoma: a potential target for new therapy. <i>Immunotherapy</i> , 0, , .	1.0	0
1501	The sialyl-Tn antigen synthase genes regulates migration and proliferation dichotomy in prostate cancer cells under hypoxia. <i>Glycoconjugate Journal</i> , 2023, 40, 199-212.	1.4	2

#	ARTICLE	IF	CITATIONS
1502	A CRISPR-Cas and Tat Peptide with Fluorescent RNA Aptamer System for Signal Amplification in RNA Imaging. <i>Biosensors</i> , 2023, 13, 293.	2.3	1
1503	Mucus, Goblet Cell, Submucosal Gland. , 2023, , 1-14.		0
1504	The Mucin Family of Proteins: Candidates as Potential Biomarkers for Colon Cancer. <i>Cancers</i> , 2023, 15, 1491.	1.7	18
1505	Mucins as Potential Biomarkers for Early Detection of Cancer. <i>Cancers</i> , 2023, 15, 1640.	1.7	4
1506	Dexamethasone Selectively Inhibits Detachment of Metastatic Thyroid Cancer Cells during Random Positioning. <i>Cancers</i> , 2023, 15, 1641.	1.7	4
1507	Chemoenzymatic Synthesis of Glycopeptides to Explore the Role of Mucin 1 Glycosylation in Cell Adhesion. <i>ChemBioChem</i> , 0, , .	1.3	0
1508	BMAL1 regulates MUC1 overexpression in ovalbumin-induced asthma. <i>Molecular Immunology</i> , 2023, 156, 77-84.	1.0	1
1509	Tumor Progression through Interaction of Mucins with Lectins and Subsequent Signal Transduction. , 2023, , 171-211.		0
1510	Pathological implications of mucin signaling in metastasis. <i>Current Cancer Drug Targets</i> , 2023, 23, .	0.8	2
1511	Possible correlation of apical localization of MUC1 glycoprotein with luminal A-like status of breast cancer. <i>Scientific Reports</i> , 2023, 13, .	1.6	1
1512	Pattern of MUC6 expression across 119 different tumor types: A tissue microarray study on 15â€‰%412 tumors. <i>Pathology International</i> , 0, , .	0.6	0
1514	Immunotherapy and Cancer Stem Cells. , 2023, , 165-235.		0
1532	Cancer Vaccines. , 2023, , 191-210.e9.		0
1550	Pancreatic Cancer: Pursuit of Mucins from Progression to Prognosis. , 2023, , 1-19.		0
1563	Glycan-specific molecularly imprinted polymers towards cancer diagnostics: merits, applications, and future perspectives. <i>Chemical Society Reviews</i> , 2024, 53, 1870-1891.	18.7	0
1564	Protein glycosylation in cancer. , 2024, , 221-254.		0
1569	Differential Glycoform Analysis of MUC1 Derived from Biological Specimens Using an Antibody-Overlay Lectin Microarray. <i>Methods in Molecular Biology</i> , 2024, , 223-236.	0.4	0