

Isabelle Van Seuningen

List of Publications by Year in descending order

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130
papers

8,005
citations

53794

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all docs

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docs citations

133
times ranked

10930
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#	ARTICLE	IF	CITATIONS
1	Muc2-Deficient Mice Spontaneously Develop Colitis, Indicating That MUC2 Is Critical for Colonic Protection. <i>Gastroenterology</i> , 2006, 131, 117-129.	1.3	1,297
2	The regulation of intestinal mucin MUC2 expression by short-chain fatty acids: implications for epithelial protection. <i>Biochemical Journal</i> , 2009, 420, 211-219.	3.7	445
3	Pattern of recurrence following complete resection of esophageal carcinoma and factors predictive of recurrent disease. <i>Cancer</i> , 2003, 97, 1616-1623.	4.1	363
4	Colon Cancer Cells Escape 5FU Chemotherapy-Induced Cell Death by Entering Stemness and Quiescence Associated with the c-Yes/YAP Axis. <i>Clinical Cancer Research</i> , 2014, 20, 837-846.	7.0	260
5	Induction of MUC2 and MUC5AC Mucins by Factors of the Epidermal Growth Factor (EGF) Family Is Mediated by EGF Receptor/Ras/Raf/Extracellular Signal-regulated Kinase Cascade and Sp1*. <i>Journal of Biological Chemistry</i> , 2002, 277, 32258-32267.	3.4	244
6	Human Mucin Genes Assigned to 11p15.5: Identification and Organization of a Cluster of Genes. <i>Genomics</i> , 1996, 38, 340-352.	2.9	220
7	Diverse molecular interactions of the hnRNP K protein. <i>FEBS Letters</i> , 1997, 403, 113-115.	2.8	151
8	Degenerate 87-base-pair tandem repeats create hydrophilic/hydrophobic alternating domains in human mucin peptides mapped to 11p15. <i>Biochemical Journal</i> , 1993, 293, 329-337.	3.7	143
9	Human MUC2 Mucin Gene Is Transcriptionally Regulated by Cdx Homeodomain Proteins in Gastrointestinal Carcinoma Cell Lines. <i>Journal of Biological Chemistry</i> , 2003, 278, 51549-51556.	3.4	130
10	Factors Affecting Postoperative Course and Survival After En Bloc Resection for Esophageal Carcinoma. <i>Annals of Thoracic Surgery</i> , 2004, 78, 1177-1183.	1.3	129
11	Complex interplay between β -catenin signalling and Notch effectors in intestinal tumorigenesis. <i>Gut</i> , 2011, 60, 166-176.	12.1	127
12	The membrane-bound mucins: From cell signalling to transcriptional regulation and expression in epithelial cancers. <i>Biochimie</i> , 2010, 92, 1-11.	2.6	119
13	Chemotherapy-induced ileal crypt apoptosis and the ileal microbiome shape immunosurveillance and prognosis of proximal colon cancer. <i>Nature Medicine</i> , 2020, 26, 919-931.	30.7	118
14	Genomic Organization of the 3' Region of the Human Mucin Gene MUC5B. <i>Journal of Biological Chemistry</i> , 1997, 272, 16873-16883.	3.4	107
15	The K Protein Domain That Recruits the Interleukin 1-responsive K Protein Kinase Lies Adjacent to a Cluster of c-Src and Vav SH3-binding Sites. <i>Journal of Biological Chemistry</i> , 1995, 270, 26976-26985.	3.4	104
16	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.	4.1	99
17	Mucin 16 (cancer antigen 125) expression in human tissues and cell lines and correlation with clinical outcome in adenocarcinomas of the pancreas, esophagus, stomach, and colon. <i>Human Pathology</i> , 2012, 43, 1755-1763.	2.0	98
18	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.	0.9	97

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19	Esophageal Carcinoma: Prognostic Differences between Squamous Cell Carcinoma And Adenocarcinoma. <i>World Journal of Surgery</i> , 2005, 29, 39-45.	1.6	93
20	Hemidesmosome integrity protects the colon against colitis and colorectal cancer. <i>Gut</i> , 2017, 66, 1748-1760.	12.1	84
21	Sequence of the 5' flanking region and promoter activity of the human mucin gene MUC5B in different phenotypes of colon cancer cells. <i>Biochemical Journal</i> , 2000, 348, 675-686.	3.7	83
22	Resistin-like molecule $\beta 2$ regulates intestinal mucous secretion and curtails TNBS-induced colitis in mice. <i>Inflammatory Bowel Diseases</i> , 2008, 14, 931-941.	1.9	82
23	Transcriptional regulation of the 11p15 mucin genes. towards new biological tools in human therapy, in inflammatory diseases and cancer?. <i>Frontiers in Bioscience - Landmark</i> , 2001, 6, d1216.	3.0	79
24	MUC1 drives epithelial-mesenchymal transition in renal carcinoma through Wnt/ $\beta 2$ -catenin pathway and interaction with SNAIL promoter. <i>Cancer Letters</i> , 2014, 346, 225-236.	7.2	77
25	Characterization of Human Mucin Gene MUC4 Promoter. <i>Journal of Biological Chemistry</i> , 2001, 276, 30923-30933.	3.4	76
26	Mucins and Pancreatic Cancer. <i>Cancers</i> , 2010, 2, 1794-1812.	3.7	75
27	Zik1, a Transcriptional Repressor That Interacts with the Heterogeneous Nuclear Ribonucleoprotein Particle K Protein. <i>Journal of Biological Chemistry</i> , 1996, 271, 27701-27706.	3.4	73
28	IL-6 and IL-8 increase the expression of glycosyltransferases and sulfotransferases involved in the biosynthesis of sialylated and/or sulfated Lewisx epitopes in the human bronchial mucosa. <i>Biochemical Journal</i> , 2008, 410, 213-223.	3.7	72
29	Overexpression of chemokine receptor CXCR2 and ligand CXCL7 in liver metastases from colon cancer is correlated to shorter disease-free and overall survival. <i>Cancer Science</i> , 2015, 106, 262-269.	3.9	72
30	Mucin Muc2 Deficiency and Weaning Influences the Expression of the Innate Defense Genes Reg3 $\beta 2$, Reg3 $\beta 3$ and Angiogenin-4. <i>PLoS ONE</i> , 2012, 7, e38798.	2.5	70
31	Epigenetic regulation of the human mucin gene MUC4 in epithelial cancer cell lines involves both DNA methylation and histone modifications mediated by DNA methyltransferases and histone deacetylases. <i>FASEB Journal</i> , 2008, 22, 3035-3045.	0.5	66
32	Mucins and tumor resistance to chemotherapeutic drugs. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2014, 1846, 142-151.	7.4	64
33	A role for human MUC4 mucin gene, the ErbB2 ligand, as a target of TGF- $\beta 2$ in pancreatic carcinogenesis. <i>Oncogene</i> , 2004, 23, 5729-5738.	5.9	61
34	Membrane-bound mucin modular domains: From structure to function. <i>Biochimie</i> , 2013, 95, 1077-1086.	2.6	61
35	Signal Pathway of 17β -Estradiol-Induced MUC5B Expression in Human Airway Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009, 40, 168-178.	2.9	60
36	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.	4.4	60

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37	Regulation of the human mucin MUC4 by taurodeoxycholic and taurochenodeoxycholic bile acids in oesophageal cancer cells is mediated by hepatocyte nuclear factor 1 α . <i>Biochemical Journal</i> , 2007, 402, 81-91.	3.7	58
38	OCT-1 is over-expressed in intestinal metaplasia and intestinal gastric carcinomas and binds to, but does not transactivate, CDX2 in gastric cells. <i>Journal of Pathology</i> , 2005, 207, 396-401.	4.5	57
39	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.	4.4	57
40	<i>MUC5AC</i> 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.	5.1	52
41	Epigenetics, stem cells and epithelial cell fate. <i>Differentiation</i> , 2009, 78, 99-107.	1.9	51
42	Targeting miR-21 decreases expression of multi-drug resistant genes and promotes chemosensitivity of renal carcinoma. <i>Tumor Biology</i> , 2017, 39, 101042831770737.	1.8	51
43	The Membrane-Bound Mucins: How Large O-Glycoproteins Play Key Roles in Epithelial Cancers and Hold Promise as Biological Tools for Gene-Based and Immunotherapies. <i>Critical Reviews in Oncogenesis</i> , 2008, 14, 177-196.	0.4	50
44	The murine Muc2 mucin gene is transcriptionally regulated by the zinc-finger GATA-4 transcription factor in intestinal cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 952-960.	2.1	49
45	Intrauterine Growth Restriction Alters Postnatal Colonic Barrier Maturation in Rats. <i>Pediatric Research</i> , 2009, 66, 47-52.	2.3	49
46	Combined NADPH Oxidase 1 and Interleukin 10 Deficiency Induces Chronic Endoplasmic Reticulum Stress and Causes Ulcerative Colitis-Like Disease in Mice. <i>PLoS ONE</i> , 2014, 9, e101669.	2.5	49
47	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.	2.5	47
48	Forkhead box transcription factors Foxa1 and Foxa2 are important regulators of Muc2 mucin expression in intestinal epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 1108-1113.	2.1	46
49	Description of an IL-1-Responsive Kinase That Phosphorylates the K Protein. Enhancement of Phosphorylation by Selective DNA and RNA Motifs. <i>Biochemistry</i> , 1995, 34, 5644-5650.	2.5	45
50	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.	3.4	45
51	Trefoil Factor Family 3 Peptide Promotes Human Airway Epithelial Ciliated Cell Differentiation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 36, 296-303.	2.9	45
52	IL-6 induces MUC4 expression through gp130/STAT3 pathway in gastric cancer cell lines. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 1728-1736.	4.1	45
53	Transcriptional regulation of human mucin MUC4 by bile acids in oesophageal cancer cells is promoter-dependent and involves activation of the phosphatidylinositol 3-kinase signalling pathway. <i>Biochemical Journal</i> , 2004, 377, 701-708.	3.7	44
54	Epigenetic Regulation by lncRNAs: An Overview Focused on UCA1 in Colorectal Cancer. <i>Cancers</i> , 2018, 10, 440.	3.7	44

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55	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.	2.1	42
56	A rapid periodic acid-Schiff staining procedure for the detection of glycoproteins using the phastsystem. <i>Electrophoresis</i> , 1992, 13, 97-99.	2.4	41
57	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.	5.9	40
58	Colonic gene expression patterns of mucin muc2 knockout mice reveal various phases in colitis development1. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 2047-2057.	1.9	40
59	Involvement of a Signal Transduction Mechanism in ATP-induced Mucin Release from Cultured Airway Goblet Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1993, 8, 121-125.	2.9	39
60	Transcriptional activation of the murine Muc5ac mucin gene in epithelial cancer cells by TGF-beta/Smad4 signalling pathway is potentiated by Sp1. <i>Biochemical Journal</i> , 2004, 377, 797-808.	3.7	39
61	Glycosylation pattern of brush border-associated glycoproteins in enterocyte-like cells: involvement of complex-type N-glycans in apical trafficking. <i>Biological Chemistry</i> , 2009, 390, 529-44.	2.5	39
62	Metaplasia – A Transdifferentiation Process that Facilitates Cancer Development: The Model of Gastric Intestinal Metaplasia. <i>Critical Reviews in Oncogenesis</i> , 2006, 12, 3-26.	0.4	39
63	The serrated neoplasia pathway of colorectal tumors: Identification of MUC5AC hypomethylation as an early marker of polyps with malignant potential. <i>International Journal of Cancer</i> , 2016, 138, 1472-1481.	5.1	38
64	Direct and Indirect Targeting of HOXA9 Transcription Factor in Acute Myeloid Leukemia.. <i>Cancers</i> , 2019, 11, 837.	3.7	37
65	The oncogenic receptor ErbB2 modulates gemcitabine and irinotecan/SN-38 chemoresistance of human pancreatic cancer cells via hCNT1 transporter and multidrug-resistance associated protein MRP-2. <i>Oncotarget</i> , 2015, 6, 10853-10867.	1.8	37
66	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.	3.7	36
67	Helicobacter pylori urease and flagellin alter mucin gene expression in human gastric cancer cells. <i>Gastric Cancer</i> , 2014, 17, 235-246.	5.3	36
68	Regulation of cellular quiescence by YAP/TAZ and Cyclin E1 in colon cancer cells: Implication in chemoresistance and cancer relapse. <i>Oncotarget</i> , 2016, 7, 56699-56712.	1.8	36
69	On the epigenetic origin of cancer stem cells. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2012, 1826, 83-88.	7.4	34
70	Gènes MUC : une superfamille de gènes ? Vers une classification fonctionnelle des apomucines humaines. <i>Société De Biologie Journal</i> , 1999, 193, 85-99.	0.3	34
71	Factors predictive of complete resection of operable esophageal cancer: a prospective study. <i>Annals of Thoracic Surgery</i> , 2003, 75, 1720-1726.	1.3	32
72	Tif1 β Suppresses Murine Pancreatic Tumoral Transformation by a Smad4-Independent Pathway. <i>American Journal of Pathology</i> , 2012, 180, 2214-2221.	3.8	32

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73	Galectin-3 is a non-classic RNA binding protein that stabilizes the mucin MUC4 mRNA in the cytoplasm of cancer cells. <i>Scientific Reports</i> , 2017, 7, 43927.	3.3	32
74	Gemcitabine-induced epithelial-mesenchymal transition-like changes sustain chemoresistance of pancreatic cancer cells of mesenchymal-like phenotype. <i>Molecular Carcinogenesis</i> , 2019, 58, 1985-1997.	2.7	32
75	Estradiol Represses the GD3 Synthase Gene ST8SIA1 Expression in Human Breast Cancer Cells by Preventing NF- κ B Binding to ST8SIA1 Promoter. <i>PLoS ONE</i> , 2013, 8, e62559.	2.5	31
76	Identification of a 42-kDa Nuclear Factor (NF1-MUC5B) from HT-29 MTX Cells That Binds to the 3' Region of Human Mucin Gene MUC5B. <i>Biochemical and Biophysical Research Communications</i> , 1996, 220, 186-191.	2.1	30
77	Colitis development during the suckling-weaning transition in mucin Muc2-deficient mice. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, G667-G678.	3.4	29
78	Epigenetic silencing of EYA2 in pancreatic adenocarcinomas promotes tumor growth. <i>Oncotarget</i> , 2014, 5, 2575-2587.	1.8	29
79	Transcription factor AP-2 β represses both the mucin MUC4 expression and pancreatic cancer cell proliferation. <i>Carcinogenesis</i> , 2007, 28, 2305-2312.	2.8	28
80	The mucin MUC4 is a transcriptional and post-transcriptional target of K-ras oncogene in pancreatic cancer. Implication of MAPK/AP-1, NF- κ B and RalB signaling pathways. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2015, 1849, 1375-1384.	1.9	28
81	Lepidic predominant adenocarcinoma and invasive mucinous adenocarcinoma of the lung exhibit specific mucin expression in relation with oncogenic drivers. <i>Lung Cancer</i> , 2017, 109, 92-100.	2.0	28
82	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.	3.7	26
83	Sequence of the 5'-flanking region and promoter activity of the human mucin gene MUC5B in different phenotypes of colon cancer cells. <i>Biochemical Journal</i> , 2000, 348, 675.	3.7	25
84	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.	3.7	25
85	Strong ionic interactions between mucins and two basic proteins, mucus proteinase inhibitor and lysozyme, in human bronchial secretions. <i>International Journal of Biochemistry & Cell Biology</i> , 1992, 24, 303-311.	0.5	24
86	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.	4.7	24
87	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.	1.9	23
88	Peroxisome proliferator-activated receptor ligand MCC-555 suppresses intestinal polyps in <i>ApcMin/+</i> mice via extracellular signal-regulated kinase and peroxisome proliferator-activated receptor-dependent pathways. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 2779-2787.	4.1	23
89	MUC1-C nuclear localization drives invasiveness of renal cancer cells through a sheddase/gamma secretase dependent pathway. <i>Oncotarget</i> , 2014, 5, 754-763.	1.8	23
90	Galectin-3 modulates epithelial cell adaptation to stress at the ER-mitochondria interface. <i>Cell Death and Disease</i> , 2020, 11, 360.	6.3	22

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91	Expression of human mucous proteinase inhibitor in respiratory tract: a study by in situ hybridization.. Journal of Histochemistry and Cytochemistry, 1995, 43, 645-648.	2.5	21
92	Evidence for a functional genetic polymorphism of the human retinoic acidâ€“metabolizing enzyme CYP26A1, an enzyme that may be involved in spina bifida. Birth Defects Research Part A: Clinical and Molecular Teratology, 2006, 76, 491-498.	1.6	20
93	Separation of the two domains of human mucus proteinase inhibitor: Inhibitory activity is only located in the carâ“y-terminal domain. Biochemical and Biophysical Research Communications, 1991, 179, 1587-1592.	2.1	17
94	The MUC4 membrane-bound mucin regulates esophageal cancer cell proliferation and migration properties: Implication for S100A4 protein. Biochemical and Biophysical Research Communications, 2011, 413, 325-329.	2.1	17
95	GATA-4/-6 and HNF-1/-4 families of transcription factors control the transcriptional regulation of the murine Muc5ac mucin during stomach development and in epithelial cancer cells. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2012, 1819, 869-876.	1.9	17
96	Unsupervised Hierarchical Clustering of Pancreatic Adenocarcinoma Dataset from TCGA Defines a Mucin Expression Profile that Impacts Overall Survival. Cancers, 2020, 12, 3309.	3.7	17
97	Colon cancer stemness as a reversible epigenetic state: Implications for anticancer therapies. World Journal of Stem Cells, 2019, 11, 920-936.	2.8	17
98	Interaction between secretory leucocyte proteinase inhibitor and bronchial mucins or glycopeptides. Physiopathological implications for the protection of mucins against proteolysis by human leucocyte elastase. Biochemical Journal, 1992, 281, 761-766.	3.7	16
99	Dual role of MUC1 mucin in kidney ischemia-reperfusion injury: Nephroprotector in early phase, but pro-fibrotic in late phase. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 1336-1349.	3.8	16
100	TGF-Î²RII Knock-down in Pancreatic Cancer Cells Promotes Tumor Growth and Gemcitabine Resistance. Importance of STAT3 Phosphorylation on S727. Cancers, 2018, 10, 254.	3.7	16
101	Mg2+ Transporters in Digestive Cancers. Nutrients, 2021, 13, 210.	4.1	16
102	Mucins: a new family of epigenetic biomarkers in epithelial cancers. Expert Opinion on Medical Diagnostics, 2009, 3, 411-427.	1.6	15
103	MUC1 Expression in Papillary Thyroid Carcinoma Is Associated with <i>BRAF</i> Mutation and Lymph Node Metastasis; the Latter is the Most Important Risk Factor of Relapse. Thyroid, 2014, 24, 1375-1384.	4.5	15
104	Mucin expression, epigenetic regulation and patient survival: A toolkit of prognostic biomarkers in epithelial cancers. Biochimica Et Biophysica Acta: Reviews on Cancer, 2021, 1876, 188538.	7.4	15
105	The MUC1 mucin regulates the tumorigenic properties of human esophageal adenocarcinomatous cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 2432-2437.	4.1	14
106	MUC1 Mitigates Renal Injury and Inflammation in Endotoxin-Induced Acute Kidney Injury by Inhibiting the TLR4-MD2 Axis and Reducing Pro-inflammatory Macrophages Infiltration. Shock, 2021, 56, 629-638.	2.1	13
107	Cross-talk between YAP and RAR-RXR Drives Expression of Stemness Genes to Promote 5-FU Resistance and Self-Renewal in Colorectal Cancer Cells. Molecular Cancer Research, 2021, 19, 612-622.	3.4	13
108	Coordinated Expression of MUC2 and CDX-2 in Mucinous Carcinomas of the Lung Can Be Explained by the Role of CDX-2 as Transcriptional Regulator of MUC2. American Journal of Surgical Pathology, 2004, 28, 1254-1255.	3.7	12

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109	Transcriptional regulation of the 11p15 mucin genes towards new biological tools in human therapy in inflammatory diseases and cancer. <i>Frontiers in Bioscience - Landmark</i> , 2001, 6, d1216-1234.	3.0	11
110	Operatively induced chronic reflux in Rats: A suitable model for studying esophageal carcinogenesis?. <i>Surgery</i> , 2013, 154, 955-967.	1.9	11
111	MUC4-ErbB2 Oncogenic Complex: Binding studies using Microscale Thermophoresis. <i>Scientific Reports</i> , 2019, 9, 16678.	3.3	10
112	A new pancreatic adenocarcinoma-derived organoid model of acquired chemoresistance to FOLFIRINOX: First insight of the underlying mechanisms. <i>Biology of the Cell</i> , 2022, 114, 32-55.	2.0	10
113	Cryosectioning the intestinal crypt-villus axis: An ex vivo method to study the dynamics of epigenetic modifications from stem cells to differentiated cells. <i>Stem Cell Research</i> , 2015, 14, 105-113.	0.7	9
114	Transcript Profiling of Elf5+ Mammary Glands during Pregnancy Identifies Novel Targets of Elf5. <i>PLoS ONE</i> , 2010, 5, e13150.	2.5	8
115	EGF-Containing Membrane-Bound Mucins: A Hidden ErbB2 Targeting Pathway?. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 5074-5088.	6.4	8
116	A Double-Negative Feedback Interaction between miR-21 and PPAR γ in Clear Renal Cell Carcinoma. <i>Cancers</i> , 2022, 14, 795.	3.7	8
117	Targeting MUC4 in pancreatic cancer: miRNAs. <i>Oncoscience</i> , 2015, 2, 799-800.	2.2	7
118	Flagellin-Mediated Protection against Intestinal <i>Yersinia pseudotuberculosis</i> Infection Does Not Require Interleukin-22. <i>Infection and Immunity</i> , 2017, 85, .	2.2	6
119	Of autophagy and in vivo pancreatic carcinogenesis: The p53 status matters!. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2014, 38, 423-425.	1.5	5
120	Western blotting of basic proteins after nondenaturing electrophoresis in acid conditions using the PhastSystem. <i>Electrophoresis</i> , 1993, 14, 876-880.	2.4	4
121	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.	1.8	4
122	Analysis of the proximal promoter of the human colon-specific B4GALNT2 (Sda synthase) gene: B4GALNT2 is transcriptionally regulated by ETS1. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2021, 1864, 194747.	1.9	4
123	The EGF Domains of MUC4 Oncomucin Mediate HER2 Binding Affinity and Promote Pancreatic Cancer Cell Tumorigenesis. <i>Cancers</i> , 2021, 13, 5746.	3.7	4
124	Suitability of Surgically Induced Chronic Reflux in Rats for Studying Esophageal Carcinogenesis. <i>Annals of Surgery</i> , 2015, 261, e140-e141.	4.2	2
125	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.	3.7	2
126	Fabricating Silicon Resonators for Analysing Biological Samples. <i>Micromachines</i> , 2021, 12, 1546.	2.9	2

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127	Analysis of the conformation and stability of human bronchial lysozyme by circular dichroism. <i>International Journal of Biochemistry & Cell Biology</i> , 1992, 24, 593-598.	0.5	1
128	The EGF domains of MUC4 oncomucin interact with ErbB2 and mediate tumorigenic activity of cancer cells represent new potential therapeutic targets. <i>FASEB Journal</i> , 2021, 35, .	0.5	1
129	Single-Cell Analysis May Shed New Lights on the Role of LncRNAs in Chemoresistance in Gastrointestinal Cancers. <i>RNA Technologies</i> , 2020, , 229-253.	0.3	1
130	Loss of Polycomb Repressive Complex 2 Function Alters Digestive Organ Homeostasis and Neuronal Differentiation in Zebrafish. <i>Cells</i> , 2021, 10, 3142.	4.1	1