Leonor David

List of Publications by Year
in descending order

123 papers	5,033 citations	76326 40 h-index	110387 64 g-index
126 all docs	126 docs citations	126 times ranked	5763 citing authors

#	Article	IF	Citations
1	Mesothelin Expression Is Not Associated with the Presence of Cancer Stem Cell Markers SOX2 and ALDH1 in Ovarian Cancer. International Journal of Molecular Sciences, 2022, 23, 1016.	4.1	2
2	Searching for SARS-CoV-2 in Cancer Tissues: Results of an Extensive Methodologic Approach based on ACE2 and Furin Expression. Cancers, 2022, 14, 2582.	3.7	4
3	Display of the human mucinome with defined O-glycans by gene engineered cells. Nature Communications, 2021, 12, 4070.	12.8	67
4	Digital image analysis of multiplex fluorescence IHC in colorectal cancer recognizes the prognostic value of CDX2 and its negative correlation with SOX2. Laboratory Investigation, 2020, 100, 120-134.	3.7	26
5	Regulation of invasion and peritoneal dissemination of ovarian cancer by mesothelin manipulation. Oncogenesis, 2020, 9, 61.	4.9	30
6	A panel of intestinal differentiation markers (CDX2, GPA33, and LI-cadherin) identifies gastric cancer patients with favourable prognosis. Gastric Cancer, 2020, 23, 811-823.	5.3	16
7	Expression and Clinical Relevance of SOX9 in Gastric Cancer. Disease Markers, 2019, 2019, 1-11.	1.3	18
8	Gastro-duodenal disease in Africa: Literature review and clinical data from Accra, Ghana. World Journal of Gastroenterology, 2019, 25, 3344-3358.	3.3	13
9	Peritoneal dissemination of ovarian cancer: role of MUC16-mesothelin interaction and implications for treatment. Expert Review of Anticancer Therapy, 2018, 18, 177-186.	2.4	31
10	Mucins and Truncated O-Glycans Unveil Phenotypic Discrepancies between Serous Ovarian Cancer Cell Lines and Primary Tumours. International Journal of Molecular Sciences, 2018, 19, 2045.	4.1	22
11	Prognostic, predictive, and pharmacogenomic assessments of <scp>CDX</scp>2 refine stratification of colorectal cancer. Molecular Oncology, 2018, 12, 1639-1655.	4.6	40
12	Interactive digital microscopy at the center for a cross-continent undergraduate pathology course in Mozambique. Journal of Pathology Informatics, 2018, 9, 42.	1.7	2
13	Mechanisms of regulation of normal and metaplastic intestinal differentiation. Histology and Histopathology, 2018, 33, 523-532.	0.7	2
14	Precise integration of inducible transcriptional elements (PrIITE) enables absolute control of gene expression. Nucleic Acids Research, 2017, 45, e123-e123.	14.5	18
15	Oncology research in late twentieth century and turn of the century Portugal: a scientometric approach to its institutional and semantic dimensions. Scientometrics, 2017, 113, 867-888.	3.0	10
16	Dynamics of SOX2 and CDX2 Expression in Barrettâ€™s Mucosa. Disease Markers, 2016, 2016, 1-7.	1.3	12
17	Reflections on <scp>MUC</scp>1 glycoprotein: the hidden potential of isoforms in carcinogenesis. Apmis, 2016, 124, 913-924.	2.0	17
18	Effect of MUC1/Î²-catenin interaction on the tumorigenic capacity of pancreatic CD133+ cells. Oncology Letters, 2016, 12, 1811-1817.	1.8	10

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19	Mucin carriers of TF in ovarian cancer. Journal of Cancer Research and Clinical Oncology, 2016, 142, 1867-1868.	2.5	1
20	Mucins MUC16 and MUC1 are major carriers of SLea and SLex in borderline and malignant serous ovarian tumors. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2016, 468, 715-722.	2.8	17
21	Detection of glycoâ€mucin profiles improves specificity of MUC16 and MUC1 biomarkers in ovarian serous tumours. Molecular Oncology, 2015, 9, 503-512.	4.6	50
22	Next-Generation Pathologyâ€"Surveillance of Tumor Microecology. Journal of Molecular Biology, 2015, 427, 2013-2022.	4.2	17
23	Helicobacter pylori chronic infection and mucosal inflammation switches the human gastric glycosylation pathways. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 1928-1939.	3.8	60
24	CDX2 homeoprotein is involved in the regulation of ST6GalNAc-I gene in intestinal metaplasia. Laboratory Investigation, 2015, 95, 718-727.	3.7	12
25	A novel monoclonal antibody to a defined peptide epitope in MUC16. Glycobiology, 2015, 25, 1172-1182.	2.5	17
26	Differentiation reprogramming in gastric intestinal metaplasia and dysplasia: role of <scp>SOX</scp>2 and <scp>CDX</scp>2. Histopathology, 2015, 66, 343-350.	2.9	32
27	Modified-Chitosan/siRNA Nanoparticles Downregulate Cellular CDX2 Expression and Cross the Gastric Mucus Barrier. PLoS ONE, 2014, 9, e99449.	2.5	23
28	Immunohistochemical molecular phenotypes of gastric cancer based on SOX2 and CDX2 predict patient outcome. BMC Cancer, 2014, 14, 753.	2.6	33
29	Construction and validation of a Sambucus nigra biosensor for cancer-associated STn antigen. Biosensors and Bioelectronics, 2014, 57, 254-261.	10.1	30
30	Increase in Genogroup II.4 Norovirus Host Spectrum by CagA-Positive Helicobacter pylori Infection. Journal of Infectious Diseases, 2014, 210, 183-191.	4.0	16
31	Characterization of Binding Epitopes of CA125 Monoclonal Antibodies. Journal of Proteome Research, 2014, 13, 3349-3359.	3.7	42
32	Glycoproteomic Analysis of Serum from Patients with Gastric Precancerous Lesions. Journal of Proteome Research, 2013, 12, 1454-1466.	3.7	65
33	Autoantibodies to MUC1 glycopeptides cannot be used as a screening assay for early detection of breast, ovarian, lung or pancreatic cancer. British Journal of Cancer, 2013, 108, 2045-2055.	6.4	52
34	Human papillomaviruses in intraepithelial neoplasia and squamous cell carcinoma of the conjunctiva. European Journal of Cancer Prevention, 2013, 22, 566-568.	1.3	17
35	Determinants of gastric CDX2 expression. European Journal of Cancer Prevention, 2012, 21, 532-540.	1.3	2
36	Identification of new cancer biomarkers based on aberrant mucin glycoforms by in situ proximity ligation. Journal of Cellular and Molecular Medicine, 2012, 16, 1474-1484.	3.6	67

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37	Gastric intestinal metaplasia revisited: function and regulation of CDX2. Trends in Molecular Medicine, 2012, 18, 555-563.	6.7	65
38	Helicobacter pylori and the BMP pathway regulate CDX2 and SOX2 expression in gastric cells. Carcinogenesis, 2012, 33, 1985-1992.	2.8	56
39	Glycophenotypic Alterations Induced by Pteridium aquilinum in Mice Gastric Mucosa: Synergistic Effect with Helicobacter pylori Infection. PLoS ONE, 2012, 7, e38353.	2.5	15
40	CDX2 autoregulation in human intestinal metaplasia of the stomach: impact on the stability of the phenotype. Gut, 2011, 60, 290-298.	12.1	52
41	ST6GalNAc-I controls expression of sialyl-Tn antigen in gastrointestinal tissues. Frontiers in Bioscience - Elite, 2011, E3, 1443-1455.	1.8	81
42	Pathophysiology of intestinal metaplasia of the stomach: emphasis on CDX2 regulation. Biochemical Society Transactions, 2010, 38, 358-363.	3.4	20
43	Infection-associated FUT2 (Fucosyltransferase 2) genetic variation and impact on functionality assessed by in vivo studies. Glycoconjugate Journal, 2010, 27, 61-68.	2.7	29
44	MUC2 mucin is a major carrier of the cancer-associated sialyl-Tn antigen in intestinal metaplasia and gastric carcinomas. Glycobiology, 2010, 20, 199-206.	2.5	93
45	Relevance of high virulenceHelicobacter pyloristrains and futility of CDX2 expression for predicting intestinal metaplasia after eradication of infection. Scandinavian Journal of Gastroenterology, 2010, 45, 828-834.	1.5	14
46	Alterations in glycosylation as biomarkers for cancer detection. Journal of Clinical Pathology, 2010, 63, 322-329.	2.0	369
47	Salt Intake and Type of Intestinal Metaplasia inHelicobacter Pylori-Infected Portuguese Men. Nutrition and Cancer, 2010, 62, 1153-1160.	2.0	3
48	Fut2-null mice display an altered glycosylation profile and impaired BabA-mediated Helicobacter pylori adhesion to gastric mucosa. Glycobiology, 2009, 19, 1525-1536.	2.5	93
49	CDX2 expression is induced byHelicobacter pyloriin AGS cells. Scandinavian Journal of Gastroenterology, 2009, 44, 124-125.	1.5	18
50	CDX2 promoter methylation is not associated with mRNA expression. International Journal of Cancer, 2009, 125, 1739-1742.	5.1	13
51	Juvenile polyps have gastric differentiation with MUC5AC expression and downregulation of CDX2 and SMAD4. Histochemistry and Cell Biology, 2009, 131, 765-772.	1.7	12
52	Prevalence of Helicobacter pylori infection, chronic gastritis, and intestinal metaplasia in Mozambican dyspeptic patients. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2009, 454, 153-160.	2.8	18
53	Helicobacter pylori cagpathogenicity island-positive strains induce syndecan-4 expression in gastric epithelial cells. FEMS Immunology and Medical Microbiology, 2009, 56, 223-232.	2.7	17
54	Chronic Atrophic Gastritis, Intestinal Metaplasia, Helicobacter pylori Virulence, IL1RN Polymorphisms, and Smoking in Dyspeptic Patients from Mozambique and Portugal. Helicobacter, 2009, 14, 306-308.	3.5	2

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55	Infection by Helicobacter pylori expressing the BabA adhesin is influenced by the secretor phenotype. Journal of Pathology, 2008, 215, 308-316.	4.5	70
56	Key elements of the BMP/SMAD pathway coâ€localize with CDX2 in intestinal metaplasia and regulate CDX2 expression in human gastric cell lines. Journal of Pathology, 2008, 215, 411-420.	4.5	58
57	Helicobacter pylori induces Î²3GnT5 in human gastric cell lines, modulating expression of the SabA ligand sialylâ€“Lewis x. Journal of Clinical Investigation, 2008, 118, 2325-36.	8.2	95
58	Smoking, Helicobacter pylori Virulence, and Type of Intestinal Metaplasia in Portuguese Males. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 322-326.	2.5	49
59	Fruit and vegetable consumption and gastric cancer by location and histological type: caseâ€“control and meta-analysis. European Journal of Cancer Prevention, 2007, 16, 312-327.	1.3	153
60	Short mucin 1 alleles are associated with low virulentH pyloristrains infection. World Journal of Gastroenterology, 2007, 13, 1885.	3.3	4
61	Expression of Lea in gastric cancer cell lines depends on FUT3 expression regulated by promoter methylation. Cancer Letters, 2006, 242, 191-197.	7.2	37
62	Terminal Î±1,4-linked N-acetylglucosamine in Helicobacter pylori-associated Intestinal Metaplasia of the Human Stomach and Gastric Carcinoma Cell Lines. Journal of Histochemistry and Cytochemistry, 2006, 54, 585-591.	2.5	36
63	Metaplasia Â— A Transdifferentiatlon Process that Facilitates Cancer Development: The Model of Gastric Intestinal Metaplasia. Critical Reviews in Oncogenesis, 2006, 12, 3-26.	0.4	39
64	Topographic expression of MUC5AC and MUC6 in the gastric mucosa infected by Helicobacter pylori and in associated diseases. Pathology Research and Practice, 2005, 201, 665-672.	2.3	14
65	OCT-1 is over-expressed in intestinal metaplasia and intestinal gastric carcinomas and binds to, but does not transactivate, CDX2 in gastric cells. Journal of Pathology, 2005, 207, 396-401.	4.5	57
66	Distribution of HPV infection and tumour markers in cervical intraepithelial neoplasia from cone biopsies of Mozambican women. Journal of Clinical Pathology, 2005, 58, 61-68.	2.0	9
67	Thomsen-Friedenreich antigen expression in gastric carcinomas is associated with MUC1 mucin VNTR polymorphism. Glycobiology, 2005, 15, 511-517.	2.5	37
68	14 Role of Immunohistochemical Expression of MUC5B in Gastric Carcinoma. Handbook of Immunohistochemistry and in Situ Hybridization of Human Carcinomas, 2005, , 191-194.	0.0	0
69	Oral osteosarcoma. Oral Oncology, 2005, 41, 195-197.	0.7	1
70	Lewis and Secretor status and Helicobacter pylori eradication. Epidemiology and Infection, 2004, 132, 997-999.	2.1	0
71	Lewis Antigen Expression in Gastric Mucosa of Children: Relationship With Helicobacter pylori Infection. Journal of Pediatric Gastroenterology and Nutrition, 2004, 38, 85-91.	1.8	10
72	Clinicopathological significance and survival influence of p53 protein expression in gastric carcinoma. Histopathology, 2004, 44, 323-331.	2.9	29

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73	Role of Mucins in Helicobacter pylori Adhesion to the Gastric Mucosa. Helicobacter, 2004, 9, 181-181.	3.5	1
74	MUC5B expression in gastric carcinoma: relationship with clinico-pathological parameters and with expression of mucins MUC1, MUC2, MUC5AC and MUC6. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2004, 444, 224-230.	2.8	31
75	Keratins 8, 10, 13, and 17 are useful markers in the diagnosis of human cervix carcinomas. Human Pathology, 2004, 35, 546-551.	2.0	72
76	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
77	Two new FUT2 (fucosyltransferase 2 gene) missense polymorphisms, 739Gâ†'A and 839Tâ†'C, are partly responsible for non-secretor status in a Caucasian population from Northern Portugal. Biochemical Journal, 2004, 383, 469-474.	3.7	32
78	Characterization of Human Papillomavirus Infection, P53 and Ki-67 Expression in Cervix Cancer of Mozambican Women. Pathology Research and Practice, 2003, 199, 303-311.	2.3	17
79	Lewis enzyme (Î±1â€“3/4 fucosyltransferase) polymorphisms do not explain the Lewis phenotype in the gastric mucosa of a Portuguese population. Journal of Human Genetics, 2003, 48, 183-189.	2.3	16
80	Expression of intestineâ€specific transcription factors, CDX1 and CDX2, in intestinal metaplasia and gastric carcinomas. Journal of Pathology, 2003, 199, 36-40.	4.5	248
81	MUC1 polymorphism confers increased risk for intestinal metaplasia in a Colombian population with chronic gastritis. European Journal of Human Genetics, 2003, 11, 380-384.	2.8	21
82	Role of site-specific promoter hypomethylation in aberrant MUC2 mucin expression in mucinous gastric carcinomas. Cancer Letters, 2003, 189, 129-136.	7.2	35
83	Vascular Invasion in Thyroid and Gastric Carcinomas. Ultrastructural Pathology, 2003, 27, 41-48.	0.9	1
84	Human MUC2 Mucin Gene Is Transcriptionally Regulated by Cdx Homeodomain Proteins in Gastrointestinal Carcinoma Cell Lines. Journal of Biological Chemistry, 2003, 278, 51549-51556.	3.4	130
85	Polypeptide GalNAc-transferases, ST6GalNAc-transferase I, and ST3Gal-transferase I Expression in Gastric Carcinoma Cell Lines. Journal of Histochemistry and Cytochemistry, 2003, 51, 761-771.	2.5	49
86	Mucin-Rich Variant of Salivary Duct Carcinoma. American Journal of Surgical Pathology, 2003, 27, 1070-1079.	3.7	103
87	c-erb B-2 Expression Is Associated with Tumor Location and Venous Invasion and Influences Survival of Patients with Gastric Carcinoma. International Journal of Surgical Pathology, 2002, 10, 247-256.	0.8	51
88	Mucins MUC1, MUC2, MUC5AC and MUC6 expression in the evaluation of differentiation and clinico-biological behaviour of gastric carcinoma. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2002, 440, 304-310.	2.8	89
89	Mucins as key molecules for the classification of intestinal metaplasia of the stomach. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2002, 440, 311-317.	2.8	60
90	Expression of mucins (MUC1, MUC2, MUC5AC, and MUC6) and type 1 Lewis antigens in cases with and withoutHelicobacter pyloricolonization in metaplastic glands of the human stomach. Journal of Pathology, 2002, 197, 37-43.	4.5	46

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91	Clinicopathologic Profiles and Prognosis of Gastric Carcinomas from the Cardia, Fundus/Body and Antrum. Digestive Surgery, 2001, 18, 102-110.	1.2	43
92	MUC1 gene polymorphism in the gastric carcinogenesis pathway. European Journal of Human Genetics, 2001, 9, 548-552.	2.8	57
93	Current thoughts on the histopathogenesis of gastric cancer. European Journal of Cancer Prevention, 2001, 10, 101-102.	1.3	20
94	Simple mucin-type carbohydrate antigens (Tn, sialosyl-Tn, T and sialosyl-T) and gp 230 mucin-like glycoprotein are candidate markers for neoplastic transformation of the human cervix. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2000, 437, 173-179.	2.8	23
95	Immunohistochemical Study of the Expression of MUC6 Mucin and Co-expression of Other Secreted Mucins (MUC5AC and MUC2) in Human Gastric Carcinomas. Journal of Histochemistry and Cytochemistry, 2000, 48, 377-388.	2.5	142
96	Mucins and mucin-associated carbohydrate antigens expression in gastric carcinoma cell lines. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 1999, 435, 479-485.	2.8	24
97	Development and characterization of an antibody directed to an alpha-N-acetyl-D-galactosamine glycosylated MUC2 peptide. Glycoconjugate Journal, 1998, 15, 51-62.	2.7	69
98	Expression of fully and under-glycosylated forms of MUC1 mucin in gastric carcinoma. , 1998, 79, 402-410.		104
99	A Family of Human Î²4-Galactosyltransferases. Journal of Biological Chemistry, 1997, 272, 31979-31991.	3.4	170
100	MUC1 gene polymorphism and gastric cancer--an epidemiological study. Glycoconjugate Journal, 1997, 14, 107-111.	2.7	95
101	Tetra-and pentanucleotide short tandem repeat instability in gastric cancer. Electrophoresis, 1997, 18, 1633-1636.	2.4	19
102	LETTER TO THE EDITOR. Relationship between the expression of p53 and the aggressiveness of gastric carcinoma. , 1997, 181, 349-349.		1
103	Ki67 LABELLING INDEX IN GASTRIC CARCINOMAS. AN IMMUNOHISTOCHEMICAL STUDY USING DOUBLE STAINING FOR THE EVALUATION OF THE PROLIFERATIVE ACTIVITY OF DIFFUSE-TYPE CARCINOMAS. , 1997, 182, 62-67.		37
104	Immunohistochemical study of MUC5AC expression in human gastric carcinomas using a novel monoclonal antibody. , 1997, 74, 112-121.		172
105	Ki67 LABELLING INDEX IN GASTRIC CARCINOMAS. AN IMMUNOHISTOCHEMICAL STUDY USING DOUBLE STAINING FOR THE EVALUATION OF THE PROLIFERATIVE ACTIVITY OF DIFFUSEâ€TYPE CARCINOMAS. Journal of Pathology, 1997, 182, 62-67.	4.5	3
106	Do cathepsins play a role in the biological behavior of gastric carcinoma?. Human Pathology, 1996, 27, 997-998.	2.0	1
107	Granular Cell Tumour and Leiomyomatosis of the Esophagus â€" a Non-Coincidental Association?. Pathology Research and Practice, 1996, 192, 492-495.	2.3	2
108	Sialosyl Tn antigen expression is associated with the prognosis of patients with advanced gastric cancer. , 1996, 78, 177-178.		4

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109	Prognostic significance of T antigen expression in patients with gastric carcinoma. , 1996, 78, 2448-2449.		2
110	Sporadic gastric carcinomas with microsatellite instability display a particular clinicopathologic profile. International Journal of Cancer, 1995, 64, 32-36.	5.1	110
111	Increasing levels of MYC and MET co-amplification during tumor progression of a case of gastric cancer. Cancer Genetics and Cytogenetics, 1995, 82, 140-145.	1.0	45
112	Expression of laminin, collagen IV, fibronectin, and type IV collagenase in gastric carcinoma. Cancer, 1994, 73, 518-527.	4.1	84
113	T (Thomsen?Friedenreich) antigen and other simple mucin-type carbohydrate antigens in precursor lesions of gastric carcinoma. Histopathology, 1994, 24, 105-113.	2.9	50
114	p53 alterations in gastric carcinoma:. Cancer Genetics and Cytogenetics, 1994, 75, 45-50.	1.0	14
115	Sialyl-TN expression in gastric carcinoma. European Journal of Cancer, 1994, 30, 1398-1399.	2.8	9
116	Hyperplastic polyposis and diffuse carcinoma of the stomach. A study of a family. Cancer, 1993, 72, 323-329.	4.1	53
117	CDw75 Antigen expression in human gastric carcinoma and adjacent mucosa. Cancer, 1993, 72, 1522-1527.	4.1	13
118	Immunohistochemical expression of oncofetal fibronectin in benign and malignant lesions of the stomach. European Journal of Cancer, 1993, 29, 2070-2071.	2.8	17
119	Signet Ring Cell Carcinoma of the Stomach: A Morphometric, Ultrastructural, and DNA Cytometric Study. Ultrastructural Pathology, 1992, 16, 603-614.	0.9	22
120	Immunohistochemical Analysis of Ras oncogene p21 Product in Human Gastric Carcinomas and their Adjacent Mucosas. Pathology Research and Practice, 1992, 188, 263-272.	2.3	9
121	Letters to the Case. Pathology Research and Practice, 1991, 187, 115-116.	2.3	0
122	Isochromosome 8q. Cancer Genetics and Cytogenetics, 1991, 54, 137-138.	1.0	14
123	Familial gastric polyposis revisited. Cancer Genetics and Cytogenetics, 1991, 53, 97-100.	1.0	28