

Isabelle Duluc

List of Publications by Year in descending order

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65
papers

3,701
citations

159585

30
h-index

128289

60
g-index

65
all docs

65
docs citations

65
times ranked

4505
citing authors

#	ARTICLE	IF	CITATIONS
1	SOX9 is an intestine crypt transcription factor, is regulated by the Wnt pathway, and represses the CDX2 and MUC2 genes. <i>Journal of Cell Biology</i> , 2004, 166, 37-47.	5.2	422
2	Neurogenin3 is differentially required for endocrine cell fate specification in the intestinal and gastric epithelium. <i>EMBO Journal</i> , 2002, 21, 6338-6347.	7.8	405
3	Key Role of the Cdx2 Homeobox Gene in Extracellular Matrix-mediated Intestinal Cell Differentiation. <i>Journal of Cell Biology</i> , 1997, 139, 1553-1565.	5.2	264
4	Cdx and Hox Genes Differentially Regulate Posterior Axial Growth in Mammalian Embryos. <i>Developmental Cell</i> , 2009, 17, 516-526.	7.0	225
5	The Cdx2 homeobox gene has a tumour suppressor function in the distal colon in addition to a homeotic role during gut development. <i>Gut</i> , 2003, 52, 1465-1471.	12.1	201
6	The <i>Cdx-1</i> and <i>Cdx-2</i> homeobox genes in the intestine. <i>Biochemistry and Cell Biology</i> , 1998, 76, 957-969.	2.0	182
7	Down-Regulation of the Homeodomain Factor Cdx2 in Colorectal Cancer by Collagen Type I. <i>Cancer Research</i> , 2004, 64, 6973-6977.	0.9	126
8	Intestinal Epithelial-Mesenchymal Cell Interactions. <i>Annals of the New York Academy of Sciences</i> , 1998, 859, 1-17.	3.8	118
9	The <i>Cdx-1</i> and <i>Cdx-2</i> homeobox genes in the intestine. <i>Biochemistry and Cell Biology</i> , 1998, 76, 957-969.	2.0	111
10	Fetal endoderm primarily holds the temporal and positional information required for mammalian intestinal development.. <i>Journal of Cell Biology</i> , 1994, 126, 211-221.	5.2	98
11	The intestine-specific homeobox gene Cdx2 decreases mobility and antagonizes dissemination of colon cancer cells. <i>Oncogene</i> , 2008, 27, 107-115.	5.9	90
12	Cdx2 determines the fate of postnatal intestinal endoderm. <i>Development (Cambridge)</i> , 2012, 139, 465-474.	2.5	85
13	Downregulation of the colon tumour-suppressor homeobox gene Cdx-2 by oncogenic ras. <i>Oncogene</i> , 1999, 18, 87-92.	5.9	76
14	Molecular and cellular effects of vitamin B12 in brain, myocardium and liver through its role as co-factor of methionine synthase. <i>Biochimie</i> , 2013, 95, 1033-1040.	2.6	72
15	Multiple Regulatory Regions Control the Complex Expression Pattern of the Mouse Cdx2 Homeobox Gene. <i>Gastroenterology</i> , 2008, 135, 1238-1247.e3.	1.3	71
16	Primary tumour genetic alterations and intra-tumoral heterogeneity are maintained in xenografts of human colon cancers showing chromosome instability. <i>Journal of Pathology</i> , 2006, 208, 643-652.	4.5	69
17	Cellular and molecular partners involved in gut morphogenesis and differentiation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1998, 353, 847-856.	4.0	66
18	Production of low-lactose milk by ectopic expression of intestinal lactase in the mouse mammary gland. <i>Nature Biotechnology</i> , 1999, 17, 160-164.	17.5	64

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19	Key elements of the BMP/SMAD pathway co-localize with CDX2 in intestinal metaplasia and regulate CDX2 expression in human gastric cell lines. <i>Journal of Pathology</i> , 2008, 215, 411-420.	4.5	58
20	Lactase expression is controlled differently in the jejunum and ileum during development in rats. <i>Gastroenterology</i> , 1991, 100, 388-394.	1.3	52
21	CDX2 autoregulation in human intestinal metaplasia of the stomach: impact on the stability of the phenotype. <i>Gut</i> , 2011, 60, 290-298.	12.1	52
22	Broader expression of the mouse platelet factor-4 β -cre transgene beyond the megakaryocyte lineage. <i>Journal of Thrombosis and Haemostasis</i> , 2015, 13, 115-125.	3.8	49
23	Cdx2 Controls Expression of the Protocadherin Mucdhl, an Inhibitor of Growth and β -Catenin Activity in Colon Cancer Cells. <i>Gastroenterology</i> , 2012, 142, 875-885.e3.	1.3	45
24	Discrepancy between the intestinal lactase enzymatic activity and mRNA accumulation in sucklings and adults Effect of starvation and thyroxine treatment. <i>FEBS Letters</i> , 1989, 248, 39-42.	2.8	43
25	Subepithelial fibroblast cell lines from different levels of gut axis display regional characteristics. <i>American Journal of Physiology - Renal Physiology</i> , 1998, 274, G945-G954.	3.4	40
26	Phosphorylation of the homeotic tumor suppressor Cdx2 mediates its ubiquitin-dependent proteasome degradation. <i>Oncogene</i> , 2005, 24, 7955-7963.	5.9	39
27	Multiple levels of control of the stage- and region-specific expression of rat intestinal lactase.. <i>Journal of Cell Biology</i> , 1993, 123, 1577-1586.	5.2	38
28	Different effects of the Cdx1 and Cdx2 homeobox genes in a murine model of intestinal inflammation. <i>Gut</i> , 2007, 56, 1688-1695.	12.1	38
29	Regulation of the tumor suppressor homeogene Cdx2 by HNF4 β in intestinal cancer. <i>Oncogene</i> , 2013, 32, 3782-3788.	5.9	36
30	The Cdx2 homeobox gene suppresses intestinal tumorigenesis through non-cell-autonomous mechanisms. <i>Journal of Experimental Medicine</i> , 2018, 215, 911-926.	8.5	33
31	Sequence of the precursor of intestinal lactase-phlorizin hydrolase from fetal rat. <i>Gene</i> , 1991, 103, 275-276.	2.2	31
32	The tumor suppressor <i>Apc</i> controls planar cell polarities central to gut homeostasis. <i>Journal of Cell Biology</i> , 2012, 198, 331-341.	5.2	31
33	Cdx1, a dispensable homeobox gene for gut development with limited effect in intestinal cancer. <i>Oncogene</i> , 2008, 27, 4497-4502.	5.9	30
34	Cdx1 homeobox gene during human colon cancer progression. <i>Oncogene</i> , 2003, 22, 7913-7921.	5.9	29
35	Frequent rearrangements and amplification of the CDX2 homeobox gene in human sporadic colorectal cancers with chromosomal instability. <i>Cancer Letters</i> , 2007, 247, 197-203.	7.2	25
36	The Microenvironment Controls CDX2 Homeobox Gene Expression in Colorectal Cancer Cells. <i>American Journal of Pathology</i> , 2007, 170, 733-744.	3.8	25

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37	Increasing the oxygen load by treatment with myo-inositol trispyrophosphate reduces growth of colon cancer and modulates the intestine homeobox gene Cdx2. <i>Oncogene</i> , 2013, 32, 4313-4318.	5.9	24
38	Cdx2 homeoprotein inhibits non-homologous end joining in colon cancer but not in leukemia cells. <i>Nucleic Acids Research</i> , 2012, 40, 3456-3469.	14.5	22
39	Expression and localisation of insulin receptor substrate 2 in normal intestine and colorectal tumours. Regulation by intestine-specific transcription factor CDX2. <i>Gut</i> , 2009, 58, 1250-1259.	12.1	21
40	Extending the functions of the homeotic transcription factor Cdx2 in the digestive system through nontranscriptional activities. <i>World Journal of Gastroenterology</i> , 2015, 21, 1436.	3.3	17
41	Endoderm- and mesenchyme-dependent commitment of the differentiated epithelial cell types in the developing intestine of rat. <i>Differentiation</i> , 2003, 71, 163-169.	1.9	15
42	Adaptation of intestinal hydrolases to starvation in rats: effect of thyroid function. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1991, 161, 357-61.	1.5	14
43	Chromatin de-condensation by switching substrate elasticity. <i>Scientific Reports</i> , 2018, 8, 12655.	3.3	14
44	Fine-tuning and autoregulation of the intestinal determinant and tumor suppressor homeobox gene CDX2 by alternative splicing. <i>Cell Death and Differentiation</i> , 2017, 24, 2173-2186.	11.2	13
45	Histone hypoacetylation contributes to CXCL12 downregulation in colon cancer: impact on tumor growth and cell migration. <i>Oncotarget</i> , 2017, 8, 38351-38366.	1.8	13
46	Concurrent <i>CDX2</i> cis-deregulation and <i>UBTF::ATXN7L3</i> fusion define a novel high-risk subtype of B-cell ALL. <i>Blood</i> , 2022, 139, 3505-3518.	1.4	13
47	Functional diversity and interactions between the repeat domains of rat intestinal lactase. <i>Biochemical Journal</i> , 1997, 327, 95-103.	3.7	12
48	TAF4 Inactivation Reveals the 3 Dimensional Growth Promoting Activities of Collagen 6A3. <i>PLoS ONE</i> , 2014, 9, e87365.	2.5	12
49	Distinct mechanisms for opposite functions of homeoproteins Cdx2 and HoxB7 in double-strand break DNA repair in colon cancer cells. <i>Cancer Letters</i> , 2016, 374, 208-215.	7.2	10
50	Ultrastructural study of intestinal lactase gene expression. <i>Biology of the Cell</i> , 1995, 83, 211-217.	2.0	9
51	Functional interaction between the homeoprotein CDX1 and the transcriptional machinery containing the TATA-binding protein. <i>Nucleic Acids Research</i> , 2006, 35, 175-185.	14.5	8
52	<i>CDX2</i> in Congenital Gut Gastric-Type Heteroplasia and Intestinal-Type Meckel Diverticula. <i>Pediatrics</i> , 2010, 126, e723-e727.	2.1	8
53	The atypical cadherin MUCDHL antagonizes colon cancer formation and inhibits oncogenic signaling through multiple mechanisms. <i>Oncogene</i> , 2021, 40, 522-535.	5.9	7
54	CDX2 controls genes involved in the metabolism of 5-fluorouracil and is associated with reduced efficacy of chemotherapy in colorectal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2022, 147, 112630.	5.6	7

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55	CDX2 expression in the hematopoietic lineage promotes leukemogenesis via TGF β 2 inhibition. <i>Molecular Oncology</i> , 2021, 15, 2318-2329.	4.6	6
56	Identification of homologues of the mammalian intestinal lactase gene in non-mammals (birds and Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.7	5
57	Differentially expressed endoderm and mesenchyme genes along the fetal rat intestine. <i>Genesis</i> , 2001, 29, 55-59.	1.6	5
58	A Core Response to the CDX2 Homeoprotein During Development and in Pathologies. <i>Frontiers in Genetics</i> , 2021, 12, 744165.	2.3	3
59	Severe head dysgenesis resulting from imbalance between anterior and posterior ontogenetic programs. <i>Cell Death and Disease</i> , 2019, 10, 812.	6.3	2
60	CDX2 is a Biomarker of Better Prognosis in Pancreatic Ductal Adenocarcinoma (PDA). <i>Gastroenterology</i> , 2017, 152, S275-S276.	1.3	1
61	Estimation of subject coregistration errors during multimodal preclinical imaging using separate instruments: origins and avoidance of artifacts. <i>Journal of Medical Imaging</i> , 2017, 4, 1.	1.5	1
62	Uncoupling of morphological and endocrine differentiation in the rat intestine during organogenesis. <i>Gastroenterology</i> , 1998, 114, A904.	1.3	0
63	The homeobox gene Cdx2 has a tumor-suppressor function in the adult colon, distinct from its homeotic role during intestinal development. <i>Gastroenterology</i> , 2003, 124, A130-A131.	1.3	0
64	867 An Alternative Splicing/Translation Variant Fine-Tunes the Activity of the Homeotic Transcription Factor CDx2 in the Gut. <i>Gastroenterology</i> , 2010, 138, S-120.	1.3	0
65	783 Non-Cell-Autonomous Tumor Suppressor Activity of the Intestinal Homeobox Gene CDX2. <i>Gastroenterology</i> , 2016, 150, S162.	1.3	0