

Isabelle Gross

List of Publications by Year in descending order

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40
papers

2,116
citations

257450

24
h-index

289244

40
g-index

40
all docs

40
docs citations

40
times ranked

2871
citing authors

#	ARTICLE	IF	CITATIONS
1	Sprouty1 Is a Critical Regulator of GDNF/RET-Mediated Kidney Induction. <i>Developmental Cell</i> , 2005, 8, 229-239.	7.0	327
2	Mammalian Sprouty Proteins Inhibit Cell Growth and Differentiation by Preventing Ras Activation. <i>Journal of Biological Chemistry</i> , 2001, 276, 46460-46468.	3.4	225
3	A Ruthenium-Containing Organometallic Compound Reduces Tumor Growth through Induction of the Endoplasmic Reticulum Stress Gene <i>CHOP</i> . <i>Cancer Research</i> , 2009, 69, 5458-5466.	0.9	201
4	Tyrosine Phosphorylation of Sprouty Proteins Regulates Their Ability to Inhibit Growth Factor Signaling: A Dual Feedback Loop. <i>Molecular Biology of the Cell</i> , 2004, 15, 2176-2188.	2.1	118
5	E-cadherin Is a WT1 Target Gene. <i>Journal of Biological Chemistry</i> , 2000, 275, 10943-10953.	3.4	112
6	Immune factor Gambif1, a new rel family member from the human malaria vector, <i>Anopheles gambiae</i> .. <i>EMBO Journal</i> , 1996, 15, 4691-4701.	7.8	99
7	The intestine-specific homeobox gene <i>Cdx2</i> decreases mobility and antagonizes dissemination of colon cancer cells. <i>Oncogene</i> , 2008, 27, 107-115.	5.9	90
8	The Receptor Tyrosine Kinase Regulator Sprouty1 Is a Target of the Tumor Suppressor WT1 and Important for Kidney Development. <i>Journal of Biological Chemistry</i> , 2003, 278, 41420-41430.	3.4	72
9	Multiple Regulatory Regions Control the Complex Expression Pattern of the Mouse <i>Cdx2</i> Homeobox Gene. <i>Gastroenterology</i> , 2008, 135, 1238-1247.e3.	1.3	71
10	<i>Drosophila</i> Immunity: A Comparative Analysis of the Rel Proteins Dorsal and Dif in the Induction of the Genes Encoding Dipterecin and Cecropin. <i>Nucleic Acids Research</i> , 1996, 24, 1238-1245.	14.5	69
11	Sprouty2 inhibits BDNF-induced signaling and modulates neuronal differentiation and survival. <i>Cell Death and Differentiation</i> , 2007, 14, 1802-1812.	11.2	65
12	Cyclin-dependent Kinases Phosphorylate p73 at Threonine 86 in a Cell Cycle-dependent Manner and Negatively Regulate p73. <i>Journal of Biological Chemistry</i> , 2003, 278, 27421-27431.	3.4	55
13	Laminin isoforms: biological roles and effects on the intracellular distribution of nuclear proteins in intestinal epithelial cells. <i>Experimental Cell Research</i> , 2005, 303, 494-503.	2.6	49
14	<i>Drosophila</i> immunity. A sequence homologous to mammalian interferon consensus response element enhances the activity of the dipterecin promoter. <i>Nucleic Acids Research</i> , 1995, 23, 1140-1145.	14.5	48
15	Effect of laminin-1 on intestinal cell differentiation involves inhibition of nuclear nucleolin. <i>Journal of Cellular Physiology</i> , 2006, 206, 545-555.	4.1	46
16	<i>Cdx2</i> Controls Expression of the Protocadherin <i>Mucdhl</i> , an Inhibitor of Growth and β -Catenin Activity in Colon Cancer Cells. <i>Gastroenterology</i> , 2012, 142, 875-885.e3.	1.3	45
17	Phosphorylation of the homeotic tumor suppressor <i>Cdx2</i> mediates its ubiquitin-dependent proteasome degradation. <i>Oncogene</i> , 2005, 24, 7955-7963.	5.9	39
18	Different effects of the <i>Cdx1</i> and <i>Cdx2</i> homeobox genes in a murine model of intestinal inflammation. <i>Gut</i> , 2007, 56, 1688-1695.	12.1	38

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19	Multiple neurotoxic stresses converge on MDMX proteolysis to cause neuronal apoptosis. <i>Cell Death and Differentiation</i> , 2007, 14, 2047-2057.	11.2	35
20	Anticancer activity of ruthenium and osmium cyclometalated compounds: identification of ABCB1 and EGFR as resistance mechanisms. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 678-688.	6.0	34
21	The tumor suppressor CDX2 opposes pro-metastatic biomechanical modifications of colon cancer cells through organization of the actin cytoskeleton. <i>Cancer Letters</i> , 2017, 386, 57-64.	7.2	28
22	Complex Regulation of p73 Isoforms after Alteration of Amyloid Precursor Polypeptide (APP) Function and DNA Damage in Neurons. <i>Journal of Biological Chemistry</i> , 2011, 286, 43013-43025.	3.4	27
23	The Microenvironment Controls CDX2 Homeobox Gene Expression in Colorectal Cancer Cells. <i>American Journal of Pathology</i> , 2007, 170, 733-744.	3.8	25
24	Transcriptional activator TAp63 is upregulated in muscular atrophy during ALS and induces the pro-atrophic ubiquitin ligase Trim63. <i>ELife</i> , 2016, 5, .	6.0	25
25	Gastric intrinsic factor deficiency with combined GIF heterozygous mutations and FUT2 secretor variant. <i>Biochimie</i> , 2013, 95, 995-1001.	2.6	23
26	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
27	Dorsal-B, a splice variant of the Drosophila factor Dorsal, is a novel Rel/NF- κ B transcriptional activator. <i>Gene</i> , 1999, 228, 233-242.	2.2	20
28	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
29	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
30	Transcriptional Regulation of the Intestinal Nuclear Bile Acid Farnesoid X Receptor (FXR) by the caudal-related Homeobox 2 (CDX2). <i>Journal of Biological Chemistry</i> , 2014, 289, 28421-28432.	3.4	12
31	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
32	Prognostic factors of hemorrhagic complications after oxaliplatin-based hyperthermic intraperitoneal chemotherapy: Toward routine preoperative dosage of Von Willebrand factor?. <i>European Journal of Surgical Oncology</i> , 2017, 43, 1095-1101.	1.0	10
33	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
34	<i>CDX2</i> in Congenital Gut Gastric-Type Heteroplasia and Intestinal-Type Meckel Diverticula. <i>Pediatrics</i> , 2010, 126, e723-e727.	2.1	8
35	Bypassing the Resistance Mechanisms of the Tumor Ecosystem by Targeting the Endoplasmic Reticulum Stress Pathway Using Ruthenium- and Osmium-Based Organometallic Compounds: An Exciting Long-Term Collaboration with Dr. Michel Pfeffer. <i>Molecules</i> , 2021, 26, 5386.	3.8	8
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	CDX2 inducible microRNAs sustain colon cancer by targeting multiple DNA damage response pathway factors. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	4
39	Mesalazine initiates an anti-oncogenic β -catenin / MUCDHL negative feed-back loop in colon cancer cells by cell-specific mechanisms. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112543.	5.6	3
40	CDX2 regulates ACE expression in blood development and leukemia cells. <i>Blood Advances</i> , 2021, 5, 2012-2016.	5.2	1