

Anita Sjölander

List of Publications by Year in descending order

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54
papers

2,135
citations

201674

27
h-index

233421

45
g-index

54
all docs

54
docs citations

54
times ranked

2540
citing authors

#	ARTICLE	IF	CITATIONS
1	Wnt-5a Protein Expression in Primary Dukes B Colon Cancers Identifies a Subgroup of Patients with Good Prognosis. <i>Cancer Research</i> , 2005, 65, 9142-9146.	0.9	173
2	Expression of the leukotriene D4 receptor CysLT1, COX-2, and other cell survival factors in colorectal adenocarcinomas. <i>Gastroenterology</i> , 2003, 124, 57-70.	1.3	167
3	Crosstalk between colon cancer cells and macrophages via inflammatory mediators and CD47 promotes tumour cell migration. <i>European Journal of Cancer</i> , 2013, 49, 3320-3334.	2.8	120
4	Leukotrienes induce cell-survival signaling in intestinal epithelial cells. <i>Gastroenterology</i> , 2000, 119, 1007-1018.	1.3	99
5	M2-like macrophages induce colon cancer cell invasion via matrix metalloproteinases. <i>Journal of Cellular Physiology</i> , 2017, 232, 3468-3480.	4.1	99
6	Cysteinyl leukotrienes and their receptors: Bridging inflammation and colorectal cancer. <i>World Journal of Gastroenterology</i> , 2014, 20, 968.	3.3	76
7	Leukotriene D(4) activates MAPK through a Ras-independent but PKCepsilon-dependent pathway in intestinal epithelial cells. <i>Journal of Cell Science</i> , 2002, 115, 1883-93.	2.0	74
8	A novel localization of the G-protein-coupled CysLT1 receptor in the nucleus of colorectal adenocarcinoma cells. <i>Cancer Research</i> , 2005, 65, 732-42.	0.9	74
9	Low expression of CysLT1R and high expression of CysLT2R mediate good prognosis in colorectal cancer. <i>European Journal of Cancer</i> , 2010, 46, 826-835.	2.8	67
10	The Pro-inflammatory Mediator Leukotriene D4 Induces Phosphatidylinositol 3-Kinase and Rac-dependent Migration of Intestinal Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 13538-13544.	3.4	58
11	Leukotriene D4 Mediates Survival and Proliferation via Separate but Parallel Pathways in the Human Intestinal Epithelial Cell Line Int 407. <i>Journal of Biological Chemistry</i> , 2003, 278, 45577-45585.	3.4	55
12	CysLT1R Antagonists Inhibit Tumor Growth in a Xenograft Model of Colon Cancer. <i>PLoS ONE</i> , 2013, 8, e73466.	2.5	52
13	The Inflammatory Mediator Leukotriene D4 Induces β -Catenin Signaling and Its Association with Antiapoptotic Bcl-2 in Intestinal Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 6776-6784.	3.4	49
14	Non-canonical WNT5A signaling up-regulates the expression of the tumor suppressor 15-lipoxygenase and induces differentiation of colon cancer cells. <i>Molecular Oncology</i> , 2016, 10, 1415-1429.	4.6	47
15	Cysteinyl leukotriene receptor expression pattern affects migration of breast cancer cells and survival of breast cancer patients. <i>International Journal of Cancer</i> , 2011, 129, 9-22.	5.1	46
16	High tumor mast cell density is associated with longer survival of colon cancer patients. <i>Acta Oncologica</i> , 2016, 55, 1434-1442.	1.8	44
17	The Role of Leukotriene Receptor Signaling in Inflammation and Cancer. <i>Scientific World Journal</i> , The, 2007, 7, 1413-1421.	2.1	42
18	The inflammatory mediator leukotriene D4 induces subcellular β -catenin translocation and migration of colon cancer cells. <i>Experimental Cell Research</i> , 2014, 321, 255-266.	2.6	42

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19	An Increased Expression of Cysteinyl Leukotriene 2 Receptor in Colorectal Adenocarcinomas Correlates with High Differentiation. <i>Cancer Research</i> , 2007, 67, 9190-9198.	0.9	38
20	Activation of cPLA 2 is required for leukotriene D 4 -induced proliferation in colon cancer cells. <i>Carcinogenesis</i> , 2005, 26, 1988-1998.	2.8	37
21	Phenotype-based Discovery of 2-[(E)-2-(Quinolin-2-yl)vinyl]phenol as a Novel Regulator of Ocular Angiogenesis. <i>Journal of Biological Chemistry</i> , 2016, 291, 7242-7255.	3.4	36
22	Leukotriene D4-induced adhesion of Caco-2 cells is mediated by prostaglandin E2 and upregulation of β_2 -integrin. <i>Experimental Cell Research</i> , 2003, 289, 342-351.	2.6	34
23	Nuclear expression of Glycogen synthase kinase-3 β and lack of membranous β -catenin is correlated with poor survival in colon cancer. <i>International Journal of Cancer</i> , 2013, 133, 807-815.	5.1	32
24	Montelukast, a CysLT1 receptor antagonist, reduces colon cancer stemness and tumor burden in a mouse xenograft model of human colon cancer. <i>Cancer Letters</i> , 2018, 437, 13-24.	7.2	31
25	Leukotriene D4-Induced Activation and Translocation of the G-Protein β_3 -Subunit in Human Epithelial Cells. <i>Biochemical and Biophysical Research Communications</i> , 1996, 226, 413-419.	2.1	28
26	The eicosanoids leukotriene D4 and prostaglandin E2 promote the tumorigenicity of colon cancer-initiating cells in a xenograft mouse model. <i>BMC Cancer</i> , 2016, 16, 425.	2.6	28
27	The Epsilon Isoform of Protein Kinase C Is Involved in Regulation of the LTD4-Induced Calcium Signal in Human Intestinal Epithelial Cells. <i>Experimental Cell Research</i> , 2001, 262, 95-103.	2.6	27
28	β_2 integrin signalling enhances cyclooxygenase-2 expression in intestinal epithelial cells. <i>Journal of Cellular Physiology</i> , 2006, 209, 950-958.	4.1	27
29	The Leukotriene Receptor CysLT1 And 5- Lipoxygenase Are Upregulated In Colon Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2003, 525, 201-204.	1.6	27
30	Regulation of leukotriene-dependent induction of cyclooxygenase-2 and Bcl-2. <i>Biochemical and Biophysical Research Communications</i> , 2003, 302, 330-335.	2.1	26
31	Cysteinyl leukotriene receptor 1 promotes 5-fluorouracil resistance and resistance-derived stemness in colon cancer cells. <i>Cancer Letters</i> , 2020, 488, 50-62.	7.2	26
32	Cysteinyl leukotriene receptor 1 facilitates tumorigenesis in a mouse model of colitis-associated colon cancer. <i>Oncotarget</i> , 2017, 8, 34773-34786.	1.8	26
33	CD47 Regulates Collagen I-Induced Cyclooxygenase-2 Expression and Intestinal Epithelial Cell Migration. <i>PLoS ONE</i> , 2009, 4, e6371.	2.5	25
34	Ligand-Induced Tyrosine Phosphorylation of Cysteinyl Leukotriene Receptor 1 Triggers Internalization and Signaling in Intestinal Epithelial Cells. <i>PLoS ONE</i> , 2010, 5, e14439.	2.5	25
35	Cysteinyl leukotriene 1 receptor influences intestinal polyp incidence in a gender-specific manner in the Apc ^{Min/+} mouse model. <i>Carcinogenesis</i> , 2016, 37, 491-499.	2.8	25
36	Association of the oestrogen receptor beta with hormone status and prognosis in a cohort of female patients with colorectal cancer. <i>European Journal of Cancer</i> , 2017, 83, 279-289.	2.8	24

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37	The WNT5A Agonist Foxy5 Reduces the Number of Colonic Cancer Stem Cells in a Xenograft Mouse Model of Human Colonic Cancer. <i>Anticancer Research</i> , 2019, 39, 1719-1728.	1.1	24
38	The cysteinyl leukotriene 2 receptor contributes to all-transretinoic acid-induced differentiation of colon cancer cells. <i>BMC Cancer</i> , 2013, 13, 336.	2.6	23
39	The anti-apoptotic effect of leukotriene D4 involves the prevention of caspase 8 activation and Bid cleavage. <i>Biochemical Journal</i> , 2003, 371, 115-124.	3.7	21
40	A potential anti-tumor effect of leukotriene C4 through the induction of 15-hydroxyprostaglandin dehydrogenase expression in colon cancer cells. <i>Oncotarget</i> , 2017, 8, 35033-35047.	1.8	21
41	Leukotriene D4 activates distinct G-proteins in intestinal epithelial cells to regulate stress fibre formation and to generate intracellular Ca ²⁺ mobilisation and ERK1/2 activation. <i>Experimental Cell Research</i> , 2005, 302, 31-39.	2.6	20
42	Regulation of the eicosanoid pathway by tumour necrosis factor alpha and leukotriene D4 in intestinal epithelial cells. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2008, 79, 223-231.	2.2	19
43	Tumour-suppressive effect of oestrogen receptor β in colorectal cancer patients, colon cancer cells, and a zebrafish model. <i>Journal of Pathology</i> , 2020, 251, 297-309.	4.5	19
44	The impact of inflammatory lipid mediators on colon cancer-initiating cells. <i>Molecular Carcinogenesis</i> , 2015, 54, 1315-1327.	2.7	16
45	Leukotriene D4 induces a rapid increase in cAMP in the human epithelial cell line, Int 407: a potential role for this signal in the regulation of calcium influx through the plasma membrane. <i>Cell Calcium</i> , 1998, 24, 9-16.	2.4	15
46	Regulation of Cysteinyl Leukotriene Receptor 2 Expression—A Potential Anti-Tumor Mechanism. <i>PLoS ONE</i> , 2011, 6, e29060.	2.5	13
47	Tumour suppressor 15-hydroxyprostaglandin dehydrogenase induces differentiation in colon cancer via GIL1 inhibition. <i>Oncogenesis</i> , 2020, 9, 74.	4.9	9
48	High PGD2 receptor 2 levels are associated with poor prognosis in colorectal cancer patients and induce VEGF expression in colon cancer cells and migration in a zebrafish xenograft model. <i>British Journal of Cancer</i> , 2022, 126, 586-597.	6.4	7
49	Identification of a Novel Five-Gene Signature as a Prognostic and Diagnostic Biomarker in Colorectal Cancers. <i>International Journal of Molecular Sciences</i> , 2022, 23, 793.	4.1	6
50	Combined Estrogen Alpha and Beta Receptor Expression Has a Prognostic Significance for Colorectal Cancer Patients. <i>Frontiers in Medicine</i> , 2022, 9, 739620.	2.6	6
51	Aberrant environment and PS-binding to calnuc C-terminal tail drives exosomal packaging and its metastatic ability. <i>Biochemical Journal</i> , 2021, 478, 2265-2283.	3.7	4
52	Leukotriene D4 induces AP-1 but not NF κ B signaling in intestinal epithelial cells. <i>Prostaglandins and Other Lipid Mediators</i> , 2008, 85, 100-106.	1.9	3
53	Brain-Derived Neurotrophic Factor, Neutrophils and Cysteinyl Leukotriene Receptor 1 as Potential Prognostic Biomarkers for Patients with Colon Cancer. <i>Cancers</i> , 2021, 13, 5520.	3.7	2
54	Inflammation induced PELP1 expression promotes tumorigenesis by activating GM-CSF paracrine secretion in the tumor microenvironment. <i>Journal of Biological Chemistry</i> , 2021, , 101406.	3.4	1