Lukas J A C Hawinkels

List of Publications by Year
in descending order

79	4,530	172457	106344
papers	citations	29 h-index	65 g-index

83	83	83	9029
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Statin use is associated with a reduced incidence of colorectal cancer expressing SMAD4. British Journal of Cancer, 2022, 126, 297-301.	6.4	5
2	Targeting pancreatic cancer by TAK-981: a SUMOylation inhibitor that activates the immune system and blocks cancer cell cycle progression in a preclinical model. Gut, 2022, 71, 2266-2283.	12.1	35
3	Multicellular Modelling of Difficult-to-Treat Gastrointestinal Cancers: Current Possibilities and Challenges. International Journal of Molecular Sciences, 2022, 23, 3147.	4.1	4
4	Enhanced antigen cross-presentation in human colorectal cancer-associated fibroblasts through upregulation of the lysosomal protease cathepsin S. , 2022, 10, e003591.		13
5	The ABCs of Antigen Presentation by Stromal Non-Professional Antigen-Presenting Cells. International Journal of Molecular Sciences, 2022, 23, 137.	4.1	11
6	Contribution of CD3+CD8- and CD3+CD8+ T Cells to TNF-Î± Overexpression in Crohn Diseaseâ€“Associated Perianal Fistulas and Induction of Epithelial-Mesenchymal Transition in HT-29 Cells. Inflammatory Bowel Diseases, 2021, 27, 538-549.	1.9	11
7	Tumourâ€stroma ratio has poor prognostic value in nonpedunculated T1 colorectal cancer: A multicentre caseâ€cohort study. United European Gastroenterology Journal, 2021, 9, 478-485.	3.8	13
8	A Comprehensive Review of Infectious Granulomatous Diseases of the Gastrointestinal Tract. Gastroenterology Research and Practice, 2021, 2021, 1-20.	1.5	5
9	Kinome-wide analysis of the effect of statins in colorectal cancer. British Journal of Cancer, 2021, 124, 1978-1987.	6.4	8
10	Endoglin/CD105-Based Imaging of Cancer and Cardiovascular Diseases: A Systematic Review. International Journal of Molecular Sciences, 2021, 22, 4804.	4.1	10
11	Translating complexity and heterogeneity of pancreatic tumor: 3D in vitro to in vivo models. Advanced Drug Delivery Reviews, 2021, 174, 265-293.	13.7	53
12	Epithelial argininosuccinate synthetase is dispensable for intestinal regeneration and tumorigenesis. Cell Death and Disease, 2021, 12, 897.	6.3	4
13	Fibroblast Subsets in Intestinal Homeostasis, Carcinogenesis, Tumor Progression, and Metastasis. Cancers, 2021, 13, 183.	3.7	12
14	Endoglin Targeting: Lessons Learned and Questions That Remain. International Journal of Molecular Sciences, 2021, 22, 147.	4.1	22
15	Targeting Endoglin Expressing Cells in the Tumor Microenvironment Does Not Inhibit Tumor Growth in a Pancreatic Cancer Mouse Model. OncoTargets and Therapy, 2021, Volume 14, 5205-5220.	2.0	5
16	673â€…(Re-) Solving the biology of colorectal cancer onset and progression to improve treatment and prevention. , 2021, 9, A701-A701.		0
17	Adenoviral vaccines promote protective tissue-resident memory T cell populations against cancer. , 2020, 8, e001133.		12
18	Extracellular BMP Antagonists, Multifaceted Orchestrators in the Tumor and Its Microenvironment. International Journal of Molecular Sciences, 2020, 21, 3888.	4.1	16

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19	Stromal Cells in the Pathogenesis of Inflammatory Bowel Disease. Journal of Crohn's and Colitis, 2020, 14, 995-1009.	1.3	36
20	Endoglin: Beyond the Endothelium. Biomolecules, 2020, 10, 289.	4.0	62
21	Mesenchymal Stromal Cellâ€“Derived Exosomes Contribute to Epithelial Regeneration in Experimental Inflammatory Bowel Disease. Cellular and Molecular Gastroenterology and Hepatology, 2020, 9, 715-717.e8.	4.5	15
22	Bidirectional tumor/stroma crosstalk promotes metastasis in mesenchymal colorectal cancer. Oncogene, 2020, 39, 2453-2466.	5.9	18
23	Targeting Endoglin-Expressing Regulatory T Cells in the Tumor Microenvironment Enhances the Effect of PD1 Checkpoint Inhibitor Immunotherapy. Clinical Cancer Research, 2020, 26, 3831-3842.	7.0	28
24	The Role of Active Inflammation and Surgical Therapy in Crohnâ€™s Disease Recurrence. Gastroenterology Research and Practice, 2020, 2020, 1-6.	1.5	4
25	Prostaglandin F2Î±-induced Prostate Transmembrane Protein, Androgen Induced 1 mediates ovarian cancer progression increasing epithelial plasticity. Neoplasia, 2019, 21, 1073-1084.	5.3	8
26	Targeting of the Cancer-Associated Fibroblastâ€”T-Cell Axis in Solid Malignancies. Journal of Clinical Medicine, 2019, 8, 1989.	2.4	42
27	DUSP10 Is a Regulator of YAP1 Activity Promoting Cell Proliferation and Colorectal Cancer Progression. Cancers, 2019, 11, 1767.	3.7	8
28	Abstract 291: Synergistic inhibition of cancer invasion and metastasis by combined anti-PD1-TRC105-mediated Endoglin targeting on cancer-associated fibroblasts and endothelial cells. , 2019, , .		0
29	Mesenchymal stromal cells prevent progression of liver fibrosis in a novel zebrafish embryo model. Scientific Reports, 2018, 8, 16005.	3.3	17
30	Endoscopic Administration of Mesenchymal Stromal Cells Reduces Inflammation in Experimental Colitis. Inflammatory Bowel Diseases, 2018, 24, 1755-1767.	1.9	16
31	Endoglin Expression on Cancer-Associated Fibroblasts Regulates Invasion and Stimulates Colorectal Cancer Metastasis. Clinical Cancer Research, 2018, 24, 6331-6344.	7.0	138
32	Tumor-draining lymph nodes are pivotal in PD-1/PD-L1 checkpoint therapy. JCI Insight, 2018, 3, .	5.0	216
33	Fluid shear stress-induced TGF-Î²/ALK5 signaling in renal epithelial cells is modulated by MEK1/2. Cellular and Molecular Life Sciences, 2017, 74, 2283-2298.	5.4	27
34	Putting the Wnt up colon cancer. Gut, 2017, 66, 983-984.	12.1	2
35	BMP-9 interferes with liver regeneration and promotes liver fibrosis. Gut, 2017, 66, 939-954.	12.1	107
36	Endoglin as an Important Regulator of Colorectal Cancer Invasion and Metastasis. Gastroenterology, 2017, 152, S87.	1.3	0

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37	Endoscopic Bowel Injections of Mesenchymal Stromal Cells Alleviate Experimental Colitis. Gastroenterology, 2017, 152, S30.	1.3	0
38	ALK1Fc Suppresses the Human Prostate Cancer Growth in in Vitro and in Vivo Preclinical Models. Frontiers in Cell and Developmental Biology, 2017, 5, 104.	3.7	3
39	The adaptive immune system promotes initiation of prostate carcinogenesis in a human c-Myc transgenic mouse model. Oncotarget, 2017, 8, 93867-93877.	1.8	15
40	Effects of ALK1Fc treatment on prostate cancer cells interacting with bone and bone cells in bone metastasis models.. Journal of Clinical Oncology, 2017, 35, e16576-e16576.	1.6	0
41	Selecting Targets for Tumor Imaging: An Overview of Cancer-Associated Membrane Proteins. Biomarkers in Cancer, 2016, 8, BIC.S38542.	3.6	82
42	Endoglin targeting inhibits tumor angiogenesis and metastatic spread in breast cancer. Oncogene, 2016, 35, 4069-4079.	5.9	55
43	Activin Receptor-like Kinase 1 Ligand Trap Reduces Microvascular Density and Improves Chemotherapy Efficiency to Various Solid Tumors. Clinical Cancer Research, 2016, 22, 96-106.	7.0	47
44	Prognostic value and clinicopathologic characteristics of L1 cell adhesion molecule (L1CAM) in a large series of vulvar squamous cell carcinomas. Oncotarget, 2016, 7, 26192-26205.	1.8	5
45	Fibulin-4 deficiency increases TGF-Î²2 signalling in aortic smooth muscle cells due to elevated TGF-Î²2 levels. Scientific Reports, 2015, 5, 16872.	3.3	22
46	The BMP pathway either enhances or inhibits the Wnt pathway depending on the SMAD4 and p53 status in CRC. British Journal of Cancer, 2015, 112, 122-130.	6.4	61
47	Endoglin Regulation of Smad2 Function Mediates Beclin1 Expression and Endothelial Autophagy. Journal of Biological Chemistry, 2015, 290, 14884-14892.	3.4	28
48	IL-17-producing Î³Î´ T cells and neutrophils conspire to promote breast cancer metastasis. Nature, 2015, 522, 345-348.	27.8	1,303
49	Abstract 1370: Activin receptor-like kinase 1 ligand trap reduces microvascular density and improves chemotherapy efficiency to various solid tumors. , 2015, , .		1
50	Abstract 4130: Dual targeting of VEGF and endoglin inhibits tumor angiogenesis and metastatic spread. , 2015, , .		0
51	Nuclear receptor NR4A1 promotes breast cancer invasion and metastasis by activating TGF-Î²2 signalling. Nature Communications, 2014, 5, 3388.	12.8	156
52	Interaction with colon cancer cells hyperactivates TGF-Î²2 signaling in cancer-associated fibroblasts. Oncogene, 2014, 33, 97-107.	5.9	216
53	Src-mediated Post-translational Regulation of Endoglin Stability and Function Is Critical for Angiogenesis. Journal of Biological Chemistry, 2014, 289, 25486-25496.	3.4	18
54	Su1860 Fibroblasts Promote Invasion in SMAD4 Negative Colorectal Cancers by Producing BMP-2. Gastroenterology, 2014, 146, S-488.	1.3	0

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55	ENDOGLIN Is Dispensable for Vasculogenesis, but Required for Vascular Endothelial Growth Factor-Induced Angiogenesis. PLoS ONE, 2014, 9, e86273.	2.5	59
56	Extracellular Matrix Defects in Aneurysmal Fibulin-4 Mice Predispose to Lung Emphysema. PLoS ONE, 2014, 9, e106054.	2.5	17
57	Circulating bone morphogenetic protein levels and delayed fracture healing. International Orthopaedics, 2013, 37, 523-527.	1.9	45
58	The prognostic role of TGF-Î² signaling pathway in breast cancer patients. Annals of Oncology, 2013, 24, 384-390.	1.2	65
59	Endoglin for tumor imaging and targeted cancer therapy. Expert Opinion on Therapeutic Targets, 2013, 17, 421-435.	3.4	37
60	Activin receptor-like kinase 1 as a target for anti-angiogenesis therapy. Expert Opinion on Investigational Drugs, 2013, 22, 1371-1383.	4.1	33
61	138. The prognostic role of TGF-Î² signaling pathway in breast cancer patients. European Journal of Surgical Oncology, 2012, 38, 777.	1.0	0
62	MMP-2 and MMP-9 in normal mucosa are independently associated with outcome of colorectal cancer patients. British Journal of Cancer, 2012, 106, 1495-1498.	6.4	68
63	Exploring anti-TGF-Î² therapies in cancer and fibrosis. Growth Factors, 2011, 29, 140-152.	1.7	134
64	Angiogenic markers endoglin and vascular endothelial growth factor in gastroenteropancreatic neuroendocrine tumors. World Journal of Gastroenterology, 2011, 17, 219.	3.3	28
65	Elevated TGFÎ²â€“Smad signalling in experimental Pkd1 models and human patients with polycystic kidney disease. Journal of Pathology, 2010, 222, 21-31.	4.5	89
66	Multimodality Imaging Reveals a Gradual Increase in Matrix Metalloproteinase Activity at Aneurysmal Lesions in Live Fibulin-4 Mice. Circulation: Cardiovascular Imaging, 2010, 3, 567-577.	2.6	50
67	Matrix Metalloproteinase-14 (MT1-MMP)â€“Mediated Endoglin Shedding Inhibits Tumor Angiogenesis. Cancer Research, 2010, 70, 4141-4150.	0.9	231
68	Genetic and pharmacological targeting of activin receptor-like kinase 1 impairs tumor growth and angiogenesis. Journal of Experimental Medicine, 2010, 207, 85-100.	8.5	159
69	5-Aminosalicylic acid inhibits TGF-Î²1 signalling in colorectal cancer cells. Cancer Letters, 2010, 287, 82-90.	7.2	20
70	Genetic and pharmacological targeting of activin receptor-like kinase 1 impairs tumor growth and angiogenesis. Journal of Cell Biology, 2010, 188, i1-i1.	5.2	0
71	Active TGFâ€Î²1 correlates with myofibroblasts and malignancy in the colorectal adenomaâ€carcinoma sequence. Cancer Science, 2009, 100, 663-670.	3.9	42
72	488 Protein Level and Gene Promoter Polymorphism of Matrilysin (Mmp-7) Are Independent Prognostic Factors for Survival of Colorectal Cancer Patients. Gastroenterology, 2008, 134, A-66.	1.3	2

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73	MMP-2 geno-phenotype is prognostic for colorectal cancer survival, whereas MMP-9 is not. British Journal of Cancer, 2008, 98, 1820-1823.	6.4	43
74	VEGF release by MMP-9 mediated heparan sulphate cleavage induces colorectal cancer angiogenesis. European Journal of Cancer, 2008, 44, 1904-1913.	2.8	177
75	Tissue level, activation and cellular localisation of TGF-Î²1 and association with survival in gastric cancer patients. British Journal of Cancer, 2007, 97, 398-404.	6.4	80
76	Clinical evidence for a protective role of lipocalin-2 against MMP-9 autodegradation and the impact for gastric cancer. European Journal of Cancer, 2007, 43, 1869-1876.	2.8	128
77	Efficient degradation-aided selection of protease inhibitors by phage display. Biochemical and Biophysical Research Communications, 2007, 364, 549-555.	2.1	7
78	Endothelium specific matrilysin (MMP-7) expression in human cancers. Matrix Biology, 2007, 27, 267-71.	3.6	13
79	Determination of matrilysin activity in gastrointestinal neoplasia. European Journal of Clinical Investigation, 2007, 37, 598-599.	3.4	4