Florian R Greten

List of Publications by Year
in descending order

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108	36,176	23544	27389
papers	citations	58 h-index	106 g-index

111	111	111	48076
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Immunity, Inflammation, and Cancer. Cell, 2010, 140, 883-899.	13.5	8,516
2	NF-Î²B: linking inflammation and immunity to cancer development and progression. Nature Reviews Immunology, 2005, 5, 749-759.	10.6	2,745
3	NF-Î²B in cancer: from innocent bystander to major culprit. Nature Reviews Cancer, 2002, 2, 301-310.	12.8	2,341
4	IKKÎ² Links Inflammation and Tumorigenesis in a Mouse Model of Colitis-Associated Cancer. Cell, 2004, 118, 285-296.	13.5	2,277
5	A framework for advancing our understanding of cancer-associated fibroblasts. Nature Reviews Cancer, 2020, 20, 174-186.	12.8	2,012
6	Inflammation and Cancer: Triggers, Mechanisms, and Consequences. Immunity, 2019, 51, 27-41.	6.6	1,946
7	IKK-Î² links inflammation to obesity-induced insulin resistance. Nature Medicine, 2005, 11, 191-198.	15.2	1,591
8	Activation by IKKalpha of a Second, Evolutionary Conserved, NF-kappa B Signaling Pathway. Science, 2001, 293, 1495-1499.	6.0	1,278
9	Intestinal Tumorigenesis Initiated by Dedifferentiation and Acquisition of Stem-Cell-like Properties. Cell, 2013, 152, 25-38.	13.5	889
10	gp130-Mediated Stat3 Activation in Enterocytes Regulates Cell Survival and Cell-Cycle Progression during Colitis-Associated Tumorigenesis. Cancer Cell, 2009, 15, 91-102.	7.7	852
11	IL-6R/STAT3/miR-34a feedback loop promotes EMT-mediated colorectal cancer invasion and metastasis. Journal of Clinical Investigation, 2014, 124, 1853-1867.	3.9	613
12	NF-Î²B Is a Negative Regulator of IL-1Î² Secretion as Revealed by Genetic and Pharmacological Inhibition of IKKÎ². Cell, 2007, 130, 918-931.	13.5	566
13	The two faces of IKK and NF-Î²B inhibition: prevention of systemic inflammation but increased local injury following intestinal ischemia-reperfusion. Nature Medicine, 2003, 9, 575-581.	15.2	506
14	Epithelial-cell-intrinsic IKK-Î² expression regulates intestinal immune homeostasis. Nature, 2007, 446, 552-556.	13.7	479
15	Macrophage Apoptosis by Anthrax Lethal Factor Through p38 MAP Kinase Inhibition. Science, 2002, 297, 2048-2051.	6.0	468
16	IKKÎ± Provides an Essential Link between RANK Signaling and Cyclin D1 Expression during Mammary Gland Development. Cell, 2001, 107, 763-775.	13.5	459
17	The IKK/NF-Î²B activation pathwayâ€"a target for prevention and treatment of cancer. Cancer Letters, 2004, 206, 193-199.	3.2	378
18	High-fat-diet-mediated dysbiosis promotes intestinal carcinogenesis independently of obesity. Nature, 2014, 514, 508-512.	13.7	366

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19	IKK/NFâ€ÎºB and STAT3 pathways: central signalling hubs in inflammationâ€mediated tumour promotion and metastasis. EMBO Reports, 2009, 10, 1314-1319.	2.0	364
20	Interleukin-11 Is the Dominant IL-6 Family Cytokine during Gastrointestinal Tumorigenesis and Can Be Targeted Therapeutically. Cancer Cell, 2013, 24, 257-271.	7.7	341
21	ROS Production and NF-ÎºB Activation Triggered by RAC1 Facilitate WNT-Driven Intestinal Stem Cell Proliferation and Colorectal Cancer Initiation. Cell Stem Cell, 2013, 12, 761-773.	5.2	340
22	Signaling Pathways and Genes that Inhibit Pathogen-Induced Macrophage Apoptosisâ€" CREB and NF-ÎºB as Key Regulators. Immunity, 2005, 23, 319-329.	6.6	289
23	Hypoxia-inducible factors 1 and 2 are important transcriptional effectors in primary macrophages experiencing hypoxia. Blood, 2009, 114, 844-859.	0.6	271
24	The inflammatory pathogenesis of colorectal cancer. Nature Reviews Immunology, 2021, 21, 653-667.	10.6	270
25	Loss of p53 in Enterocytes Generates an Inflammatory Microenvironment Enabling Invasion and Lymph Node Metastasis of Carcinogen-Induced Colorectal Tumors. Cancer Cell, 2013, 23, 93-106.	7.7	241
26	Myeloid Cell-Derived Reactive Oxygen Species Induce Epithelial Mutagenesis. Cancer Cell, 2017, 32, 869-883.e5.	7.7	232
27	Aberrant epithelial GREM1 expression initiates colonic tumorigenesis from cells outside the stem cell niche. Nature Medicine, 2015, 21, 62-70.	15.2	213
28	Glutathione peroxidase 4 prevents necroptosis in mouse erythroid precursors. Blood, 2016, 127, 139-148.	0.6	192
29	IÂB-kinaseÂ-dependent NF-ÂB activation provides radioprotection to the intestinal epithelium. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 2452-2457.	3.3	185
30	STAT3 activation through IL-6/IL-11 in cancer-associated fibroblasts promotes colorectal tumour development and correlates with poor prognosis. Gut, 2020, 69, 1269-1282.	6.1	181
31	A murine tumor progression model for pancreatic cancer recapitulating the genetic alterations of the human disease. Genes and Development, 2001, 15, 286-293.	2.7	178
32	Inflammation and mitochondrial fatty acid Î²-oxidation link obesity to early tumor promotion. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3354-3359.	3.3	174
33	High levels of the soluble programmed death-ligand (sPD-L1) identify hepatocellular carcinoma patients with a poor prognosis. European Journal of Cancer, 2016, 59, 152-159.	1.3	174
34	Fructose stimulated de novo lipogenesis is promoted by inflammation. Nature Metabolism, 2020, 2, 1034-1045.	5.1	174
35	Cell plasticity in epithelial homeostasis and tumorigenesis. Nature Cell Biology, 2017, 19, 1133-1141.	4.6	170
36	Ink4a/Arf and Oncogene-Induced Senescence Prevent Tumor Progression during Alternative Colorectal Tumorigenesis. Cancer Cell, 2010, 18, 135-146.	7.7	164

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37	Therapeutic Ablation of Gain-of-Function Mutant p53 in Colorectal Cancer Inhibits Stat3-Mediated Tumor Growth and Invasion. Cancer Cell, 2018, 34, 298-314.e7.	7.7	162
38	Mesenchymal Cells in Colon Cancer. Gastroenterology, 2017, 152, 964-979.	0.6	158
39	Stat3 and NF-Î¹B activation prevents apoptosis in pancreatic carcinogenesis. Gastroenterology, 2002, 123, 2052-2063.	0.6	155
40	Nonconventional Initiation Complex Assembly by STAT and NF-Î¹B Transcription Factors Regulates Nitric Oxide Synthase Expression. Immunity, 2010, 33, 25-34.	6.6	151
41	Opposing functions of IKKÎ² during acute and chronic intestinal inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15058-15063.	3.3	148
42	Linear ubiquitination of cytosolic Salmonella Typhimurium activates NF-Î¹B and restricts bacterial proliferation. Nature Microbiology, 2017, 2, 17066.	5.9	145
43	The Gastrointestinal Tumor Microenvironment. Gastroenterology, 2013, 145, 63-78.	0.6	123
44	Inflammatory fibroblasts mediate resistance to neoadjuvant therapy in rectal cancer. Cancer Cell, 2022, 40, 168-184.e13.	7.7	117
45	IKKÎ² acts as a tumor suppressor in cancer-associated fibroblasts during intestinal tumorigenesis. Journal of Experimental Medicine, 2015, 212, 2253-2266.	4.2	116
46	Oocyte DNA damage quality control requires consecutive interplay of CHK2 and CK1 to activate p63. Nature Structural and Molecular Biology, 2018, 25, 261-269.	3.6	112
47	Inflammation and cancer: tissue regeneration gone awry. Current Opinion in Cell Biology, 2016, 43, 55-61.	2.6	110
48	Modulating inflammation for cancer therapy. Journal of Experimental Medicine, 2019, 216, 1234-1243.	4.2	108
49	Î¹BÎ² is an essential co-activator for LPS-induced IL-1Î² transcription in vivo. Journal of Experimental Medicine, 2010, 207, 2621-2630.	4.2	95
50	Tumor fibroblastâ€“derived epiregulin promotes growth of colitis-associated neoplasms through ERK. Journal of Clinical Investigation, 2013, 123, 1428-1443.	3.9	95
51	Mitophagy in Intestinal Epithelial Cells Triggers Adaptive Immunity during Tumorigenesis. Cell, 2018, 174, 88-101.e16.	13.5	93
52	IKKÎ± controls p52/RelB at the skp2 gene promoter to regulate G1- to S-phase progression. EMBO Journal, 2006, 25, 3801-3812.	3.5	89
53	Up and downregulation of p16Ink4a expression in BRAF-mutated polyps/adenomas indicates a senescence barrier in the serrated route to colon cancer. Modern Pathology, 2011, 24, 1015-1022.	2.9	88
54	Polyol Pathway Links Glucose Metabolism to the Aggressiveness of Cancer Cells. Cancer Research, 2018, 78, 1604-1618.	0.4	83

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55	Opioid receptors from a lower vertebrate (Catostomus commersoni): Sequence, pharmacology, coupling to a G-protein-gated inward-rectifying potassium channel (GIRK1), and evolution. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 8214-8219.	3.3	79
56	EGFR in Tumor-Associated Myeloid Cells Promotes Development of Colorectal Cancer in Mice and Associates With Outcomes ofÂPatients. Gastroenterology, 2017, 153, 178-190.e10.	0.6	72
57	Immune cell - produced ROS and their impact on tumor growth and metastasis. Redox Biology, 2021, 42, 101891.	3.9	72
58	Inhibiting signal transducer and activator of transcription 3: rationality and rationale design of inhibitors. Expert Opinion on Investigational Drugs, 2011, 20, 1263-1275.	1.9	68
59	Pseudo-HE images derived from CARS/TPEF/SHG multimodal imaging in combination with Raman-spectroscopy as a pathological screening tool. BMC Cancer, 2016, 16, 534.	1.1	66
60	A Wnt-Induced Phenotypic Switch in Cancer-Associated Fibroblasts Inhibits EMT in Colorectal Cancer. Cancer Research, 2020, 80, 5569-5582.	0.4	64
61	Bcl-2 is a critical mediator of intestinal transformation. Nature Communications, 2016, 7, 10916.	5.8	55
62	IKKÎ± controls ATG16L1 degradation to prevent ER stress during inflammation. Journal of Experimental Medicine, 2017, 214, 423-437.	4.2	55
63	Card9â€dependent ILâ€1Î² regulates ILâ€22 production from group 3 innate lymphoid cells and promotes colitisâ€associated cancer. European Journal of Immunology, 2017, 47, 1342-1353.	1.6	54
64	Transgenic overexpression of amphiregulin induces a mitogenic response selectively in pancreatic duct cells. Gastroenterology, 2002, 122, 1898-1912.	0.6	51
65	The architect who never sleeps: Tumorâ€induced plasticity. FEBS Letters, 2014, 588, 2422-2427.	1.3	50
66	Concurrent video-rate color and near-infrared fluorescence laparoscopy. Journal of Biomedical Optics, 2013, 18, 101302.	1.4	48
67	TGFÎ² pathway limits dedifferentiation following WNT and MAPK pathway activation to suppress intestinal tumourigenesis. Cell Death and Differentiation, 2017, 24, 1681-1693.	5.0	48
68	AKT-dependent NOTCH3 activation drives tumor progression in a model of mesenchymal colorectal cancer. Journal of Experimental Medicine, 2020, 217, .	4.2	48
69	S1PR4 ablation reduces tumor growth and improves chemotherapy via CD8+ T cell expansion. Journal of Clinical Investigation, 2020, 130, 5461-5476.	3.9	48
70	Inducible mouse models of colon cancer for the analysis of sporadic and inflammation-driven tumor progression and lymph node metastasis. Nature Protocols, 2021, 16, 61-85.	5.5	46
71	TGFÎ± transgenic mice. Pancreatology, 2001, 1, 363-368.	0.5	43
72	Genetically Induced Pancreatic Adenocarcinoma Is Highly Immunogenic and Causes Spontaneous Tumor-Specific Immune Responses. Cancer Research, 2006, 66, 508-516.	0.4	40

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73	Regulation of cyclin D1 expression by autocrine IGF-I in human BON neuroendocrine tumour cells. Oncogene, 2005, 24, 1284-1289.	2.6	38
74	IKK- and NF-Î¹B-Mediated Functions in Carcinogenesis. Current Topics in Microbiology and Immunology, 2010, 349, 159-169.	0.7	37
75	Cyclosporine Inhibits Growth through the Activating Transcription Factor/cAMP-responsive Element-binding Protein Binding Site in the Cyclin D1 Promoter. Journal of Biological Chemistry, 2002, 277, 43599-43607.	1.6	35
76	TNF-Î±â€“dependent loss of IKKÎ²-deficient myeloid progenitors triggers a cytokine loop culminating in granulocytosis. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6567-6572.	3.3	34
77	Trp53 Deficiency Protects against Acute Intestinal Inflammation. Journal of Immunology, 2013, 191, 837-847.	0.4	34
78	SelectiveIn VivoImaging of Syngeneic, Spontaneous, and Xenograft Tumors Using a Novel Tumor Cellâ€“Specific Hsp70 Peptide-Based Probe. Cancer Research, 2014, 74, 6903-6912.	0.4	28
79	NoxO1 Controls Proliferation of Colon Epithelial Cells. Frontiers in Immunology, 2018, 9, 973.	2.2	27
80	Circulating hypoxia marker carbonic anhydrase IX (CA9) in patients with hepatocellular carcinoma and patients with cirrhosis. PLoS ONE, 2018, 13, e0200855.	1.1	24
81	IKKÎ± Promotes Intestinal Tumorigenesis by Limiting Recruitment of M1-like Polarized Myeloid Cells. Cell Reports, 2014, 7, 1914-1925.	2.9	22
82	Fungi Enter the Stage of Colon Carcinogenesis. Immunity, 2018, 49, 384-386.	6.6	22
83	The Prosurvival IKK-Related Kinase IKKÏµ Integrates LPS and IL17A Signaling Cascades to Promote Wnt-Dependent Tumor Development in the Intestine. Cancer Research, 2016, 76, 2587-2599.	0.4	21
84	Systematic evaluation of the biological variance within the Raman based colorectal tissue diagnostics. Journal of Biophotonics, 2016, 9, 533-541.	1.1	19
85	YAP1 Takes Over when Oncogenic K-Ras Slumbers. Cell, 2014, 158, 11-12.	13.5	18
86	Pattern of secondary genomic changes in pancreatic tumors ofTgfÎ±/Trp53+/â^'transgenic mice. Genes Chromosomes and Cancer, 2003, 38, 240-248.	1.5	17
87	Murine pancreatic tumor cell line TD2 bears the characteristic pattern of genetic changes with two independently amplified gene loci. Oncogene, 2003, 22, 6802-6809.	2.6	17
88	Tumour stem-cell surprises. Nature, 2017, 543, 626-627.	13.7	16
89	Tolerizing CTL by Sustained Hepatic PD-L1 Expression Provides a New Therapy Approach in Mouse Sepsis. Theranostics, 2019, 9, 2003-2016.	4.6	13
90	Loss of Stat6 affects chromatin condensation in intestinal epithelial cells causing diverse outcome in murine models of inflammation-associated and sporadic colon carcinogenesis. Oncogene, 2019, 38, 1787-1801.	2.6	13

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91	TAK1 and IKK2, novel mediators of SCF-induced signaling and potential targets for c-Kit-driven diseases. Oncotarget, 2015, 6, 28833-28850.	0.8	13
92	Subthreshold IKK activation modulates the effector functions of primary mast cells and allows specific targeting of transformed mast cells. Oncotarget, 2015, 6, 5354-5368.	0.8	12
93	Peering into the aftermath: JAKi rips STAT3 in cancer. Nature Medicine, 2010, 16, 1085-1087.	15.2	11
94	KMT9 Controls Stemness and Growth of Colorectal Cancer. Cancer Research, 2022, 82, 210-220.	0.4	11
95	TAK1: Another mesh in the NF-Î²B â€“ JNK controlled network causing hepatocellular carcinoma. Journal of Hepatology, 2011, 55, 721-723.	1.8	10
96	Disruption of Prostaglandin E2 Signaling in Cancer-Associated Fibroblasts Limits Mammary Carcinoma Growth but Promotes Metastasis. Cancer Research, 2022, 82, 1380-1395.	0.4	10
97	Targeting c-MYC through Interference with NAMPT and SIRT1 and Their Association to Oncogenic Drivers in Murine Serrated Intestinal Tumorigenesis. Neoplasia, 2019, 21, 974-988.	2.3	9
98	Chronic intestinal inflammation in mice expressing viral Flip in epithelial cells. Mucosal Immunology, 2018, 11, 1621-1629.	2.7	8
99	Cell Autonomous and Non-Autonomous Functions of IKKÎ² and NF-Î²B during the Pathogenesis of Gastrointestinal Tumors. Cancers, 2011, 3, 2214-2222.	1.7	7
100	ACO/ARO/AIO-21 - Capecitabine-based chemoradiotherapy in combination with the IL-1 receptor antagonist anakinra for rectal cancer Patients: A phase I trial of the German rectal cancer study group. Clinical and Translational Radiation Oncology, 2022, 34, 99-106.	0.9	7
101	Linking inflammation to cancer â€“ A novel role for Stat3. Cytokine, 2009, 48, 44.	1.4	3
102	The Iron y of Tumor-Induced Inflammation. Cell Metabolism, 2016, 24, 368-369.	7.2	3
103	Canonical NF-Î²B signaling in myeloid cells promotes lung metastasis in a mouse breast cancer model. Oncotarget, 2018, 9, 16775-16791.	0.8	3
104	Lifting the Mist on Gastric Stem Cells. Cell Stem Cell, 2016, 18, 7-9.	5.2	2
105	Nuclear Factor-Î²B in Apoptosis and Tumorigenesis. , 0, , 445-461.		0
106	171 Intestinal Epithelial Cell-derived TSLP Regulates DC and CD4 T Cell Responses in the Gastrointestinal Tract. Cytokine, 2007, 39, 47.	1.4	0
107	IKKÎ² acts as a tumor suppressor in cancer-associated fibroblasts during intestinal tumorigenesis. Journal of Cell Biology, 2015, 211, 2115OIA274.	2.3	0
108	Abstract 450: Aldo-keto reductase family 1 member b1 links glucose metabolism to epithelial-to-mesenchymal transition. , 2017, , .		0