

Florian R Greten

List of Publications by Citations

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103
papers

27,856
citations

52
h-index

111
g-index

111
ext. papers

32,335
ext. citations

18.3
avg, IF

7.4
L-index

#	Paper	IF	Citations
103	Immunity, inflammation, and cancer. <i>Cell</i> , 2010 , 140, 883-99	56.2	6783
102	NF-kappaB: linking inflammation and immunity to cancer development and progression. <i>Nature Reviews Immunology</i> , 2005 , 5, 749-59	36.5	2424
101	NF-kappaB in cancer: from innocent bystander to major culprit. <i>Nature Reviews Cancer</i> , 2002 , 2, 301-10	31.3	2149
100	IKKbeta links inflammation and tumorigenesis in a mouse model of colitis-associated cancer. <i>Cell</i> , 2004 , 118, 285-96	56.2	2038
99	IKK-beta links inflammation to obesity-induced insulin resistance. <i>Nature Medicine</i> , 2005 , 11, 191-8	50.5	1422
98	Activation by IKKalpha of a second, evolutionary conserved, NF-kappa B signaling pathway. <i>Science</i> , 2001 , 293, 1495-9	33.3	1151
97	A framework for advancing our understanding of cancer-associated fibroblasts. <i>Nature Reviews Cancer</i> , 2020 , 20, 174-186	31.3	790
96	gp130-mediated Stat3 activation in enterocytes regulates cell survival and cell-cycle progression during colitis-associated tumorigenesis. <i>Cancer Cell</i> , 2009 , 15, 91-102	24.3	751
95	Inflammation and Cancer: Triggers, Mechanisms, and Consequences. <i>Immunity</i> , 2019 , 51, 27-41	32.3	746
94	Intestinal tumorigenesis initiated by dedifferentiation and acquisition of stem-cell-like properties. <i>Cell</i> , 2013 , 152, 25-38	56.2	723
93	NF-kappaB is a negative regulator of IL-1beta secretion as revealed by genetic and pharmacological inhibition of IKKbeta. <i>Cell</i> , 2007 , 130, 918-31	56.2	488
92	IL-6R/STAT3/miR-34a feedback loop promotes EMT-mediated colorectal cancer invasion and metastasis. <i>Journal of Clinical Investigation</i> , 2014 , 124, 1853-67	15.9	463
91	The two faces of IKK and NF-kappaB inhibition: prevention of systemic inflammation but increased local injury following intestinal ischemia-reperfusion. <i>Nature Medicine</i> , 2003 , 9, 575-81	50.5	446
90	Epithelial-cell-intrinsic IKK-beta expression regulates intestinal immune homeostasis. <i>Nature</i> , 2007 , 446, 552-6	50.4	429
89	Macrophage apoptosis by anthrax lethal factor through p38 MAP kinase inhibition. <i>Science</i> , 2002 , 297, 2048-51	33.3	424
88	IKKalpha provides an essential link between RANK signaling and cyclin D1 expression during mammary gland development. <i>Cell</i> , 2001 , 107, 763-75	56.2	412
87	The IKK/NF-kappaB activation pathway-a target for prevention and treatment of cancer. <i>Cancer Letters</i> , 2004 , 206, 193-9	9.9	335

86	IKK/NF-kappaB and STAT3 pathways: central signalling hubs in inflammation-mediated tumour promotion and metastasis. <i>EMBO Reports</i> , 2009 , 10, 1314-9	6.5	312
85	High-fat-diet-mediated dysbiosis promotes intestinal carcinogenesis independently of obesity. <i>Nature</i> , 2014 , 514, 508-12	50.4	284
84	ROS production and NF- κ B activation triggered by RAC1 facilitate WNT-driven intestinal stem cell proliferation and colorectal cancer initiation. <i>Cell Stem Cell</i> , 2013 , 12, 761-73	18	282
83	Interleukin-11 is the dominant IL-6 family cytokine during gastrointestinal tumorigenesis and can be targeted therapeutically. <i>Cancer Cell</i> , 2013 , 24, 257-71	24.3	272
82	Signaling pathways and genes that inhibit pathogen-induced macrophage apoptosis--CREB and NF-kappaB as key regulators. <i>Immunity</i> , 2005 , 23, 319-29	32.3	253
81	Hypoxia-inducible factors 1 and 2 are important transcriptional effectors in primary macrophages experiencing hypoxia. <i>Blood</i> , 2009 , 114, 844-59	2.2	226
80	Loss of p53 in enterocytes generates an inflammatory microenvironment enabling invasion and lymph node metastasis of carcinogen-induced colorectal tumors. <i>Cancer Cell</i> , 2013 , 23, 93-106	24.3	203
79	IkappaB-kinasebeta-dependent NF-kappaB activation provides radioprotection to the intestinal epithelium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 2452-7	11.5	169
78	A murine tumor progression model for pancreatic cancer recapitulating the genetic alterations of the human disease. <i>Genes and Development</i> , 2001 , 15, 286-93	12.6	164
77	Aberrant epithelial GREM1 expression initiates colonic tumorigenesis from cells outside the stem cell niche. <i>Nature Medicine</i> , 2015 , 21, 62-70	50.5	163
76	Inflammation and mitochondrial fatty acid beta-oxidation link obesity to early tumor promotion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 3354-9	11.5	147
75	Stat3 and NF-kappaB activation prevents apoptosis in pancreatic carcinogenesis. <i>Gastroenterology</i> , 2002 , 123, 2052-63	13.3	145
74	High levels of the soluble programmed death-ligand (sPD-L1) identify hepatocellular carcinoma patients with a poor prognosis. <i>European Journal of Cancer</i> , 2016 , 59, 152-159	7.5	137
73	Ink4a/Arf and oncogene-induced senescence prevent tumor progression during alternative colorectal tumorigenesis. <i>Cancer Cell</i> , 2010 , 18, 135-46	24.3	134
72	Myeloid Cell-Derived Reactive Oxygen Species Induce Epithelial Mutagenesis. <i>Cancer Cell</i> , 2017 , 32, 869-883.e5133	24.3	133
71	Opposing functions of IKKbeta during acute and chronic intestinal inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 15058-63	11.5	126
70	Cell plasticity in epithelial homeostasis and tumorigenesis. <i>Nature Cell Biology</i> , 2017 , 19, 1133-1141	23.4	124
69	Glutathione peroxidase 4 prevents necroptosis in mouse erythroid precursors. <i>Blood</i> , 2016 , 127, 139-48	2.2	123

68	Nonconventional initiation complex assembly by STAT and NF-kappaB transcription factors regulates nitric oxide synthase expression. <i>Immunity</i> , 2010 , 33, 25-34	32.3	114
67	The gastrointestinal tumor microenvironment. <i>Gastroenterology</i> , 2013 , 145, 63-78	13.3	105
66	Mesenchymal Cells in Colon Cancer. <i>Gastroenterology</i> , 2017 , 152, 964-979	13.3	102
65	Linear ubiquitination of cytosolic Salmonella Typhimurium activates NF-B and restricts bacterial proliferation. <i>Nature Microbiology</i> , 2017 , 2, 17066	26.6	101
64	Inflammation and cancer: tissue regeneration gone awry. <i>Current Opinion in Cell Biology</i> , 2016 , 43, 55-61	9	91
63	IKK acts as a tumor suppressor in cancer-associated fibroblasts during intestinal tumorigenesis. <i>Journal of Experimental Medicine</i> , 2015 , 212, 2253-66	16.6	88
62	Therapeutic Ablation of Gain-of-Function Mutant p53 in Colorectal Cancer Inhibits Stat3-Mediated Tumor Growth and Invasion. <i>Cancer Cell</i> , 2018 , 34, 298-314.e7	24.3	83
61	IkappaBbeta is an essential co-activator for LPS-induced IL-1beta transcription in vivo. <i>Journal of Experimental Medicine</i> , 2010 , 207, 2621-30	16.6	83
60	Tumor fibroblast-derived epiregulin promotes growth of colitis-associated neoplasms through ERK. <i>Journal of Clinical Investigation</i> , 2013 , 123, 1428-43	15.9	80
59	IKKalpha controls p52/RelB at the <i>skp2</i> gene promoter to regulate G1- to S-phase progression. <i>EMBO Journal</i> , 2006 , 25, 3801-12	13	77
58	Up and downregulation of p16(Ink4a) expression in BRAF-mutated polyps/adenomas indicates a senescence barrier in the serrated route to colon cancer. <i>Modern Pathology</i> , 2011 , 24, 1015-22	9.8	74
57	Opioid receptors from a lower vertebrate (<i>Catostomus commersoni</i>): sequence, pharmacology, coupling to a G-protein-gated inward-rectifying potassium channel (GIRK1), and evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 8214-9	11.5	73
56	Oocyte DNA damage quality control requires consecutive interplay of CHK2 and CK1 to activate p63. <i>Nature Structural and Molecular Biology</i> , 2018 , 25, 261-269	17.6	66
55	STAT3 activation through IL-6/IL-11 in cancer-associated fibroblasts promotes colorectal tumour development and correlates with poor prognosis. <i>Gut</i> , 2020 , 69, 1269-1282	19.2	66
54	Fructose stimulated de novo lipogenesis is promoted by inflammation. <i>Nature Metabolism</i> , 2020 , 2, 1034-1045	10.45	65
53	Modulating inflammation for cancer therapy. <i>Journal of Experimental Medicine</i> , 2019 , 216, 1234-1243	16.6	64
52	Inhibiting signal transducer and activator of transcription 3: rationality and rationale design of inhibitors. <i>Expert Opinion on Investigational Drugs</i> , 2011 , 20, 1263-75	5.9	61
51	Mitophagy in Intestinal Epithelial Cells Triggers Adaptive Immunity during Tumorigenesis. <i>Cell</i> , 2018 , 174, 88-101.e16	56.2	52

50	EGFR in Tumor-Associated Myeloid Cells Promotes Development of Colorectal Cancer in Mice and Associates With Outcomes of Patients. <i>Gastroenterology</i> , 2017 , 153, 178-190.e10	13.3	51
49	Polyol Pathway Links Glucose Metabolism to the Aggressiveness of Cancer Cells. <i>Cancer Research</i> , 2018 , 78, 1604-1618	10.1	49
48	Pseudo-HE images derived from CARS/TPEF/SHG multimodal imaging in combination with Raman-spectroscopy as a pathological screening tool. <i>BMC Cancer</i> , 2016 , 16, 534	4.8	47
47	Transgenic overexpression of amphiregulin induces a mitogenic response selectively in pancreatic duct cells. <i>Gastroenterology</i> , 2002 , 122, 1898-912	13.3	43
46	IKK β Controls ATG16L1 degradation to prevent ER stress during inflammation. <i>Journal of Experimental Medicine</i> , 2017 , 214, 423-437	16.6	42
45	Concurrent video-rate color and near-infrared fluorescence laparoscopy. <i>Journal of Biomedical Optics</i> , 2013 , 18, 101302	3.5	39
44	Bcl-2 is a critical mediator of intestinal transformation. <i>Nature Communications</i> , 2016 , 7, 10916	17.4	38
43	The inflammatory pathogenesis of colorectal cancer. <i>Nature Reviews Immunology</i> , 2021 , 21, 653-667	36.5	38
42	The architect who never sleeps: tumor-induced plasticity. <i>FEBS Letters</i> , 2014 , 588, 2422-7	3.8	37
41	Genetically induced pancreatic adenocarcinoma is highly immunogenic and causes spontaneous tumor-specific immune responses. <i>Cancer Research</i> , 2006 , 66, 508-16	10.1	36
40	Regulation of cyclin D1 expression by autocrine IGF-I in human BON neuroendocrine tumour cells. <i>Oncogene</i> , 2005 , 24, 1284-9	9.2	36
39	TGF α transgenic mice. A model of pancreatic cancer development. <i>Pancreatology</i> , 2001 , 1, 363-8	3.8	35
38	Card9-dependent IL-1 β regulates IL-22 production from group 3 innate lymphoid cells and promotes colitis-associated cancer. <i>European Journal of Immunology</i> , 2017 , 47, 1342-1353	6.1	34
37	IKK- and NF- κ B-mediated functions in carcinogenesis. <i>Current Topics in Microbiology and Immunology</i> , 2011 , 349, 159-69	3.3	33
36	TGF β pathway limits dedifferentiation following WNT and MAPK pathway activation to suppress intestinal tumorigenesis. <i>Cell Death and Differentiation</i> , 2017 , 24, 1681-1693	12.7	30
35	Trp53 deficiency protects against acute intestinal inflammation. <i>Journal of Immunology</i> , 2013 , 191, 837-43	4.3	30
34	Cyclosporine inhibits growth through the activating transcription factor/cAMP-responsive element-binding protein binding site in the cyclin D1 promoter. <i>Journal of Biological Chemistry</i> , 2002 , 277, 43599-607	5.4	30
33	TNF-alpha-dependent loss of IKKbeta-deficient myeloid progenitors triggers a cytokine loop culminating in granulocytosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 6567-72	11.5	28

32	Selective in vivo imaging of syngeneic, spontaneous, and xenograft tumors using a novel tumor cell-specific hsp70 peptide-based probe. <i>Cancer Research</i> , 2014 , 74, 6903-12	10.1	23
31	A Wnt-Induced Phenotypic Switch in Cancer-Associated Fibroblasts Inhibits EMT in Colorectal Cancer. <i>Cancer Research</i> , 2020 , 80, 5569-5582	10.1	20
30	NoxO1 Controls Proliferation of Colon Epithelial Cells. <i>Frontiers in Immunology</i> , 2018 , 9, 973	8.4	18
29	YAP1 takes over when oncogenic K-Ras slumbers. <i>Cell</i> , 2014 , 158, 11-2	56.2	18
28	Systematic evaluation of the biological variance within the Raman based colorectal tissue diagnostics. <i>Journal of Biophotonics</i> , 2016 , 9, 533-41	3.1	18
27	IKK β promotes intestinal tumorigenesis by limiting recruitment of M1-like polarized myeloid cells. <i>Cell Reports</i> , 2014 , 7, 1914-25	10.6	17
26	The Prosurvival IKK-Related Kinase IKK γ Integrates LPS and IL17A Signaling Cascades to Promote Wnt-Dependent Tumor Development in the Intestine. <i>Cancer Research</i> , 2016 , 76, 2587-99	10.1	16
25	Pattern of secondary genomic changes in pancreatic tumors of Tgf alpha/Trp53+/- transgenic mice. <i>Genes Chromosomes and Cancer</i> , 2003 , 38, 240-8	5	15
24	Immune cell - produced ROS and their impact on tumor growth and metastasis. <i>Redox Biology</i> , 2021 , 42, 101891	11.3	15
23	Circulating hypoxia marker carbonic anhydrase IX (CA9) in patients with hepatocellular carcinoma and patients with cirrhosis. <i>PLoS ONE</i> , 2018 , 13, e0200855	3.7	14
22	Murine pancreatic tumor cell line TD2 bears the characteristic pattern of genetic changes with two independently amplified gene loci. <i>Oncogene</i> , 2003 , 22, 6802-9	9.2	14
21	S1PR4 ablation reduces tumor growth and improves chemotherapy via CD8+ T cell expansion. <i>Journal of Clinical Investigation</i> , 2020 , 130, 5461-5476	15.9	14
20	AKT-dependent NOTCH3 activation drives tumor progression in a model of mesenchymal colorectal cancer. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	13
19	TAK1: Another mesh in the NF- κ B - JNK controlled network causing hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2011 , 55, 721-723	13.4	10
18	Peering into the aftermath: JAKi rips STAT3 in cancer. <i>Nature Medicine</i> , 2010 , 16, 1085-7	50.5	10
17	Subthreshold IKK activation modulates the effector functions of primary mast cells and allows specific targeting of transformed mast cells. <i>Oncotarget</i> , 2015 , 6, 5354-68	3.3	9
16	Loss of Stat6 affects chromatin condensation in intestinal epithelial cells causing diverse outcome in murine models of inflammation-associated and sporadic colon carcinogenesis. <i>Oncogene</i> , 2019 , 38, 1787-1801	9.2	9
15	Inflammatory fibroblasts mediate resistance to neoadjuvant therapy in rectal cancer.. <i>Cancer Cell</i> , 2022 ,	24.3	8

14	TAK1 and IKK2, novel mediators of SCF-induced signaling and potential targets for c-Kit-driven diseases. <i>Oncotarget</i> , 2015 , 6, 28833-50	3.3	8
13	Fungi Enter the Stage of Colon Carcinogenesis. <i>Immunity</i> , 2018 , 49, 384-386	32.3	8
12	Tolerizing CTL by Sustained Hepatic PD-L1 Expression Provides a New Therapy Approach in Mouse Sepsis. <i>Theranostics</i> , 2019 , 9, 2003-2016	12.1	7
11	Chronic intestinal inflammation in mice expressing viral Flip in epithelial cells. <i>Mucosal Immunology</i> , 2018 , 11, 1621-1629	9.2	6
10	Inducible mouse models of colon cancer for the analysis of sporadic and inflammation-driven tumor progression and lymph node metastasis. <i>Nature Protocols</i> , 2021 , 16, 61-85	18.8	6
9	Targeting c-MYC through Interference with NAMPT and SIRT1 and Their Association to Oncogenic Drivers in Murine Serrated Intestinal Tumorigenesis. <i>Neoplasia</i> , 2019 , 21, 974-988	6.4	5
8	Cell Autonomous and Non-Autonomous Functions of IKK α and NF- κ B during the Pathogenesis of Gastrointestinal Tumors. <i>Cancers</i> , 2011 , 3, 2214-22	6.6	4
7	The Irony of Tumor-Induced Inflammation. <i>Cell Metabolism</i> , 2016 , 24, 368-369	24.6	2
6	Linking inflammation to cancer: A novel role for Stat3. <i>Cytokine</i> , 2009 , 48, 44	4	2
5	Canonical NF- κ B signaling in myeloid cells promotes lung metastasis in a mouse breast cancer model. <i>Oncotarget</i> , 2018 , 9, 16775-16791	3.3	2
4	Lifting the Mist on Gastric Stem Cells. <i>Cell Stem Cell</i> , 2016 , 18, 7-9	18	1
3	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.. <i>Clinical and Translational Radiation Oncology</i> , 2022 , 34, 99-106	4.6	0
2	Nuclear Factor- κ B in Apoptosis and Tumorigenesis445-461		
1	IKK α acts as a tumor suppressor in cancer-associated fibroblasts during intestinal tumorigenesis. <i>Journal of Cell Biology</i> , 2015 , 211, 2115OIA274	7.3	