Michael C Schmid

List of Publications by Year
in descending order

36 papers	4,493 citations	185998 28 h-index	315357 38 g-index
43 all docs	43 docs citations	43 times ranked	7698 citing authors

#	Article	IF	Citations
1	PI3KÎ³ is a molecular switch that controls immune suppression. Nature, 2016, 539, 437-442.	13.7	884
2	Receptor Tyrosine Kinases and TLR/IL1Rs Unexpectedly Activate Myeloid Cell PI3KÎ³, A Single Convergent Point Promoting Tumor Inflammation and Progression. Cancer Cell, 2011, 19, 715-727.	7.7	343
3	Macrophage-secreted granulin supports pancreatic cancer metastasis by inducing liver fibrosis. Nature Cell Biology, 2016, 18, 549-560.	4.6	329
4	Macrophage PI3KÎ³ Drives Pancreatic Ductal Adenocarcinoma Progression. Cancer Discovery, 2016, 6, 870-885.	7.7	235
5	Macrophages as Key Drivers of Cancer Progression and Metastasis. Mediators of Inflammation, 2017, 2017, 1-11.	1.4	231
6	Chemoresistance in Pancreatic Cancer Is Driven by Stroma-Derived Insulin-Like Growth Factors. Cancer Research, 2016, 76, 6851-6863.	0.4	209
7	A bipartite signal mediates the transfer of type IV secretion substrates of Bartonella henselae into human cells. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 856-861.	3.3	205
8	Integrin CD11b activation drives anti-tumor innate immunity. Nature Communications, 2018, 9, 5379.	5.8	198
9	Integrin Î±4Î²1 Signaling Is Required for Lymphangiogenesis and Tumor Metastasis. Cancer Research, 2010, 70, 3042-3051.	0.4	163
10	The VirB type IV secretion system of Bartonella henselae mediates invasion, proinflammatory activation and antiapoptotic protection of endothelial cells. Molecular Microbiology, 2004, 52, 81-92.	1.2	152
11	Myeloid Cells in the Tumor Microenvironment: Modulation of Tumor Angiogenesis and Tumor Inflammation. Journal of Oncology, 2010, 2010, 1-10.	0.6	143
12	A Translocated Bacterial Protein Protects Vascular Endothelial Cells from Apoptosis. PLoS Pathogens, 2006, 2, e115.	2.1	112
13	An integrative strategy to identify the entire protein coding potential of prokaryotic genomes by proteogenomics. Genome Research, 2017, 27, 2083-2095.	2.4	112
14	Blockade of MIFâ€“CD74 Signalling on Macrophages and Dendritic Cells Restores the Antitumour Immune Response Against Metastatic Melanoma. Frontiers in Immunology, 2018, 9, 1132.	2.2	109
15	Macrophage-Derived Granulin Drives Resistance to Immune Checkpoint Inhibition in Metastatic Pancreatic Cancer. Cancer Research, 2018, 78, 4253-4269.	0.4	105
16	Combined Blockade of Integrin-Î±4Î²1 Plus Cytokines SDF-1Î± or IL-1Î² Potently Inhibits Tumor Inflammation and Growth. Cancer Research, 2011, 71, 6965-6975.	0.4	95
17	PI3KÎ± activates integrin Î±4Î²1 to establish a metastatic niche in lymph nodes. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9042-9047.	3.3	84
18	Impact of tumour associated macrophages in pancreatic cancer. BMB Reports, 2013, 46, 131-138.	1.1	82

#	Article	IF	Citations
19	Bartonella henselae Induces NF-Î¹B-Dependent Upregulation of Adhesion Molecules in Cultured Human Endothelial Cells: Possible Role of Outer Membrane Proteins as Pathogenic Factors. Infection and Immunity, 2001, 69, 5088-5097.	1.0	71
20	Blockade of insulin-like growth factors increases efficacy of paclitaxel in metastatic breast cancer. Oncogene, 2018, 37, 2022-2036.	2.6	70
21	Myeloid cell trafficking and tumor angiogenesis. Cancer Letters, 2007, 250, 1-8.	3.2	68
22	Macrophage-Mediated Subversion of Anti-Tumour Immunity. Cells, 2019, 8, 747.	1.8	68
23	Myeloid cells in tumor inflammation. Vascular Cell, 2012, 4, 14.	0.2	56
24	PI3-Kinase Î³ Promotes Rap1a-Mediated Activation of Myeloid Cell Integrin Î±4Î²1, Leading to Tumor Inflammation and Growth. PLoS ONE, 2013, 8, e60226.	1.1	51
25	<scp>UHRF1</scp> regulation of the Keap1â€“Nrf2 pathway in pancreatic cancer contributes to oncogenesis. Journal of Pathology, 2016, 238, 423-433.	2.1	48
26	Liver Tropism in Cancer: The Hepatic Metastatic Niche. Cold Spring Harbor Perspectives in Medicine, 2020, 10, a037259.	2.9	35
27	Chemotherapy-induced infiltration of neutrophils promotes pancreatic cancer metastasis via Gas6/AXL signalling axis. Gut, 2022, 71, 2284-2299.	6.1	33
28	Blockade of Stromal Gas6 Alters Cancer Cell Plasticity, Activates NK Cells, and Inhibits Pancreatic Cancer Metastasis. Frontiers in Immunology, 2020, 11, 297.	2.2	32
29	MST1R kinase accelerates pancreatic cancer progression via effects on both epithelial cells and macrophages. Oncogene, 2019, 38, 5599-5611.	2.6	29
30	Insulin-like growth factor binding protein-3 is overexpressed in endothelial cells of mouse breast tumor vessels. International Journal of Cancer, 2003, 103, 577-586.	2.3	26
31	The Death Effector Domains of Caspase-8 Induce Terminal Differentiation. PLoS ONE, 2009, 4, e7879.	1.1	19
32	Caspase-8 isoform 6 promotes death effector filament formation independent of microtubules. Apoptosis: an International Journal on Programmed Cell Death, 2012, 17, 229-235.	2.2	8
33	F1F0-ATP Synthase Inhibitory Factor 1 in the Normal Pancreas and in Pancreatic Ductal Adenocarcinoma: Effects on Bioenergetics, Invasion and Proliferation. Frontiers in Physiology, 2018, 9, 833.	1.3	7
34	Circulating Endothelial Progenitor Cells (CEPC). Methods in Molecular Biology, 2009, 467, 139-155.	0.4	5
35	Chapter 15 Methods to Study Myeloid Cell Roles in Angiogenesis. Methods in Enzymology, 2008, 445, 343-371.	0.4	4
36	PI3KÎ³ stimulates a high molecular weight form of myosin light chain kinase to promote myeloid cell adhesion and tumor inflammation. Nature Communications, 2022, 13, 1768.	5.8	4