

Fritz Aberger

List of Publications by Year in descending order

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86
papers

5,177
citations

94433

37
h-index

88630

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all docs

95
docs citations

95
times ranked

7479
citing authors

#	ARTICLE	IF	CITATIONS
1	CD44 engagement enhances acute myeloid leukemia cell adhesion to the bone marrow microenvironment by increasing VLA-4 avidity. <i>Haematologica</i> , 2021, 106, 2102-2113.	3.5	22
2	STAT3 promotes melanoma metastasis by CEBP-induced repression of the MITF pathway. <i>Oncogene</i> , 2021, 40, 1091-1105.	5.9	42
3	Opioids drive breast cancer metastasis through the μ -opioid receptor and oncogenic STAT3. <i>Neoplasia</i> , 2021, 23, 270-279.	5.3	26
4	Context-dependent modulation of aggressiveness of pediatric tumors by individual oncogenic RAS isoforms. <i>Oncogene</i> , 2021, 40, 4955-4966.	5.9	5
5	Casein Kinase 1D Encodes a Novel Drug Target in Hedgehog-Driven Cancers and Tumor-Initiating Cells Resistant to SMO Inhibition. <i>Cancers</i> , 2021, 13, 4227.	3.7	7
6	Proteins and Molecular Pathways Relevant for the Malignant Properties of Tumor-Initiating Pancreatic Cancer Cells. <i>Cells</i> , 2020, 9, 1397.	4.1	8
7	Epidermal activation of Hedgehog signaling establishes an immunosuppressive microenvironment in basal cell carcinoma by modulating skin immunity. <i>Molecular Oncology</i> , 2020, 14, 1930-1946.	4.6	21
8	Phosphoproteomics of short-term hedgehog signaling in human medulloblastoma cells. <i>Cell Communication and Signaling</i> , 2020, 18, 99.	6.5	7
9	STAT3-dependent analysis reveals PDK4 as independent predictor of recurrence in prostate cancer. <i>Molecular Systems Biology</i> , 2020, 16, e9247.	7.2	38
10	Dependency on the TYK2/STAT1/MCL1 axis in anaplastic large cell lymphoma. <i>Leukemia</i> , 2019, 33, 696-709.	7.2	40
11	Next-Generation Hedgehog/GLI Pathway Inhibitors for Cancer Therapy. <i>Cancers</i> , 2019, 11, 538.	3.7	70
12	Hedgehog/GLI signaling in tumor immunity - new therapeutic opportunities and clinical implications. <i>Cell Communication and Signaling</i> , 2019, 17, 172.	6.5	46
13	Interplay of transcription factors STAT3, STAT1 and AP-1 mediates activity of the matrix metallo-proteinase-1 promoter in colorectal carcinoma cells. <i>Neoplasia</i> , 2019, 66, 357-366.	1.6	2
14	Microenvironment-induced CD44v6 promotes early disease progression in chronic lymphocytic leukemia. <i>Blood</i> , 2018, 131, 1337-1349.	1.4	18
15	Targeting class I histone deacetylases by the novel small molecule inhibitor 4SC202 blocks oncogenic hedgehog-GLI signaling and overcomes smoothed inhibitor resistance. <i>International Journal of Cancer</i> , 2018, 142, 968-975.	5.1	39
16	Synergistic cross-talk of hedgehog and interleukin-6 signaling drives growth of basal cell carcinoma. <i>International Journal of Cancer</i> , 2018, 143, 2943-2954.	5.1	23
17	Acute myeloid leukemia - strategies and challenges for targeting oncogenic Hedgehog/GLI signaling. <i>Cell Communication and Signaling</i> , 2017, 15, 8.	6.5	47
18	From inflammation to gastric cancer - the importance of Hedgehog/GLI signaling in Helicobacter pylori-induced chronic inflammatory and neoplastic diseases. <i>Cell Communication and Signaling</i> , 2017, 15, 15.	6.5	67

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19	Understanding cell signaling in cancer stem cells for targeted therapy “can phosphoproteomics help to reveal the secrets?. Cell Communication and Signaling, 2017, 15, 12.	6.5	25
20	The sound of tumor cell-microenvironment communication “composed by the Cancer Cluster Salzburg research network. Cell Communication and Signaling, 2017, 15, 20.	6.5	8
21	A Double-Hybridization Approach for the Transcription- and Amplification-Free Detection of Specific mRNA on a Microarray. Microarrays (Basel, Switzerland), 2016, 5, 5.	1.4	6
22	A microfluidic multiwell chip for enzyme-free detection of mRNA from few cells. Biosensors and Bioelectronics, 2016, 86, 20-26.	10.1	6
23	ILK Induction in Lymphoid Organs by a TNF-“NF-“Regulated Pathway Promotes the Development of Chronic Lymphocytic Leukemia. Cancer Research, 2016, 76, 2186-2196.	0.9	13
24	DYRK1B as therapeutic target in Hedgehog/GLI-dependent cancer cells with Smoothed inhibitor resistance. Oncotarget, 2016, 7, 7134-7148.	1.8	57
25	The ratio of STAT1 to STAT3 expression is a determinant of colorectal cancer growth. Oncotarget, 2016, 7, 51096-51106.	1.8	34
26	GLI Proteins. , 2016, , 1908-1910.		0
27	ID: 263. Cytokine, 2015, 76, 112.	3.2	0
28	Disruption of STAT3 signalling promotes KRAS-induced lung tumorigenesis. Nature Communications, 2015, 6, 6285.	12.8	124
29	Lung Adenocarcinomas and Lung Cancer Cell Lines Show Association of MMP-1 Expression With STAT3 Activation. Translational Oncology, 2015, 8, 97-105.	3.7	31
30	STAT3 regulated ARF expression suppresses prostate cancer metastasis. Nature Communications, 2015, 6, 7736.	12.8	136
31	Hedgehog/GLI and PI3K signaling in the initiation and maintenance of chronic lymphocytic leukemia. Oncogene, 2015, 34, 5341-5351.	5.9	51
32	Loss of STAT3 in Lymphoma Relaxes NK Cell-Mediated Tumor Surveillance. Cancers, 2014, 6, 193-210.	3.7	13
33	Context-dependent signal integration by the GLI code: The oncogenic load, pathways, modifiers and implications for cancer therapy. Seminars in Cell and Developmental Biology, 2014, 33, 93-104.	5.0	135
34	Canonical and non-canonical Hedgehog signalling and the control of metabolism. Seminars in Cell and Developmental Biology, 2014, 33, 81-92.	5.0	117
35	An old friend with new skills: Imiquimod as novel inhibitor of Hedgehog signaling in basal cell carcinoma. Oncoscience, 2014, 1, 567-573.	2.2	22
36	GLI Proteins. , 2014, , 1-4.		0

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37	Abstract 3138: IL-6/Stat3 signaling is an indispensable modulator of oncogene-induced cellular senescence. , 2014, , .		0
38	Expression analysis of multiple myeloma CD138 negative progenitor cells using single molecule microarray readout. Journal of Biotechnology, 2013, 164, 525-530.	3.8	6
39	Inactivation of Patched1 in Mice Leads to Development of Gastrointestinal Stromal-Like Tumors That Express Pdgfr β but Not Kit. Gastroenterology, 2013, 144, 134-144.e6.	1.3	33
40	Interaction between the TP63 and SHH pathways is an important determinant of epidermal homeostasis. Cell Death and Differentiation, 2013, 20, 1080-1088.	11.2	23
41	Imiquimod directly inhibits Hedgehog signalling by stimulating adenosine receptor/protein kinase A-mediated GLI phosphorylation. Oncogene, 2013, 32, 5574-5581.	5.9	65
42	Synergism between Hedgehog-GLI and EGFR Signaling in Hedgehog-Responsive Human Medulloblastoma Cells Induces Downregulation of Canonical Hedgehog-Target Genes and Stabilized Expression of GLI1. PLoS ONE, 2013, 8, e65403.	2.5	72
43	Canonical and Noncanonical Hedgehog/GLI Signaling in Hematological Malignancies. Vitamins and Hormones, 2012, 88, 25-54.	1.7	51
44	Hedgehog Partial Agonism Drives Warburg-like Metabolism in Muscle and Brown Fat. Cell, 2012, 151, 414-426.	28.9	237
45	Cooperative Hedgehog-EGFR signaling. Frontiers in Bioscience - Landmark, 2012, 17, 90.	3.0	49
46	Hedgehog-EGFR cooperation response genes determine the oncogenic phenotype of basal cell carcinoma and tumour-initiating pancreatic cancer cells. EMBO Molecular Medicine, 2012, 4, 218-233.	6.9	155
47	GLI1-dependent transcriptional repression of CYLD in basal cell carcinoma. Oncogene, 2011, 30, 4523-4530.	5.9	32
48	GLI Proteins. , 2011, , 1552-1554.		0
49	Stemming cancer by Hedgehog pathway inhibition: from flies to bedside. Memo - Magazine of European Medical Oncology, 2010, 3, 3-6.	0.5	0
50	Non-consensus GLI binding sites in Hedgehog target gene regulation. BMC Molecular Biology, 2010, 11, 2.	3.0	64
51	Inhibition of GLI, but not Smoothed, induces apoptosis in chronic lymphocytic leukemia cells. Oncogene, 2010, 29, 4885-4895.	5.9	63
52	Tumor Stroma-Derived Wnt5a Induces Differentiation of Basal Cell Carcinoma of <i>Ptch</i> -Mutant Mice via CaMKII. Cancer Research, 2010, 70, 2739-2748.	0.9	36
53	Drosophila Genome-wide Obesity Screen Reveals Hedgehog as a Determinant of Brown versus White Adipose Cell Fate. Cell, 2010, 140, 148-160.	28.9	336
54	Epidermal Growth Factor Receptor Signaling Synergizes with Hedgehog/GLI in Oncogenic Transformation via Activation of the MEK/ERK/JUN Pathway. Cancer Research, 2009, 69, 1284-1292.	0.9	189

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55	Hedgehog signaling is involved in differentiation of normal colonic tissue rather than in tumor proliferation. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2009, 454, 369-379.	2.8	39
56	Neuronal differentiation in basal cell carcinoma: possible relationship to Hedgehog pathway activation?. <i>Journal of Pathology</i> , 2009, 219, 61-68.	4.5	10
57	Oligonucleotide Microarray Analysis with Single Molecule Sensitivity. <i>Biophysical Journal</i> , 2009, 96, 313a.	0.5	0
58	Cyclopamine treatment of full-blown Hh/Ptch-associated RMS partially inhibits Hh/Ptch signaling, but not tumor growth. <i>Molecular Carcinogenesis</i> , 2008, 47, 361-372.	2.7	42
59	Array-based profiling of ragweed and mugwort pollen allergens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2008, 63, 1543-1549.	5.7	83
60	GLI2-specific Transcriptional Activation of the Bone Morphogenetic Protein/Activin Antagonist Follistatin in Human Epidermal Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 12426-12437.	3.4	36
61	GLI1 repression of ERK activity correlates with colony formation and impaired migration in human epidermal keratinocytes. <i>Carcinogenesis</i> , 2008, 29, 738-746.	2.8	31
62	Single molecule fluorescence microscopy for ultra-sensitive RNA expression profiling. , 2007, , .		1
63	Efficient Manipulation of Hedgehog/GLI Signaling Using Retroviral Expression Systems. <i>Methods in Molecular Biology</i> , 2007, 397, 67-78.	0.9	25
64	GLI transcription factors: Mediators of oncogenic Hedgehog signalling. <i>European Journal of Cancer</i> , 2006, 42, 437-445.	2.8	353
65	Overlapping and distinct transcriptional regulator properties of the GLI1 and GLI2 oncogenes. <i>Genomics</i> , 2006, 87, 616-632.	2.9	95
66	Expression profiling of aging in the human skin. <i>Experimental Gerontology</i> , 2006, 41, 387-397.	2.8	91
67	RNA expression profiling at the single molecule level. <i>Genome Research</i> , 2006, 16, 1041-1045.	5.5	62
68	Selective Modulation of Hedgehog/GLI Target Gene Expression by Epidermal Growth Factor Signaling in Human Keratinocytes. <i>Molecular and Cellular Biology</i> , 2006, 26, 6283-6298.	2.3	215
69	GLI Genes and Their Targets in Epidermal Development and Disease. , 2006, , 74-85.		0
70	Ultrasensitive DNA detection on microarrays. , 2005, , .		1
71	Activation of the BCL2 Promoter in Response to Hedgehog/GLI Signal Transduction Is Predominantly Mediated by GLI2. <i>Cancer Research</i> , 2004, 64, 7724-7731.	0.9	227
72	FOXE1, A New Transcriptional Target of GLI2 Is Expressed in Human Epidermis and Basal Cell Carcinoma. <i>Journal of Investigative Dermatology</i> , 2004, 122, 1180-1187.	0.7	77

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73	GLI2 Is Expressed in Normal Human Epidermis and BCC and Induces GLI1 Expression by Binding to its Promoter. <i>Journal of Investigative Dermatology</i> , 2004, 122, 1503-1509.	0.7	150
74	The zinc-finger transcription factor GLI2 antagonizes contact inhibition and differentiation of human epidermal cells. <i>Oncogene</i> , 2004, 23, 1263-1274.	5.9	93
75	IL-4 and IL-13 Induce <i>SOCS-1</i> Gene Expression in A549 Cells by Three Functional STAT6-Binding Motifs Located Upstream of the Transcription Initiation Site. <i>Journal of Immunology</i> , 2003, 171, 5901-5907.	0.8	58
76	Cell-type and Donor-specific Transcriptional Responses to Interferon- γ . <i>Journal of Biological Chemistry</i> , 2002, 277, 49428-49437.	3.4	74
77	Human GLI2 and GLI1 are part of a positive feedback mechanism in Basal Cell Carcinoma. <i>Oncogene</i> , 2002, 21, 5529-5539.	5.9	184
78	Analysis of Gene Expression Using High-Density and IFN- γ -Specific Low-Density cDNA Arrays. <i>Genomics</i> , 2001, 77, 50-57.	2.9	27
79	Dopamine transporter expression distinguishes dopaminergic neurons from other catecholaminergic neurons in the developing zebrafish embryo. <i>Mechanisms of Development</i> , 2001, 101, 237-243.	1.7	252
80	Anterior specification of embryonic ectoderm: the role of the <i>Xenopus</i> cement gland-specific gene XAG-2. <i>Mechanisms of Development</i> , 1998, 72, 115-130.	1.7	146
81	A Member of the Met/HGF-Receptor Family Is Expressed in a BMP-4-like Pattern in the Ectoderm of <i>Xenopus</i> Gastrulae. <i>Biochemical and Biophysical Research Communications</i> , 1997, 231, 191-195.	2.1	4
82	Granulomatous appendicitis: Crohn's disease, atypical Crohn's, or not Crohn's at all? The authors gratefully acknowledge the financial assistance of the R. James Trane Surgical Research and Data Center of the Gundersen Medical Foundation, La Crosse, WI.. <i>Journal of the American College of Surgeons</i> , 1997, 185, 13-17.	0.5	42
83	The <i>Xenopus</i> homologue of hepatocyte growth factor-like protein is specifically expressed in the presumptive neural plate during gastrulation. <i>Mechanisms of Development</i> , 1996, 54, 23-37.	1.7	15
84	Protein synthesis in murine organs during postimplantation development detected by two-dimensional gel electrophoresis. <i>Electrophoresis</i> , 1992, 13, 720-722.	2.4	4
85	Hedgehog/GLI signaling in cancer. , 0, , 109-127.		0
86	Gene expression pattern following photodynamic treatment of the carcinoma cell line A-431 analysed by cDNA arrays. <i>International Journal of Oncology</i> , 0, , .	3.3	8