

Stephan A Hahn

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

130 papers	10,936 citations	46 h-index	104 g-index
144 ext. papers	11,960 ext. citations	7.6 avg, IF	5.41 L-index

#	Paper	IF	Citations
130	DPC4, a candidate tumor suppressor gene at human chromosome 18q21.1. <i>Science</i> , 1996 , 271, 350-3	33.3	1928
129	Frequent somatic mutations and homozygous deletions of the p16 (MTS1) gene in pancreatic adenocarcinoma. <i>Nature Genetics</i> , 1994 , 8, 27-32	36.3	980
128	MicroRNA expression alterations are linked to tumorigenesis and non-neoplastic processes in pancreatic ductal adenocarcinoma. <i>Oncogene</i> , 2007 , 26, 4442-52	9.2	552
127	Evaluation of candidate tumour suppressor genes on chromosome 18 in colorectal cancers. <i>Nature Genetics</i> , 1996 , 13, 343-6	36.3	524
126	Small molecule inhibition of the KRAS-PDE δ interaction impairs oncogenic KRAS signalling. <i>Nature</i> , 2013 , 497, 638-42	50.4	460
125	The tumor suppressor gene Smad4/Dpc4 is required for gastrulation and later for anterior development of the mouse embryo. <i>Genes and Development</i> , 1998 , 12, 107-19	12.6	409
124	BRCA2 germline mutations in familial pancreatic carcinoma. <i>Journal of the National Cancer Institute</i> , 2003 , 95, 214-21	9.7	388
123	Combined inhibition of BET family proteins and histone deacetylases as a potential epigenetics-based therapy for pancreatic ductal adenocarcinoma. <i>Nature Medicine</i> , 2015 , 21, 1163-71	50.5	275
122	Identification of microRNAs in the cerebrospinal fluid as marker for primary diffuse large B-cell lymphoma of the central nervous system. <i>Blood</i> , 2011 , 117, 3140-6	2.2	248
121	Smad4/DPC4-mediated tumor suppression through suppression of angiogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 9624-9	11.5	221
120	Allelic loss is often the first hit in the biallelic inactivation of the p53 and DPC4 genes during pancreatic carcinogenesis. <i>American Journal of Pathology</i> , 2001 , 158, 1677-83	5.8	191
119	Analysis of microRNAs in pancreatic fine-needle aspirates can classify benign and malignant tissues. <i>Clinical Chemistry</i> , 2008 , 54, 1716-24	5.5	173
118	Transcriptome analysis of microdissected pancreatic intraepithelial neoplastic lesions. <i>Oncogene</i> , 2005 , 24, 6626-36	9.2	161
117	HNPCC-associated small bowel cancer: clinical and molecular characteristics. <i>Gastroenterology</i> , 2005 , 128, 590-9	13.3	154
116	Expression of microRNAs in basal cell carcinoma. <i>British Journal of Dermatology</i> , 2012 , 167, 847-55	4	150
115	Identification of microRNAs in the cerebrospinal fluid as biomarker for the diagnosis of glioma. <i>Neuro-Oncology</i> , 2012 , 14, 29-33	1	144
114	MiR-30a-5p suppresses tumor growth in colon carcinoma by targeting DTL. <i>Carcinogenesis</i> , 2012 , 33, 732-9	4.6	141

113	Identification by representational difference analysis of a homozygous deletion in pancreatic carcinoma that lies within the BRCA2 region. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 5950-4	11.5	136
112	Comparative microarray analysis of microRNA expression profiles in primary cutaneous malignant melanoma, cutaneous malignant melanoma metastases, and benign melanocytic nevi. <i>Cell and Tissue Research</i> , 2013 , 351, 85-98	4.2	124
111	CDKN2A germline mutations in familial pancreatic cancer. <i>Annals of Surgery</i> , 2002 , 236, 730-7	7.8	122
110	Application of fluorescence difference gel electrophoresis saturation labelling for the analysis of microdissected precursor lesions of pancreatic ductal adenocarcinoma. <i>Proteomics</i> , 2005 , 5, 2665-79	4.8	114
109	Mutations of the DPC4/Smad4 gene in neuroendocrine pancreatic tumors. <i>Oncogene</i> , 1999 , 18, 2367-71	9.2	111
108	Circulating U2 small nuclear RNA fragments as a novel diagnostic biomarker for pancreatic and colorectal adenocarcinoma. <i>International Journal of Cancer</i> , 2013 , 132, E48-57	7.5	108
107	Circular RNA expression in cutaneous squamous cell carcinoma. <i>Journal of Dermatological Science</i> , 2016 , 83, 210-8	4.3	102
106	The miR-17-92 cluster counteracts quiescence and chemoresistance in a distinct subpopulation of pancreatic cancer stem cells. <i>Gut</i> , 2015 , 64, 1936-48	19.2	100
105	MicroRNA-148a is down-regulated in human pancreatic ductal adenocarcinomas and regulates cell survival by targeting CDC25B. <i>Laboratory Investigation</i> , 2011 , 91, 1472-9	5.9	98
104	Microarray analysis of microRNA expression in cutaneous squamous cell carcinoma. <i>Journal of Dermatological Science</i> , 2012 , 68, 119-26	4.3	89
103	Anticipation in familial pancreatic cancer. <i>Gut</i> , 2006 , 55, 252-8	19.2	89
102	Global microRNA expression profiling of microdissected tissues identifies miR-135b as a novel biomarker for pancreatic ductal adenocarcinoma. <i>International Journal of Cancer</i> , 2012 , 131, E86-95	7.5	84
101	Blood-based detection of RAS mutations to guide anti-EGFR therapy in colorectal cancer patients: concordance of results from circulating tumor DNA and tissue-based RAS testing. <i>Molecular Oncology</i> , 2017 , 11, 208-219	7.9	83
100	MiR-93 Controls Adiposity via Inhibition of Sirt7 and Tbx3. <i>Cell Reports</i> , 2015 , 12, 1594-605	10.6	82
99	Pancreatic intraepithelial neoplasia revisited and updated. <i>Pancreatology</i> , 2009 , 9, 45-54	3.8	82
98	SMIF, a Smad4-interacting protein that functions as a co-activator in TGFbeta signalling. <i>Nature Cell Biology</i> , 2002 , 4, 181-90	23.4	80
97	Repression of KIAA1199 attenuates Wnt-signalling and decreases the proliferation of colon cancer cells. <i>British Journal of Cancer</i> , 2011 , 105, 552-61	8.7	72
96	Circular RNA expression in basal cell carcinoma. <i>Epigenomics</i> , 2016 , 8, 619-32	4.4	72


95	DPC4/SMAD4 mediated tumor suppression of colon carcinoma cells is associated with reduced urokinase expression. <i>Oncogene</i> , 1999 , 18, 3152-8	9.2	71
94	Prevalence of familial pancreatic cancer in Germany. <i>International Journal of Cancer</i> , 2004 , 110, 902-6	7.5	66
93	Claudin-4-targeted optical imaging detects pancreatic cancer and its precursor lesions. <i>Gut</i> , 2013 , 62, 1034-43	19.2	59
92	Analysis of the pancreatic tumor progression by a quantitative proteomic approach and immunohistochemical validation. <i>Journal of Proteome Research</i> , 2009 , 8, 1647-56	5.6	59
91	MicroRNAs in cerebrospinal fluid as biomarker for disease course monitoring in primary central nervous system lymphoma. <i>Journal of Neuro-Oncology</i> , 2012 , 109, 239-44	4.8	58
90	Predictive and prognostic value of microsatellite instability in patients with advanced colorectal cancer treated with a fluoropyrimidine and oxaliplatin containing first-line chemotherapy. A report of the AIO Colorectal Study Group. <i>International Journal of Colorectal Disease</i> , 2008 , 23, 1033-9	3	58
89	A novel organometallic ReI complex with favourable properties for bioimaging and applicability in solid-phase peptide synthesis. <i>ChemBioChem</i> , 2011 , 12, 371-6	3.8	57
88	Circulating U2 small nuclear RNA fragments as a novel diagnostic tool for patients with epithelial ovarian cancer. <i>Clinical Chemistry</i> , 2014 , 60, 206-13	5.5	52
87	Label-Free Raman Spectroscopic Imaging Monitors the Integral Physiologically Relevant Drug Responses in Cancer Cells. <i>Analytical Chemistry</i> , 2015 , 87, 7297-304	7.8	50
86	Molecular genetics of exocrine pancreatic neoplasms. <i>Surgical Clinics of North America</i> , 1995 , 75, 857-69	4	50
85	Recent discoveries in cancer genetics of exocrine pancreatic neoplasia. <i>Digestion</i> , 1998 , 59, 493-501	3.6	46
84	Evaluation of the 4q32-34 locus in European familial pancreatic cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006 , 15, 1948-55	4	45
83	DPC4 gene mutation in colitis associated neoplasia. <i>Gut</i> , 1997 , 40, 120-2	19.2	43
82	New insights in the composition of extracellular vesicles from pancreatic cancer cells: implications for biomarkers and functions. <i>Proteome Science</i> , 2014 , 12, 50	2.6	42
81	A subset of metastatic pancreatic ductal adenocarcinomas depends quantitatively on oncogenic Kras/Mek/Erk-induced hyperactive mTOR signalling. <i>Gut</i> , 2016 , 65, 647-57	19.2	40
80	Prevalence of BRCA2 and CDKN2a mutations in German familial pancreatic cancer families. <i>Familial Cancer</i> , 2010 , 9, 335-43	3	40
79	Automated identification of subcellular organelles by coherent anti-stokes Raman scattering. <i>Biophysical Journal</i> , 2014 , 106, 1910-20	2.9	38
78	Tumor suppressor Smad4 mediates downregulation of the anti-adhesive invasion-promoting matricellular protein SPARC: Landscaping activity of Smad4 as revealed by a "secretome" analysis. <i>Proteomics</i> , 2004 , 4, 1324-34	4.8	38

77	Activation of odorant receptor in colorectal cancer cells leads to inhibition of cell proliferation and apoptosis. <i>PLoS ONE</i> , 2017 , 12, e0172491	3.7	35
76	Pancreatic Expression database: a generic model for the organization, integration and mining of complex cancer datasets. <i>BMC Genomics</i> , 2007 , 8, 439	4.5	34
75	RNASEL germline variants are associated with pancreatic cancer. <i>International Journal of Cancer</i> , 2005 , 117, 718-22	7.5	34
74	Circulating U2 small nuclear RNA fragments as a novel diagnostic biomarker for primary central nervous system lymphoma. <i>Neuro-Oncology</i> , 2016 , 18, 361-7	1	33
73	A genetic roadmap of pancreatic cancer: still evolving. <i>Gut</i> , 2017 , 66, 2170-2178	19.2	32
72	Preclinical Efficacy of Covalent-Allosteric AKT Inhibitor Borussertib in Combination with Trametinib in -Mutant Pancreatic and Colorectal Cancer. <i>Cancer Research</i> , 2019 , 79, 2367-2378	10.1	31
71	Multimodal Treatment Eliminates Cancer Stem Cells and Leads to Long-Term Survival in Primary Human Pancreatic Cancer Tissue Xenografts. <i>PLoS ONE</i> , 2013 , 8, e66371	3.7	31
70	Asymmetric rhenium tricarbonyl complexes show superior luminescence properties in live cell imaging. <i>Chemical Communications</i> , 2017 , 53, 905-908	5.8	30
69	Update of familial pancreatic cancer in Germany. <i>Pancreatology</i> , 2001 , 1, 510-6	3.8	30
68	Long-noncoding RNAs in basal cell carcinoma. <i>Tumor Biology</i> , 2016 , 37, 10595-608	2.9	28
67	The Pancreatic Expression database: 2011 update. <i>Nucleic Acids Research</i> , 2011 , 39, D1023-8	20.1	28
66	Smad4 deficiency in cervical carcinoma cells. <i>Oncogene</i> , 2005 , 24, 810-9	9.2	28
65	Circulating U2 small nuclear RNA fragments as a diagnostic and prognostic biomarker in lung cancer patients. <i>Journal of Cancer Research and Clinical Oncology</i> , 2016 , 142, 795-805	4.9	27
64	A microRNA-based test improves endoscopic ultrasound-guided cytologic diagnosis of pancreatic cancer. <i>Clinical Gastroenterology and Hepatology</i> , 2014 , 12, 1717-23	6.9	27
63	Low frequency of CHEK2 mutations in familial pancreatic cancer. <i>Familial Cancer</i> , 2006 , 5, 305-8	3	27
62	aRNA-longSAGE: a new approach to generate SAGE libraries from microdissected cells. <i>Nucleic Acids Research</i> , 2004 , 32, e131	20.1	26
61	Synergistic targeting and resistance to PARP inhibition in DNA damage repair-deficient pancreatic cancer. <i>Gut</i> , 2021 , 70, 743-760	19.2	26
60	In vitro prediction of the efficacy of molecularly targeted cancer therapy by Raman spectral imaging. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 8321-31	4.4	24

59	Keratin23 (KRT23) knockdown decreases proliferation and affects the DNA damage response of colon cancer cells. <i>PLoS ONE</i> , 2013 , 8, e73593	3.7	24
58	Lack of CCR7 expression is rate limiting for lymphatic spread of pancreatic ductal adenocarcinoma. <i>International Journal of Cancer</i> , 2012 , 131, E371-81	7.5	23
57	Clinical and genetic analysis of 18 pancreatic carcinoma/melanoma-prone families. <i>Clinical Genetics</i> , 2010 , 77, 333-41	4	23
56	Expression profiles of long noncoding RNAs in cutaneous squamous cell carcinoma. <i>Epigenomics</i> , 2016 , 8, 501-18	4.4	23
55	The pancreatic expression database: recent extensions and updates. <i>Nucleic Acids Research</i> , 2014 , 42, D944-9	20.1	22
54	Keratin 23, a novel DPC4/Smad4 target gene which binds 14-3-3. <i>BMC Cancer</i> , 2011 , 11, 137	4.8	21
53	Norepinephrine inhibits the migratory activity of pancreatic cancer cells. <i>Experimental Cell Research</i> , 2013 , 319, 1744-1758	4.2	18
52	A soluble form of the giant cadherin Fat1 is released from pancreatic cancer cells by ADAM10 mediated ectodomain shedding. <i>PLoS ONE</i> , 2014 , 9, e90461	3.7	17
51	Systematic Comparison of Label-Free, SILAC, and TMT Techniques to Study Early Adaption toward Inhibition of EGFR Signaling in the Colorectal Cancer Cell Line DiFi. <i>Journal of Proteome Research</i> , 2020 , 19, 926-937	5.6	17
50	Raman micro-spectroscopy monitors acquired resistance to targeted cancer therapy at the cellular level. <i>Scientific Reports</i> , 2018 , 8, 15278	4.9	17
49	TFEB-mediated lysosomal biogenesis and lysosomal drug sequestration confer resistance to MEK inhibition in pancreatic cancer. <i>Cell Death Discovery</i> , 2020 , 6, 12	6.9	16
48	Characterization of a dual BET/HDAC inhibitor for treatment of pancreatic ductal adenocarcinoma. <i>International Journal of Cancer</i> , 2020 , 147, 2847-2861	7.5	16
47	MicroRNA-30c as a novel diagnostic biomarker for primary and secondary B-cell lymphoma of the CNS. <i>Journal of Neuro-Oncology</i> , 2018 , 137, 463-468	4.8	16
46	Suppression of soluble adenylyl cyclase protects smooth muscle cells against oxidative stress-induced apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014 , 19, 1069-79	5.4	16
45	Comparative analysis of cell death induction by Taurolidine in different malignant human cancer cell lines. <i>Journal of Experimental and Clinical Cancer Research</i> , 2010 , 29, 21	12.8	16
44	German national case collection of familial pancreatic cancer - clinical-genetic analysis of the first 21 families. <i>Oncology Research and Treatment</i> , 2002 , 25, 262-6	2.8	15
43	Analysis of U2 small nuclear RNA fragments in the bile differentiates cholangiocarcinoma from primary sclerosing cholangitis and other benign biliary disorders. <i>Digestive Diseases and Sciences</i> , 2014 , 59, 1436-41	4	14
42	Induction of pancreatic cancer cell migration by an autocrine epidermal growth factor receptor activation. <i>Experimental Cell Research</i> , 2014 , 326, 307-14	4.2	14

41	Unveiling of miRNA Expression Patterns in Purkinje Cells During Development. <i>Cerebellum</i> , 2017 , 16, 376-387	4.3	13
40	Clonal T-cell populations are frequent in the skin and blood of patients with systemic sclerosis. <i>British Journal of Dermatology</i> , 2009 , 161, 785-90	4	13
39	The NOD2 3020insC Mutation and The Risk of Familial Pancreatic Cancer?. <i>Hereditary Cancer in Clinical Practice</i> , 2004 , 2, 149-150	2.3	13
38	Digital-Droplet PCR for Quantification of CD19-Directed CAR T-Cells. <i>Frontiers in Molecular Biosciences</i> , 2020 , 7, 84	5.6	11
37	Divergent mechanisms underlie Smad4-mediated positive regulation of the three genes encoding the basement membrane component laminin-332 (laminin-5). <i>BMC Cancer</i> , 2008 , 8, 215	4.8	11
36	Deregulated Correlates with Tissue-Specific Activation of Intrinsic Apoptosis in An Animal Model of Amyotrophic Lateral Sclerosis. <i>Cells</i> , 2019 , 8,	7.9	10
35	Exploring the efficacy and cellular uptake of sorafenib in colon cancer cells by Raman micro-spectroscopy. <i>Analyst, The</i> , 2018 , 143, 6069-6078	5	10
34	Lentiviral overexpression of miRNAs. <i>Methods in Molecular Biology</i> , 2014 , 1095, 177-90	1.4	8
33	Gene expression analysis of cell death induction by taurolidine in different malignant cell lines. <i>BMC Cancer</i> , 2010 , 10, 595	4.8	8
32	Activation leads to a significant shift in the intracellular redox homeostasis of neutrophil-like cells. <i>Redox Biology</i> , 2020 , 28, 101344	11.3	8
31	Detection of clonal T cells in the circulation of patients with nephrogenic systemic fibrosis. <i>Archives of Dermatology</i> , 2009 , 145, 1164-9		7
30	High-level inducible Smad4-reexpression in the cervical cancer cell line C4-II is associated with a gene expression profile that predicts a preferential role of Smad4 in extracellular matrix composition. <i>BMC Cancer</i> , 2007 , 7, 209	4.8	7
29	Discarding duplicate ditags in LongSAGE analysis may introduce significant error. <i>BMC Bioinformatics</i> , 2007 , 8, 92	3.6	7
28	Molecular pathogenesis of pancreatic cancer. <i>Hematology/Oncology Clinics of North America</i> , 2002 , 16, 17-35, v	3.1	7
27	A web-based platform for mining pancreatic expression datasets. <i>Pancreatology</i> , 2009 , 9, 340-3	3.8	6
26	Application of fluorescence dye saturation labeling for differential proteome analysis of 1,000 microdissected cells from pancreatic ductal adenocarcinoma precursor lesions. <i>Methods in Molecular Biology</i> , 2008 , 425, 1-14	1.4	6
25	Where and when does pancreatic carcinoma start?. <i>Medizinische Klinik</i> , 2004 , 99, 191-5		6
24	Nuclear spheres modulate the expression of BEST1 and GADD45G. <i>Cellular Signalling</i> , 2016 , 28, 100-9	4.9	5

23	Quantitative RT-PCR specific for precursor and mature miRNAs. <i>Methods in Molecular Biology</i> , 2014 , 1095, 121-34	1.4	5
22	Differential proteome analysis of colon carcinoma cell line SW480 after reconstitution of the tumour suppressor Smad4. <i>Analytical and Bioanalytical Chemistry</i> , 2006 , 386, 1603-12	4.4	5
21	Unveiling Luminescent Ir and Rh N-Heterocyclic Carbene Complexes: Structure, Photophysical Specifics, and Cellular Localization in the Endoplasmic Reticulum. <i>Chemistry - A European Journal</i> , 2021 , 27, 6783-6794	4.8	5
20	Alterations in pectoralis muscle cell characteristics after radiation of the human breast in situ. <i>Journal of Radiation Research</i> , 2019 , 60, 825-830	2.4	4
19	Innovative substance 2250 as a highly promising anti-neoplastic agent in malignant pancreatic carcinoma - in vitro and in vivo. <i>BMC Cancer</i> , 2017 , 17, 216	4.8	3
18	Monitoring and modeling of microbubble behavior during ultrasound mediated transfection of cell monolayers 2008 ,		3
17	Genetics of hereditary pancreatic carcinoma. <i>Clinics in Laboratory Medicine</i> , 2005 , 25, 117-33	2.1	3
16	Genetics of hereditary pancreatic carcinoma. <i>Gastroenterology Clinics of North America</i> , 2004 , 33, 919-34, ix	4.4	3
15	Metabolism-based GP-2250 in combination with gemcitabine as a novel approach to pancreatic cancer: A mouse xenograft study.. <i>Journal of Clinical Oncology</i> , 2020 , 38, e16750-e16750	2.2	3
14	TNF- β -producing macrophages determine subtype identity and prognosis via AP1 enhancer reprogramming in pancreatic cancer.. <i>Nature Cancer</i> , 2021 , 2, 1185-1203	15.4	3
13	Altered T-Lymphocyte Biology Following High-Dose Melphalan and Autologous Stem Cell Transplantation With Implications for Adoptive T-Cell Therapy. <i>Frontiers in Oncology</i> , 2020 , 10, 568056	5.3	3
12	Manual microdissection combined with antisense RNA-longSAGE for the analysis of limited cell numbers. <i>Methods in Molecular Biology</i> , 2010 , 576, 135-54	1.4	3
11	Secondary resistance to anti-EGFR therapy by transcriptional reprogramming in patient-derived colorectal cancer models. <i>Genome Medicine</i> , 2021 , 13, 116	14.4	3
10	HNPCC: six new pathogenic mutations. <i>BMC Medical Genetics</i> , 2004 , 5, 16	2.1	2
9	Microcapsules: Reverse Sonoporation and Long-lasting, Safe Contrast. <i>Acoustical Imaging</i> , 2012 , 81-90		2
8	EU Pancreas: an integrated European platform for pancreas cancer research--from basic science to clinical and public health interventions for a rare disease. <i>Public Health Genomics</i> , 2013 , 16, 305-12	1.9	1
7	Microsatellite instability and expression of MLH1 and MSH2 in carcinomas of the small intestine. <i>Cancer</i> , 2003 , 98, 1774-5; author reply 1775-6	6.4	1
6	Disabling VEGF-Response of Purkinje Cells by Downregulation of via miRNA-204-5p. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1

- 5 Deficiency of myostatin protects skeletal muscle cells from ischemia reperfusion injury. *Scientific Reports*, **2021**, 11, 12572 4.9 
- 4 U2 Small Nuclear RNA as a Biomarker in Cancer. *Biomarkers in Disease*, **2015**, 233-250
- 3 Pankreaskarzinom **2002**, 187-206
- 2 U2 Small Nuclear RNA as a Biomarker in Cancer **2014**, 1-15
- 1 New Therapy Options for Neuroendocrine Carcinoma of the Pancreas: The Emergent Substance GP-2250 and Gemcitabine Prove to Be Highly Effective without the Development of Secondary Resistances In Vitro and In Vivo. *Cancers*, **2022**, 14, 2685 6.6