

Heidelinde Fiegl

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.

97
papers

6,133
citations

39
h-index

77
g-index

100
ext. papers

6,778
ext. citations

6.7
avg, IF

4.97
L-index

#	Paper	IF	Citations
97	Epigenetic stem cell signature in cancer. <i>Nature Genetics</i> , 2007 , 39, 157-8	36.3	909
96	The expression of the regulatory T cell-specific forkhead box transcription factor FoxP3 is associated with poor prognosis in ovarian cancer. <i>Clinical Cancer Research</i> , 2005 , 11, 8326-31	12.9	422
95	FBXW7/hCDC4 is a general tumor suppressor in human cancer. <i>Cancer Research</i> , 2007 , 67, 9006-12	10.1	393
94	Association of breast cancer DNA methylation profiles with hormone receptor status and response to tamoxifen. <i>Cancer Research</i> , 2004 , 64, 3807-13	10.1	284
93	Methylation changes in faecal DNA: a marker for colorectal cancer screening?. <i>Lancet, The</i> , 2004 , 363, 1283-5	40	231
92	DNA methylation in serum of breast cancer patients: an independent prognostic marker. <i>Cancer Research</i> , 2003 , 63, 7641-5	10.1	222
91	Circulating tumor-specific DNA: a marker for monitoring efficacy of adjuvant therapy in cancer patients. <i>Cancer Research</i> , 2005 , 65, 1141-5	10.1	205
90	DNA hypomethylation and ovarian cancer biology. <i>Cancer Research</i> , 2004 , 64, 4472-80	10.1	193
89	Breast cancer DNA methylation profiles in cancer cells and tumor stroma: association with HER-2/neu status in primary breast cancer. <i>Cancer Research</i> , 2006 , 66, 29-33	10.1	153
88	Epigenetic variability in cells of normal cytology is associated with the risk of future morphological transformation. <i>Genome Medicine</i> , 2012 , 4, 24	14.4	127
87	Epigenotyping in peripheral blood cell DNA and breast cancer risk: a proof of principle study. <i>PLoS ONE</i> , 2008 , 3, e2656	3.7	116
86	DNA methylation in serum and tumors of cervical cancer patients. <i>Clinical Cancer Research</i> , 2004 , 10, 565-71	12.9	112
85	HOTAIR and its surrogate DNA methylation signature indicate carboplatin resistance in ovarian cancer. <i>Genome Medicine</i> , 2015 , 7, 108	14.4	110
84	Long non-coding RNAs as targets for cytosine methylation. <i>RNA Biology</i> , 2013 , 10, 1003-8	4.8	107
83	DNA hypomethylation is prevalent even in low-grade breast cancers. <i>Cancer Biology and Therapy</i> , 2004 , 3, 1225-31	4.6	107
82	Role of DNA methylation and epigenetic silencing of HAND2 in endometrial cancer development. <i>PLoS Medicine</i> , 2013 , 10, e1001551	11.6	100
81	The dynamics and prognostic potential of DNA methylation changes at stem cell gene loci in women's cancer. <i>PLoS Genetics</i> , 2012 , 8, e1002517	6	88

80	HOXA11 DNA methylation--a novel prognostic biomarker in ovarian cancer. <i>International Journal of Cancer</i> , 2008 , 123, 725-9	7.5	86
79	Lidocaine time- and dose-dependently demethylates deoxyribonucleic acid in breast cancer cell lines in vitro. <i>British Journal of Anaesthesia</i> , 2012 , 109, 200-7	5.4	85
78	In situ proliferation contributes to accumulation of tumor-associated macrophages in spontaneous mammary tumors. <i>European Journal of Immunology</i> , 2014 , 44, 2247-62	6.1	81
77	Prognostic DNA methylation marker in serum of cancer patients. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1022, 44-9	6.5	71
76	HE4 is an independent prognostic marker in endometrial cancer patients. <i>Gynecologic Oncology</i> , 2012 , 126, 186-91	4.9	70
75	Interferon-gamma expression is an independent prognostic factor in ovarian cancer. <i>American Journal of Obstetrics and Gynecology</i> , 2004 , 191, 1598-605	6.4	69
74	CDH1 and CDH13 methylation in serum is an independent prognostic marker in cervical cancer patients. <i>International Journal of Cancer</i> , 2004 , 109, 163-6	7.5	67
73	Role of miR-34a as a suppressor of L1CAM in endometrial carcinoma. <i>Oncotarget</i> , 2014 , 5, 462-72	3.3	61
72	Alternative splicing of p53 and p73: the novel p53 splice variant p53delta is an independent prognostic marker in ovarian cancer. <i>Oncogene</i> , 2010 , 29, 1997-2004	9.2	60
71	SFRP2 methylation in fecal DNA--a marker for colorectal polyps. <i>International Journal of Colorectal Disease</i> , 2008 , 23, 15-9	3	59
70	Analysis of aberrant DNA methylation and human papillomavirus DNA in cervicovaginal specimens to detect invasive cervical cancer and its precursors. <i>Clinical Cancer Research</i> , 2004 , 10, 3396-400	12.9	58
69	Methylation status and expression of human telomerase reverse transcriptase in ovarian and cervical cancer. <i>Gynecologic Oncology</i> , 2004 , 93, 407-16	4.9	57
68	Toll-like receptor 9 expression in breast and ovarian cancer is associated with poorly differentiated tumors. <i>Cancer Science</i> , 2010 , 101, 1059-66	6.9	54
67	Attenuation of cell adhesion in lymphocytes is regulated by CYTIP, a protein which mediates signal complex sequestration. <i>EMBO Journal</i> , 2003 , 22, 1014-24	13	54
66	and mutation status associates with and expression in ovarian cancer. <i>Oncotarget</i> , 2018 , 9, 17501-17511	3.3	54
65	MeCP2 and MBD2 expression in human neoplastic and non-neoplastic breast tissue and its association with oestrogen receptor status. <i>British Journal of Cancer</i> , 2003 , 89, 1934-9	8.7	52
64	High STAT1 mRNA levels but not its tyrosine phosphorylation are associated with macrophage infiltration and bad prognosis in breast cancer. <i>BMC Cancer</i> , 2014 , 14, 257	4.8	51
63	Cyclin E dysregulation and chromosomal instability in endometrial cancer. <i>Oncogene</i> , 2004 , 23, 4187-92	9.2	49

62	Expression and promotor hypermethylation of miR-34a in the various histological subtypes of ovarian cancer. <i>BMC Cancer</i> , 2016 , 16, 102	4.8	47
61	Suppression of B-cell lymphomagenesis by the BH3-only proteins Bmf and Bad. <i>Blood</i> , 2010 , 115, 995-1005		45
60	Tamoxifen-induced epigenetic silencing of oestrogen-regulated genes in anti-hormone resistant breast cancer. <i>PLoS ONE</i> , 2012 , 7, e40466	3.7	44
59	Lidocaine and ropivacaine, but not bupivacaine, demethylate deoxyribonucleic acid in breast cancer cells in vitro. <i>British Journal of Anaesthesia</i> , 2014 , 113 Suppl 1, i32-8	5.4	43
58	Application of interferon modulators to overcome partial resistance of human ovarian cancers to VSV-GP oncolytic viral therapy. <i>Molecular Therapy - Oncolytics</i> , 2016 , 3, 16021	6.4	39
57	Elevated mRNA expression of CHAC1 splicing variants is associated with poor outcome for breast and ovarian cancer patients. <i>British Journal of Cancer</i> , 2012 , 106, 189-98	8.7	38
56	DNA ploidy, nuclear size, proliferation index and DNA-hypomethylation in ovarian cancer. <i>Gynecologic Oncology</i> , 2011 , 121, 24-31	4.9	38
55	Regulation of transcription factor E2F3a and its clinical relevance in ovarian cancer. <i>Oncogene</i> , 2011 , 30, 4038-49	9.2	36
54	Ovarian cancer stem cells. <i>Neoplasma</i> , 2012 , 59, 747-55	3.3	35
53	Analysis of methylated genes in peritoneal fluids of ovarian cancer patients: a new prognostic tool. <i>Clinical Chemistry</i> , 2004 , 50, 2171-3	5.5	34
52	miR-21-3p is a positive regulator of L1CAM in several human carcinomas. <i>Cancer Letters</i> , 2014 , 354, 455-669		33
51	Methylated NEUROD1 promoter is a marker for chemosensitivity in breast cancer. <i>Clinical Cancer Research</i> , 2008 , 14, 3494-502	12.9	33
50	Serum HE4 detects recurrent endometrial cancer in patients undergoing routine clinical surveillance. <i>BMC Cancer</i> , 2015 , 15, 33	4.8	31
49	Epigenetics in the perioperative period. <i>British Journal of Pharmacology</i> , 2015 , 172, 2748-55	8.6	31
48	The Impact of Sample Storage Time on Estimates of Association in Biomarker Discovery Studies. <i>Journal of Clinical Bioinformatics</i> , 2011 , 1,		31
47	The N-terminally truncated p53 isoform Δ0p53 influences prognosis in mucinous ovarian cancer. <i>International Journal of Gynecological Cancer</i> , 2012 , 22, 372-9	3.5	30
46	E2F3a is critically involved in epidermal growth factor receptor-directed proliferation in ovarian cancer. <i>Cancer Research</i> , 2010 , 70, 4613-23	10.1	29
45	Methylation status of the Ep-CAM promoter region in human breast cancer cell lines and breast cancer tissue. <i>Cancer Letters</i> , 2007 , 246, 253-61	9.9	29

44	Clinical relevance of CDH1 and CDH13 DNA-methylation in serum of cervical cancer patients. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 8353-63	6.3	26
43	Detection of low molecular weight derivatives of cyclin E1 is a function of cyclin E1 protein levels in breast cancer. <i>Cancer Research</i> , 2006 , 66, 7355-60	10.1	26
42	Methylome analysis of extreme chemoresponsive patients identifies novel markers of platinum sensitivity in high-grade serous ovarian cancer. <i>BMC Medicine</i> , 2017 , 15, 116	11.4	25
41	Intratumoral interferon regulatory factor (IRF)-1 but not IRF-2 is of relevance in predicting patient outcome in ovarian cancer. <i>International Journal of Cancer</i> , 2009 , 124, 2353-60	7.5	25
40	FOXO3/FKHRL1 is activated by 5-aza-2-deoxycytidine and induces silenced caspase-8 in neuroblastoma. <i>Molecular Biology of the Cell</i> , 2012 , 23, 2226-34	3.5	22
39	DNA methylation changes in sera of women in early pregnancy are similar to those in advanced breast cancer patients. <i>Clinical Chemistry</i> , 2004 , 50, 1065-8	5.5	22
38	High RIG-I expression in ovarian cancer associates with an immune-escape signature and poor clinical outcome. <i>International Journal of Cancer</i> , 2020 , 146, 2007-2018	7.5	21
37	FOXO3-mediated chemo-protection in high-stage neuroblastoma depends on wild-type TP53 and SESN3. <i>Oncogene</i> , 2017 , 36, 6190-6203	9.2	20
36	A DNA methylation pattern similar to normal tissue is associated with better prognosis in human cervical cancer. <i>Cancer Letters</i> , 2004 , 209, 231-6	9.9	19
35	Glucocorticoid Receptor-Deficient Foxp3 Regulatory T Cells Fail to Control Experimental Inflammatory Bowel Disease. <i>Frontiers in Immunology</i> , 2019 , 10, 472	8.4	18
34	The miR-34 family and its clinical significance in ovarian cancer. <i>Journal of Cancer</i> , 2020 , 11, 1446-1456	4.5	18
33	Mutual antagonism of TGF-beta and Interleukin-2 in cell survival and lineage commitment of induced regulatory T cells. <i>Cell Death and Differentiation</i> , 2012 , 19, 1277-87	12.7	17
32	Reduced mRNA expression levels of NFE2L2 are associated with poor outcome in breast cancer patients. <i>BMC Cancer</i> , 2016 , 16, 821	4.8	17
31	BRCA1 and BRCA2 mRNA-expression prove to be of clinical impact in ovarian cancer. <i>British Journal of Cancer</i> , 2018 , 119, 683-692	8.7	16
30	GALR1 methylation in vaginal swabs is highly accurate in identifying women with endometrial cancer. <i>International Journal of Gynecological Cancer</i> , 2013 , 23, 1050-5	3.5	16
29	Detection of soluble EpCAM (sEpCAM) in malignant ascites predicts poor overall survival in patients treated with catumaxomab. <i>Oncotarget</i> , 2015 , 6, 25017-23	3.3	14
28	Epigenetic regulation of L1CAM in endometrial carcinoma: comparison to cancer-testis (CT-X) antigens. <i>BMC Cancer</i> , 2013 , 13, 156	4.8	13
27	Cancer diagnosis, risk assessment and prediction of therapeutic response by means of DNA methylation markers. <i>Disease Markers</i> , 2007 , 23, 89-96	3.2	12

26	Evaluation of folate receptor 1 (FOLR1) mRNA expression, its specific promoter methylation and global DNA hypomethylation in type I and type II ovarian cancers. <i>BMC Cancer</i> , 2016 , 16, 589	4.8	12
25	High prevalence of side population in human cancer cell lines. <i>Oncoscience</i> , 2016 , 3, 85-87	0.8	10
24	KCNJ3 is a new independent prognostic marker for estrogen receptor positive breast cancer patients. <i>Oncotarget</i> , 2016 , 7, 84705-84717	3.3	10
23	Hybridization of binary monolayers of single stranded oligonucleotides and short blocking molecules. <i>Surface Science</i> , 2009 , 603, 620-624	1.8	9
22	DNA methylation of polycomb group target genes in cores taken from breast cancer centre and periphery. <i>Breast Cancer Research and Treatment</i> , 2010 , 120, 345-55	4.4	9
21	Polymorphisms in the gene regions of the adaptor complex LAMTOR2/LAMTOR3 and their association with breast cancer risk. <i>PLoS ONE</i> , 2013 , 8, e53768	3.7	8
20	Evaluating L1CAM expression in human endometrial cancer using qRT-PCR. <i>Oncotarget</i> , 2016 , 7, 40221-40232	4.3	7
19	Evaluation of Vav3.1 as prognostic marker in endometrial cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2018 , 144, 2067-2076	4.9	7
18	NADPH oxidase 4 expression in the normal endometrium and in endometrial cancer. <i>Tumor Biology</i> , 2019 , 41, 1010428319830002	2.9	5
17	Association of TNFRSF10D DNA-methylation with the survival of melanoma patients. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 11984-95	6.3	5
16	Inborn-like errors of metabolism are determinants of breast cancer risk, clinical response and survival: a study of human biochemical individuality. <i>Oncotarget</i> , 2018 , 9, 31664-31681	3.3	5
15	Tumor necrosis factor receptor modulator spermatogenesis-associated protein 2 is a novel predictor of outcome in ovarian cancer. <i>Cancer Science</i> , 2019 , 110, 1117-1126	6.9	5
14	TNF β signalling predicts poor prognosis of patients with endometrial cancer. <i>Carcinogenesis</i> , 2020 , 41, 1065-1073	4.6	5
13	Quality management at the national biobanking level - establishing a culture of mutual trust and support: the BBMRI.at example. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, e301-e305	5.9	4
12	Clinical Impact of RANK Signalling in Ovarian Cancer. <i>Cancers</i> , 2019 , 11,	6.6	4
11	Development of a novel prognostic score for breast cancer patients using mRNA expression of CHAC1. <i>Journal of Comparative Effectiveness Research</i> , 2017 , 6, 563-574	2.1	4
10	Clinical impact of L1CAM expression measured on the transcriptome level in ovarian cancer. <i>Oncotarget</i> , 2016 , 7, 37205-37214	3.3	4
9	Urinary neopterin does not reflect the local antitumor immune milieu in ovarian cancer. <i>Cancer Immunology, Immunotherapy</i> , 2010 , 59, 1813-23	7.4	3

8	Clinical impact of EZH2 and its antagonist SMARCA4 in ovarian cancer. <i>Scientific Reports</i> , 2020 , 10, 204124.9	3
7	High prevalence of BRCA1 stop mutation c.4183C>T in the Tyrolean population: implications for genetic testing. <i>European Journal of Human Genetics</i> , 2016 , 24, 258-62	5.3 2
6	The BH3-only protein NOXA serves as an independent predictor of breast cancer patient survival and defines susceptibility to microtubule targeting agents.. <i>Cell Death and Disease</i> , 2021 , 12, 1151	9.8 1
5	A retrospective validation of CanAssist Breast in European early-stage breast cancer patient cohort.. <i>Breast</i> , 2022 , 63, 1-8	3.6 0
4	Clinical impact of BRCA1 and BRCA2 mRNA expression in ovarian cancer.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e17533-e17533	2.2
3	Detection of soluble EpCAM in malignant ascites to predict overall survival in patients treated with catumaxomab.. <i>Journal of Clinical Oncology</i> , 2014 , 32, e15173-e15173	2.2
2	Clinical impact of BRCA2 mRNA expression in high-grade serous ovarian cancer: validation using the TCGA cohort. <i>Acta Oncologica</i> , 2021 , 60, 187-190	3.2
1	Influence of Pregnancy-Related Conditions on Human Epididymis Protein 4 Serum Levels in Comparison to CA125 - a Prospective Cohort Trial. <i>Geburtshilfe Und Frauenheilkunde</i> , 2021 , 81, 1047-1054	2