

# Gerda Egger

## List of Publications by Citations

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40  
papers

4,820  
citations

19  
h-index

50  
g-index

50  
ext. papers

5,385  
ext. citations

10.9  
avg, IF

5.02  
L-index

#	Paper	IF	Citations
40	Epigenetics in human disease and prospects for epigenetic therapy. <i>Nature</i> , <b>2004</b> , 429, 457-63	50.4	2442
39	Essential function of histone deacetylase 1 in proliferation control and CDK inhibitor repression. <i>EMBO Journal</i> , <b>2002</b> , 21, 2672-81	13	598
38	Histone deacetylase 1 can repress transcription by binding to Sp1. <i>Molecular and Cellular Biology</i> , <b>1999</b> , 19, 5504-11	4.8	360
37	Frequent switching of Polycomb repressive marks and DNA hypermethylation in the PC3 prostate cancer cell line. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 12979-84	11.5	289
36	The tumor suppressor p53 and histone deacetylase 1 are antagonistic regulators of the cyclin-dependent kinase inhibitor p21/WAF1/CIP1 gene. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 2669-79 <sup>8</sup>	4.8	174
35	STAT3 regulated ARF expression suppresses prostate cancer metastasis. <i>Nature Communications</i> , <b>2015</b> , 6, 7736	17.4	106
34	Disruption of STAT3 signalling promotes KRAS-induced lung tumorigenesis. <i>Nature Communications</i> , <b>2015</b> , 6, 6285	17.4	95
33	Identification of differential and functionally active miRNAs in both anaplastic lymphoma kinase (ALK)+ and ALK- anaplastic large-cell lymphoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 16228-33	11.5	91
32	PDGFR blockade is a rational and effective therapy for NPM-ALK-driven lymphomas. <i>Nature Medicine</i> , <b>2012</b> , 18, 1699-704	50.5	85
31	Activation of the mouse histone deacetylase 1 gene by cooperative histone phosphorylation and acetylation. <i>Molecular and Cellular Biology</i> , <b>2002</b> , 22, 7820-30	4.8	71
30	Brain-derived neurotrophic factor (BDNF)-epigenetic regulation in unipolar and bipolar affective disorder. <i>Journal of Affective Disorders</i> , <b>2014</b> , 168, 399-406	6.6	55
29	Epigenomics of cancer - emerging new concepts. <i>Biochimie</i> , <b>2012</b> , 94, 2219-30	4.6	53
28	Oncogenic role of miR-155 in anaplastic large cell lymphoma lacking the t(2;5) translocation. <i>Journal of Pathology</i> , <b>2015</b> , 236, 445-56	9.4	45
27	Antineoplastic activity of the DNA methyltransferase inhibitor 5-aza-2-Deoxycytidine in anaplastic large cell lymphoma. <i>Biochimie</i> , <b>2012</b> , 94, 2297-307	4.6	39
26	Genome amplification and cellular senescence are hallmarks of human placenta development. <i>PLoS Genetics</i> , <b>2018</b> , 14, e1007698	6	38
25	Insights into the Pathogenesis of Anaplastic Large-Cell Lymphoma through Genome-wide DNA Methylation Profiling. <i>Cell Reports</i> , <b>2016</b> , 17, 596-608	10.6	37
24	Histone H4 acetylation during interleukin-2 stimulation of mouse T cells. <i>FEBS Letters</i> , <b>1998</b> , 436, 349-52 <sup>3,8</sup>	3.8	33

23	The Transcriptional Roles of ALK Fusion Proteins in Tumorigenesis. <i>Cancers</i> , <b>2019</b> , 11,	6.6	29
22	Potential of DNA methylation in rectal cancer as diagnostic and prognostic biomarkers. <i>British Journal of Cancer</i> , <b>2015</b> , 113, 1035-45	8.7	23
21	DNA methylation testing and marker validation using PCR: diagnostic applications. <i>Expert Review of Molecular Diagnostics</i> , <b>2012</b> , 12, 75-92	3.8	19
20	Cytosine 5-Hydroxymethylation of the LZTS1 Gene Is Reduced in Breast Cancer. <i>Translational Oncology</i> , <b>2013</b> , 6, 715-21	4.9	16
19	The role of AP-1 and epigenetics in ALCL. <i>Frontiers in Bioscience - Scholar</i> , <b>2015</b> , 7, 226-35	2.4	16
18	Senescence Reprogramming by TIMP1 Deficiency Promotes Prostate Cancer Metastasis. <i>Cancer Cell</i> , <b>2021</b> , 39, 68-82.e9	24.3	16
17	STAT3-dependent analysis reveals PDK4 as independent predictor of recurrence in prostate cancer. <i>Molecular Systems Biology</i> , <b>2020</b> , 16, e9247	12.2	15
16	Histone deacetylase inhibitors valproic acid and vorinostat enhance trastuzumab-mediated antibody-dependent cell-mediated phagocytosis <b>2020</b> , 8,		12
15	Hepatocyte specific expression of an oncogenic variant of Eatenin results in cholestatic liver disease. <i>Oncotarget</i> , <b>2016</b> , 7, 86985-86998	3.3	10
14	Vorinostat in the acute neuroinflammatory form of X-linked adrenoleukodystrophy. <i>Annals of Clinical and Translational Neurology</i> , <b>2020</b> , 7, 639-652	5.3	9
13	Radiopharmaceutical Evidence for MCHR1 Binding Sites in Murine Brown Adipocytes. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 324	5.7	5
12	ALK-transformed mature T lymphocytes restore early thymus progenitor features. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 6395-6408	15.9	5
11	Discovery of Molecular DNA Methylation-Based Biomarkers through Genome-Wide Analysis of Response Patterns to BCG for Bladder Cancer. <i>Cells</i> , <b>2020</b> , 9,	7.9	5
10	Attenuation of canonical NF- $\kappa$ B signaling maintains function and stability of human Treg. <i>FEBS Journal</i> , <b>2021</b> , 288, 640-662	5.7	5
9	Progressive tissue biomarker profiling in non-muscle-invasive bladder cancer. <i>Expert Review of Anticancer Therapy</i> , <b>2018</b> , 18, 695-703	3.5	4
8	Thyroid and androgen receptor signaling are antagonized by ECrystallin in prostate cancer. <i>International Journal of Cancer</i> , <b>2021</b> , 148, 731-747	7.5	4
7	Hepatocyte specific expression of an oncogenic variant of Eatenin results in lethal metabolic dysfunction in mice. <i>Oncotarget</i> , <b>2018</b> , 9, 11243-11257	3.3	3
6	Multiplexed DNA Methylation Analysis in Colorectal Cancer Using Liquid Biopsy and Its Diagnostic and Predictive Value. <i>Current Issues in Molecular Biology</i> , <b>2021</b> , 43, 1419-1435	2.9	2

5	KMT2C methyltransferase domain regulated INK4A expression suppresses prostate cancer metastasis.. <i>Molecular Cancer</i> , <b>2022</b> , 21, 89	42.1	2
4	Crucial function of histone deacetylase 1 for differentiation of teratomas in mice and humans. <i>EMBO Journal</i> , <b>2011</b> , 30, 1671-1671	13	1
3	Epigenetic biomarkers in cancer. <i>ESMO Open</i> , <b>2018</b> , 3, e000416	6	1
2	Identification of tumor tissue-derived DNA methylation biomarkers for the detection and therapy response evaluation of metastatic castration resistant prostate cancer in liquid biopsies.. <i>Molecular Cancer</i> , <b>2022</b> , 21, 7	42.1	0
1	Basic Epigenetic Mechanisms and Phenomena <b>2016</b> , 3-40		