

# Achim Breiling

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

2,837  
citations

361045

20  
h-index

500791

28  
g-index

28  
all docs

28  
docs citations

28  
times ranked

5582  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined Deficiency of Tet1 and Tet2 Causes Epigenetic Abnormalities but Is Compatible with Postnatal Development. <i>Developmental Cell</i> , 2013, 24, 310-323.	3.1	379
2	Loss of Tet Enzymes Compromises Proper Differentiation of Embryonic Stem Cells. <i>Developmental Cell</i> , 2014, 29, 102-111.	3.1	274
3	Epigenetically Deregulated microRNA-375 Is Involved in a Positive Feedback Loop with Estrogen Receptor $\beta$ in Breast Cancer Cells. <i>Cancer Research</i> , 2010, 70, 9175-9184.	0.4	260
4	Epigenetic regulatory functions of DNA modifications: 5-methylcytosine and beyond. <i>Epigenetics and Chromatin</i> , 2015, 8, 24.	1.8	249
5	General transcription factors bind promoters repressed by Polycomb group proteins. <i>Nature</i> , 2001, 412, 651-655.	13.7	231
6	Chromatin-associated RNA interference components contribute to transcriptional regulation in <i>Drosophila</i> . <i>Nature</i> , 2011, 480, 391-395.	13.7	203
7	Genome-wide DNA-methylation landscape defines specialization of regulatory T cells in tissues. <i>Nature Immunology</i> , 2017, 18, 1160-1172.	7.0	193
8	Genome-wide promoter DNA methylation dynamics of human hematopoietic progenitor cells during differentiation and aging. <i>Blood</i> , 2011, 117, e182-e189.	0.6	177
9	Noncoding RNA synthesis and loss of Polycomb group repression accompanies the colinear activation of the human HOXA cluster. <i>Rna</i> , 2006, 13, 223-239.	1.6	113
10	<i>Drosophila</i> Chromosome Condensation Proteins Topoisomerase II and Barren Colocalize with Polycomb and Maintain Fab-7 PRE Silencing. <i>Molecular Cell</i> , 2001, 7, 127-136.	4.5	110
11	Chronic Inflammation Induces a Novel Epigenetic Program That Is Conserved in Intestinal Adenomas and in Colorectal Cancer. <i>Cancer Research</i> , 2015, 75, 2120-2130.	0.4	91
12	Transcriptional programs that control expression of the autoimmune regulator gene Aire. <i>Nature Immunology</i> , 2017, 18, 161-172.	7.0	81
13	DNA (de)methylation in embryonic stem cells controls CTCF-dependent chromatin boundaries. <i>Genome Research</i> , 2019, 29, 750-761.	2.4	76
14	Hydroxylation of 5-methylcytosine by TET2 maintains the active state of the mammalian HOXA cluster. <i>Nature Communications</i> , 2012, 3, 818.	5.8	65
15	Tet1 and Tet2 Protect DNA Methylation Canyons against Hypermethylation. <i>Molecular and Cellular Biology</i> , 2016, 36, 452-461.	1.1	54
16	The <i>Drosophila</i> Polycomb Protein Interacts with Nucleosomal Core Particles In Vitro via Its Repression Domain. <i>Molecular and Cellular Biology</i> , 1999, 19, 8451-8460.	1.1	47
17	Epigenome changes in active and inactive Polycomb-controlled regions. <i>EMBO Reports</i> , 2004, 5, 976-982.	2.0	46
18	Biology of Polycomb and Trithorax Group Proteins. <i>International Review of Cytology</i> , 2007, 258, 83-136.	6.2	42

#	ARTICLE	IF	CITATIONS
19	Rbpj expression in regulatory T cells is critical for restraining TH2 responses. Nature Communications, 2019, 10, 1621.	5.8	41
20	Nucleoside Drugs Induce Cellular Differentiation by Caspase-Dependent Degradation of Stem Cell Factors. PLoS ONE, 2010, 5, e10726.	1.1	38
21	MYC-Induced Epigenetic Activation of GATA4 in Lung Adenocarcinoma. Molecular Cancer Research, 2013, 11, 161-172.	1.5	15
22	SET domain proteins reSET gene expression. Nature Structural Biology, 2002, 9, 894-896.	9.7	12
23	Embryonic Carcinoma Cells Show Specific Dielectric Resistance Profiles during Induced Differentiation. PLoS ONE, 2013, 8, e59895.	1.1	12
24	Chromatin Immunoprecipitation. Methods in Molecular Biology, 2016, 1480, 7-21.	0.4	11
25	RNA-Interference Components Are Dispensable for Transcriptional Silencing of the Drosophila Bithorax-Complex. PLoS ONE, 2013, 8, e65740.	1.1	7
26	Measurement of Cellular Behavior by Electrochemical Impedance Sensing. Methods in Molecular Biology, 2017, 1601, 267-273.	0.4	2