

Karl Ekwall

List of Publications by Year in Descending Order

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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.

68

papers

3,214

citations

29

h-index

56

g-index

72

ext. papers

3,739

ext. citations

8.5

avg, IF

5.11

L-index

#	Paper	IF	Citations
68	Histone H4 lysine 20 mono-methylation directly facilitates chromatin openness and promotes transcription of housekeeping genes. <i>Nature Communications</i> , 2021 , 12, 4800	17.4	11
67	Restoration of KMT2C/MLL3 in human colorectal cancer cells reinforces genome-wide H3K4me1 profiles and influences cell growth and gene expression. <i>Clinical Epigenetics</i> , 2020 , 12, 74	7.7	7
66	AML displays increased CTCF occupancy associated with aberrant gene expression and transcription factor binding. <i>Blood</i> , 2020 , 136, 339-352	2.2	6
65	Abo1 is required for the H3K9me2 to H3K9me3 transition in heterochromatin. <i>Scientific Reports</i> , 2020 , 10, 6055	4.9	3
64	High-Throughput Flow Cytometry Combined with Genetic Analysis Brings New Insights into the Understanding of Chromatin Regulation of Cellular Quiescence. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
63	Comprehensive profiling of the fission yeast transcription start site activity during stress and media response. <i>Nucleic Acids Research</i> , 2019 , 47, 1671-1691	20.1	19
62	Leo1 is essential for the dynamic regulation of heterochromatin and gene expression during cellular quiescence. <i>Epigenetics and Chromatin</i> , 2019 , 12, 45	5.8	12
61	H3K14 ubiquitylation promotes H3K9 methylation for heterochromatin assembly. <i>EMBO Reports</i> , 2019 , 20, e48111	6.5	18
60	Chromatin remodeler Fft3 plays a dual role at blocked DNA replication forks. <i>Life Science Alliance</i> , 2019 , 2,	5.8	1
59	Histone H2B Ubiquitylation Regulates Histone Gene Expression by Suppressing Antisense Transcription in Fission Yeast. <i>Genetics</i> , 2019 , 213, 161-172	4	2
58	The binding of Chp2 $\bar{5}$ chromodomain to methylated H3K9 is essential for Chp2 $\bar{5}$ role in heterochromatin assembly in fission yeast. <i>PLoS ONE</i> , 2018 , 13, e0201101	3.7	3
57	Topokaryotyping demonstrates single cell variability and stress dependent variations in nuclear envelope associated domains. <i>Nucleic Acids Research</i> , 2018 , 46, e135	20.1	1
56	A second Wpl1 anti-cohesion pathway requires dephosphorylation of fission yeast kleisin Rad21 by PP4. <i>EMBO Journal</i> , 2017 , 36, 1364-1378	13	10
55	CTG repeat-targeting oligonucleotides for down-regulating Huntingtin expression. <i>Nucleic Acids Research</i> , 2017 , 45, 5153-5169	20.1	15
54	Cancer-specific changes in DNA methylation reveal aberrant silencing and activation of enhancers in leukemia. <i>Blood</i> , 2017 , 129, e13-e25	2.2	24
53	Ethyl Methanesulfonate Mutagenesis in. <i>Cold Spring Harbor Protocols</i> , 2017 , 2017, pdb.prot091736	1.2	1
52	FANTOM5 CAGE profiles of human and mouse samples. <i>Scientific Data</i> , 2017 , 4, 170112	8.2	88

51	Mating-Type Determination in. <i>Cold Spring Harbor Protocols</i> , 2017 , 2017, pdb.prot091728	1.2	4
50	Genetic Analysis of. <i>Cold Spring Harbor Protocols</i> , 2017 , 2017, pdb.top079772	1.2	12
49	Selecting Diploids. <i>Cold Spring Harbor Protocols</i> , 2017 , 2017, pdb.prot091702	1.2	5
48	Spore Analysis and Tetrad Dissection of. <i>Cold Spring Harbor Protocols</i> , 2017 , 2017, pdb.prot091710	1.2	8
47	Setting up Crosses/Matings. <i>Cold Spring Harbor Protocols</i> , 2017 , 2017, pdb.prot091694	1.2	7
46	Comprehensive mapping of the effects of azacitidine on DNA methylation, repressive/permissive histone marks and gene expression in primary cells from patients with MDS and MDS-related disease. <i>Oncotarget</i> , 2017 , 8, 28812-28825	3.3	28
45	Mutations in histone modulators are associated with prolonged survival during azacitidine therapy. <i>Oncotarget</i> , 2016 , 7, 22103-15	3.3	35
44	Regulating retrotransposon activity through the use of alternative transcription start sites. <i>EMBO Reports</i> , 2016 , 17, 753-68	6.5	17
43	Transcription-coupled recruitment of human CHD1 and CHD2 influences chromatin accessibility and histone H3 and H3.3 occupancy at active chromatin regions. <i>Epigenetics and Chromatin</i> , 2015 , 8, 4	5.8	32
42	Epigenetic Regulation of Chromatin States in <i>Schizosaccharomyces pombe</i> . <i>Cold Spring Harbor Perspectives in Biology</i> , 2015 , 7, a018770	10.2	113
41	The Fun30 chromatin remodeler Fft3 controls nuclear organization and chromatin structure of insulators and subtelomeres in fission yeast. <i>PLoS Genetics</i> , 2015 , 11, e1005101	6	41
40	A nucleosome turnover map reveals that the stability of histone H4 Lys20 methylation depends on histone recycling in transcribed chromatin. <i>Genome Research</i> , 2015 , 25, 872-83	9.7	33
39	The Paf1 complex factors Leo1 and Paf1 promote local histone turnover to modulate chromatin states in fission yeast. <i>EMBO Reports</i> , 2015 , 16, 1673-87	6.5	42
38	ABCE1 is a highly conserved RNA silencing suppressor. <i>PLoS ONE</i> , 2015 , 10, e0116702	3.7	9
37	The roles of SNF2/SWI2 nucleosome remodeling enzymes in blood cell differentiation and leukemia. <i>BioMed Research International</i> , 2015 , 2015, 347571	3	19
36	Panspecies small-molecule disruptors of heterochromatin-mediated transcriptional gene silencing. <i>Molecular and Cellular Biology</i> , 2015 , 35, 662-74	4.8	2
35	Mutations in Histone Modulators Are Associated with Prolonged Survival during Azacitidine Therapy. <i>Blood</i> , 2015 , 126, 2839-2839	2.2	
34	Centromeric histone H2B monoubiquitination promotes noncoding transcription and chromatin integrity. <i>Nature Structural and Molecular Biology</i> , 2014 , 21, 236-43	17.6	57

33	RNAi mediates post-transcriptional repression of gene expression in fission yeast <i>Schizosaccharomyces pombe</i> . <i>Biochemical and Biophysical Research Communications</i> , 2014 , 444, 254-9	3.4	15
32	DNA topoisomerase III localizes to centromeres and affects centromeric CENP-A levels in fission yeast. <i>PLoS Genetics</i> , 2013 , 9, e1003371	6	8
31	Transcriptional regulation at the yeast nuclear envelope. <i>Nucleus</i> , 2013 , 4, 379-89	3.9	21
30	Telomeric repeats facilitate CENP-A(Cnp1) incorporation via telomere binding proteins. <i>PLoS ONE</i> , 2013 , 8, e69673	3.7	22
29	CHD1 remodelers regulate nucleosome spacing in vitro and align nucleosomal arrays over gene coding regions in <i>S. pombe</i> . <i>EMBO Journal</i> , 2012 , 31, 4388-403	13	74
28	The inner nuclear membrane proteins Man1 and Ima1 link to two different types of chromatin at the nuclear periphery in <i>S. pombe</i> . <i>Nucleus</i> , 2012 , 3, 77-87	3.9	51
27	Comparative functional genomics of the fission yeasts. <i>Science</i> , 2011 , 332, 930-6	33.3	364
26	The FUN30 chromatin remodeler, Fft3, protects centromeric and subtelomeric domains from euchromatin formation. <i>PLoS Genetics</i> , 2011 , 7, e1001334	6	61
25	Topoisomerases, chromatin and transcription termination. <i>Transcription</i> , 2011 , 2, 66-70	4.8	21
24	Heterochromatin and Euchromatin Organization, Boundaries, and Gene Regulation 2011 ,		1
23	Podbat: a novel genomic tool reveals Swr1-independent H2A.Z incorporation at gene coding sequences through epigenetic meta-analysis. <i>PLoS Computational Biology</i> , 2011 , 7, e1002163	5	27
22	<i>Schizosaccharomyces pombe</i> genome-wide nucleosome mapping reveals positioning mechanisms distinct from those of <i>Saccharomyces cerevisiae</i> . <i>Nature Structural and Molecular Biology</i> , 2010 , 17, 251-17.6	17.6	184
21	Topoisomerase I regulates open chromatin and controls gene expression in vivo. <i>EMBO Journal</i> , 2010 , 29, 2126-34	13	63
20	Fission yeast <i>lec1-ino80</i> -mediated nucleosome eviction regulates nucleotide and phosphate metabolism. <i>Molecular and Cellular Biology</i> , 2010 , 30, 657-74	4.8	37
19	Chd1 remodelers maintain open chromatin and regulate the epigenetics of differentiation. <i>Experimental Cell Research</i> , 2010 , 316, 1316-23	4.2	16
18	Histone modification patterns and epigenetic codes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2009 , 1790, 863-8	4	149
17	Genome-wide mapping of nucleosome positions in <i>Schizosaccharomyces pombe</i> . <i>Methods</i> , 2009 , 48, 218-25	4.6	30
16	Chromatin immunoprecipitation using microarrays. <i>Methods in Molecular Biology</i> , 2009 , 529, 279-95	1.4	12

15	The Schizosaccharomyces pombe JmjC-protein, Msc1, prevents H2A.Z localization in centromeric and subtelomeric chromatin domains. <i>PLoS Genetics</i> , 2009 , 5, e1000726	6	54
14	Molecular biology. The paradox of silent heterochromatin. <i>Science</i> , 2008 , 320, 624-5	33.3	10
13	Specific functions for the fission yeast Sirtuins Hst2 and Hst4 in gene regulation and retrotransposon silencing. <i>EMBO Journal</i> , 2007 , 26, 2477-88	13	40
12	A genome-wide role for CHD remodelling factors and Nap1 in nucleosome disassembly. <i>EMBO Journal</i> , 2007 , 26, 2868-79	13	70
11	Epigenetic control of centromere behavior. <i>Annual Review of Genetics</i> , 2007 , 41, 63-81	14.5	78
10	Genome-wide studies of histone demethylation catalysed by the fission yeast homologues of mammalian LSD1. <i>PLoS ONE</i> , 2007 , 2, e386	3.7	29
9	Genomewide analysis of nucleosome density histone acetylation and HDAC function in fission yeast. <i>EMBO Journal</i> , 2005 , 24, 2906-18	13	116
8	Genome-wide analysis of HDAC function. <i>Trends in Genetics</i> , 2005 , 21, 608-15	8.5	101
7	RNA Pol II subunit Rpb7 promotes centromeric transcription and RNAi-directed chromatin silencing. <i>Genes and Development</i> , 2005 , 19, 2301-6	12.6	181
6	Dicer is required for chromosome segregation and gene silencing in fission yeast cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 16648-53	11.5	109
5	Functional divergence between histone deacetylases in fission yeast by distinct cellular localization and in vivo specificity. <i>Molecular and Cellular Biology</i> , 2002 , 22, 2170-81	4.8	150
4	The domain structure of centromeres is conserved from fission yeast to humans. <i>Molecular Biology of the Cell</i> , 2001 , 12, 2767-75	3.5	78
3	Transient inhibition of histone deacetylation alters the structural and functional imprint at fission yeast centromeres. <i>Cell</i> , 1997 , 91, 1021-32	56.2	341
2	Budding yeast CAN1 gene as a selection marker in fission yeast. <i>Nucleic Acids Research</i> , 1991 , 19, 1150	20.1	13
1	Comprehensive profiling of the fission yeast transcription start site activity during stress and media response		1