

# Hendrik Marks

## 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.

55  
papers

3,829  
citations

26  
h-index

61  
g-index

61  
ext. papers

4,568  
ext. citations

12.2  
avg, IF

4.99  
L-index

#	Paper	IF	Citations
55	The transcriptional and epigenomic foundations of ground state pluripotency. <i>Cell</i> , <b>2012</b> , 149, 590-604	56.2	640
54	Quantitative interaction proteomics and genome-wide profiling of epigenetic histone marks and their readers. <i>Cell</i> , <b>2010</b> , 142, 967-80	56.2	579
53	Whole-genome bisulfite sequencing of two distinct interconvertible DNA methylomes of mouse embryonic stem cells. <i>Cell Stem Cell</i> , <b>2013</b> , 13, 360-9	18	344
52	Sequential ChIP-bisulfite sequencing enables direct genome-scale investigation of chromatin and DNA methylation cross-talk. <i>Genome Research</i> , <b>2012</b> , 22, 1128-38	9.7	277
51	A role for cohesin in T-cell-receptor rearrangement and thymocyte differentiation. <i>Nature</i> , <b>2011</b> , 476, 467-71	50.4	178
50	Mll2 is required for H3K4 trimethylation on bivalent promoters in embryonic stem cells, whereas Mll1 is redundant. <i>Development (Cambridge)</i> , <b>2014</b> , 141, 526-37	6.6	177
49	Epigenetic regulation of learning and memory by Drosophila EHMT/G9a. <i>PLoS Biology</i> , <b>2011</b> , 9, e1000569	9.7	153
48	Tracking the embryonic stem cell transition from ground state pluripotency. <i>Development (Cambridge)</i> , <b>2017</b> , 144, 1221-1234	6.6	150
47	High-resolution analysis of epigenetic changes associated with X inactivation. <i>Genome Research</i> , <b>2009</b> , 19, 1361-73	9.7	112
46	MTF2 recruits Polycomb Repressive Complex 2 by helical-shape-selective DNA binding. <i>Nature Genetics</i> , <b>2018</b> , 50, 1002-1010	36.3	97
45	Otx2 and Oct4 drive early enhancer activation during embryonic stem cell transition from naive pluripotency. <i>Cell Reports</i> , <b>2014</b> , 7, 1968-81	10.6	95
44	The Complexity of PRC2 Subcomplexes. <i>Trends in Cell Biology</i> , <b>2019</b> , 29, 660-671	18.3	85
43	An RNA-Seq strategy to detect the complete coding and non-coding transcriptome including full-length imprinted macro ncRNAs. <i>PLoS ONE</i> , <b>2011</b> , 6, e27288	3.7	84
42	Genetic variation among isolates of White spot syndrome virus. <i>Archives of Virology</i> , <b>2004</b> , 149, 673-97	2.6	74
41	Dynamics of gene silencing during X inactivation using allele-specific RNA-seq. <i>Genome Biology</i> , <b>2015</b> , 16, 149	18.3	73
40	Molecular epidemiology of white spot syndrome virus within Vietnam. <i>Journal of General Virology</i> , <b>2004</b> , 85, 3607-3618	4.9	58
39	Fitness and virulence of an ancestral White Spot Syndrome Virus isolate from shrimp. <i>Virus Research</i> , <b>2005</b> , 110, 9-20	6.4	57

38	Diminished expression of multidrug resistance-associated protein 1 (MRP1) in bronchial epithelium of COPD patients. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2006</b> , 449, 682-8	5.1	50
37	Integrative Proteomic Profiling Reveals PRC2-Dependent Epigenetic Crosstalk Maintains Ground-State Pluripotency. <i>Cell Stem Cell</i> , <b>2019</b> , 24, 123-137.e8	18	50
36	Gene-expression profiling of White spot syndrome virus in vivo. <i>Journal of General Virology</i> , <b>2005</b> , 86, 2081-2100	4.9	49
35	Genome-wide epigenomic profiling for biomarker discovery. <i>Clinical Epigenetics</i> , <b>2016</b> , 8, 122	7.7	49
34	In vitro capture and characterization of embryonic rosette-stage pluripotency between naive and primed states. <i>Nature Cell Biology</i> , <b>2020</b> , 22, 534-545	23.4	47
33	Transcriptional analysis of the white spot syndrome virus major virion protein genes. <i>Journal of General Virology</i> , <b>2003</b> , 84, 1517-1523	4.9	34
32	Epigenetic modulation of a hardwired 3D chromatin landscape in two naive states of pluripotency. <i>Nature Cell Biology</i> , <b>2019</b> , 21, 568-578	23.4	33
31	Transcription regulation and chromatin structure in the pluripotent ground state. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , <b>2014</b> , 1839, 129-37	6	29
30	In vitro culture and characterization of putative porcine embryonic germ cells derived from domestic breeds and Yucatan mini pig embryos at Days 20-24 of gestation. <i>Stem Cell Research</i> , <b>2011</b> , 6, 226-37	1.6	26
29	Promoter analysis of the Chilo iridescent virus DNA polymerase and major capsid protein genes. <i>Virology</i> , <b>2003</b> , 317, 321-9	3.6	25
28	Stable methylation at promoters distinguishes epiblast stem cells from embryonic stem cells and the in vivo epiblasts. <i>Stem Cells and Development</i> , <b>2014</b> , 23, 2014-29	4.4	24
27	Miniaturised interaction proteomics on a microfluidic platform with ultra-low input requirements. <i>Nature Communications</i> , <b>2019</b> , 10, 1525	17.4	22
26	Evaluation of white spot syndrome virus variable DNA loci as molecular markers of virus spread at intermediate spatiotemporal scales. <i>Journal of General Virology</i> , <b>2010</b> , 91, 1164-72	4.9	20
25	Mammalian embryo comparison identifies novel pluripotency genes associated with the naive or primed state. <i>Biology Open</i> , <b>2018</b> , 7,	2.2	17
24	In silico identification of putative promoter motifs of White Spot Syndrome Virus. <i>BMC Bioinformatics</i> , <b>2006</b> , 7, 309	3.6	17
23	Intracellular distribution of cowpea mosaic virus movement protein as visualised by green fluorescent protein fusions. <i>Archives of Virology</i> , <b>2003</b> , 148, 2099-114	2.6	14
22	Dynamic CpG methylation delineates subregions within super-enhancers selectively decommissioned at the exit from naive pluripotency. <i>Nature Communications</i> , <b>2020</b> , 11, 1112	17.4	10
21	STARR-seq identifies active, chromatin-masked, and dormant enhancers in pluripotent mouse embryonic stem cells. <i>Genome Biology</i> , <b>2020</b> , 21, 243	18.3	9

20	Critical Role for P53 in Regulating the Cell Cycle of Ground State Embryonic Stem Cells. <i>Stem Cell Reports</i> , <b>2020</b> , 14, 175-183	8	8
19	Untargeted histone profiling during naive conversion uncovers conserved modification markers between mouse and human. <i>Scientific Reports</i> , <b>2019</b> , 9, 17240	4.9	8
18	A Mass Spectrometry Survey of Chromatin-Associated Proteins in Pluripotency and Early Lineage Commitment. <i>Proteomics</i> , <b>2019</b> , 19, e1900047	4.8	7
17	Allele-specific RNA-seq expression profiling of imprinted genes in mouse isogenic pluripotent states. <i>Epigenetics and Chromatin</i> , <b>2019</b> , 12, 14	5.8	6
16	An efficient method for generation of bi-allelic null mutant mouse embryonic stem cells and its application for investigating epigenetic modifiers. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, e174	20.1	6
15	Insightful tales from single embryonic cells. <i>Cell Stem Cell</i> , <b>2010</b> , 6, 397-8	18	5
14	Two Functional Axes of Feedback-Enforced PRC2 Recruitment in Mouse Embryonic Stem Cells. <i>Stem Cell Reports</i> , <b>2020</b> , 15, 1287-1300	8	4
13	The PinkThing for analysing CHIP profiling data in their genomic context. <i>BMC Research Notes</i> , <b>2013</b> , 6, 133	2.3	4
12	Tracking the embryonic stem cell transition from ground state pluripotency		4
11	Quantitative subcellular proteomics using SILAC reveals enhanced metabolic buffering in the pluripotent ground state. <i>Stem Cell Research</i> , <b>2018</b> , 33, 135-145	1.6	4
10	Virus-Host Interactions of White Spot Syndrome Virus. <i>Molecular Aspects of Fish and Marine Biology</i> , <b>2004</b> , 237-255		3
9	Two distinct functional axes of positive feedback-enforced PRC2 recruitment in mouse embryonic stem cells		2
8	Terminal keratinocyte differentiation in vitro is associated with a stable DNA methylome. <i>Experimental Dermatology</i> , <b>2021</b> , 30, 1023-1032	4	2
7	A plug and play microfluidic platform for standardized sensitive low-input chromatin immunoprecipitation. <i>Genome Research</i> , <b>2021</b> , 31, 919-933	9.7	2
6	Cholangiocyte organoids from human bile retain a local phenotype and can repopulate bile ducts in vitro.. <i>Clinical and Translational Medicine</i> , <b>2021</b> , 11, e566	5.7	2
5	Developments in pluripotency: a new formative state. <i>Cell Research</i> , <b>2021</b> , 31, 493-494	24.7	1
4	Human branching cholangiocyte organoids recapitulate functional bile duct formation.. <i>Cell Stem Cell</i> , <b>2022</b> , 29, 776-794.e13	18	0
3	PRC1 Prevents Replication Stress during Chondrogenic Transit Amplification. <i>Epigenomes</i> , <b>2017</b> , 1, 22	2.3	

- 2 Overcoming epigenetic roadblocks. *Nature Chemical Biology*, **2021**, 17, 6-7 11.7
- 1 PRC1 uncomplexed.. *Stem Cell Reports*, **2022**, 17, 1009-1011 8