

# Gabriella Ficz

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

5,577  
citations

394421

19  
h-index

526287

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

8780  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic regulation of 5-hydroxymethylcytosine in mouse ES cells and during differentiation. <i>Nature</i> , 2011, 473, 398-402.	27.8	1,035
2	Quantitative Sequencing of 5-Methylcytosine and 5-Hydroxymethylcytosine at Single-Base Resolution. <i>Science</i> , 2012, 336, 934-937.	12.6	850
3	Resetting Transcription Factor Control Circuitry toward Ground-State Pluripotency in Human. <i>Cell</i> , 2014, 158, 1254-1269.	28.9	784
4	Uncovering the role of 5-hydroxymethylcytosine in the epigenome. <i>Nature Reviews Genetics</i> , 2012, 13, 7-13.	16.3	658
5	FGF Signaling Inhibition in ESCs Drives Rapid Genome-wide Demethylation to the Epigenetic Ground State of Pluripotency. <i>Cell Stem Cell</i> , 2013, 13, 351-359.	11.1	371
6	Global Mapping of DNA Methylation in Mouse Promoters Reveals Epigenetic Reprogramming of Pluripotency Genes. <i>PLoS Genetics</i> , 2008, 4, e1000116.	3.5	317
7	A screen for hydroxymethylcytosine and formylcytosine binding proteins suggests functions in transcription and chromatin regulation. <i>Genome Biology</i> , 2013, 14, R119.	9.6	269
8	Data Resource Profile: Accessible Resource for Integrated Epigenomic Studies (ARIES). <i>International Journal of Epidemiology</i> , 2015, 44, 1181-1190.	1.9	238
9	Genome-wide distribution of 5-formylcytosine in embryonic stem cells is associated with transcription and depends on thymine DNA glycosylase. <i>Genome Biology</i> , 2012, 13, R69.	9.6	205
10	Dietary restriction protects from age-associated DNA methylation and induces epigenetic reprogramming of lipid metabolism. <i>Genome Biology</i> , 2017, 18, 56.	8.8	164
11	Breaking the resolution limit in light microscopy. <i>Briefings in Functional Genomics &amp; Proteomics</i> , 2006, 5, 289-301.	3.8	142
12	Retinol and ascorbate drive erasure of epigenetic memory and enhance reprogramming to naïve pluripotency by complementary mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12202-12207.	7.1	139
13	Loss of 5-hydroxymethylcytosine in cancer: Cause or consequence?. <i>Genomics</i> , 2014, 104, 352-357.	2.9	100
14	Hit-and-run epigenetic editing prevents senescence entry in primary breast cells from healthy donors. <i>Nature Communications</i> , 2017, 8, 1450.	12.8	86
15	New insights into mechanisms that regulate DNA methylation patterning. <i>Journal of Experimental Biology</i> , 2015, 218, 14-20.	1.7	49
16	Breaking the Resolution Limit in Light Microscopy. <i>Methods in Cell Biology</i> , 2007, 81, 561-580.	1.1	39
17	The Ageing Brain: Effects on DNA Repair and DNA Methylation in Mice. <i>Genes</i> , 2017, 8, 75.	2.4	28
18	Genomic alterations in high-risk chronic lymphocytic leukemia frequently affect cell cycle key regulators and NOTCH1-regulated transcription. <i>Haematologica</i> , 2020, 105, 1379-1390.	3.5	24

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19	Breaking the Resolution Limit in Light Microscopy. <i>Methods in Cell Biology</i> , 2013, 114, 525-544.	1.1	23
20	The Influence of Hydroxylation on Maintaining CpG Methylation Patterns: A Hidden Markov Model Approach. <i>PLoS Computational Biology</i> , 2016, 12, e1004905.	3.2	18
21	Transition to naïve human pluripotency mirrors pan-cancer DNA hypermethylation. <i>Nature Communications</i> , 2020, 11, 3671.	12.8	17
22	Reprogramming by Cell Fusion: Boosted by Tets. <i>Molecular Cell</i> , 2013, 49, 1017-1018.	9.7	7
23	A novel use of random priming-based single-strand library preparation for whole genome sequencing of formalin-fixed paraffin-embedded tissue samples. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqz017.	3.2	4
24	A comprehensive approach for genome-wide efficiency profiling of DNA modifying enzymes. <i>Cell Reports Methods</i> , 2022, 2, 100187.	2.9	4
25	The Epigenomic Landscape of Reprogramming in Mammals. , 2009, , 259-282.		3
26	The Biology and Genomic Localization of Cytosine Modifications. <i>Epigenetics and Human Health</i> , 2015, , 167-191.	0.2	1
27	CRISPR/Cas9-Targeted De Novo DNA Methylation Is Maintained and Impacts the Colony Forming Potential of Human Hematopoietic CD34+ Cells. <i>Blood</i> , 2019, 134, 2517-2517.	1.4	1
28	An shRNA kinase screen identifies regulators of UHRF1 stability and activity in mouse embryonic stem cells. <i>Epigenetics</i> , 2022, , 1-18.	2.7	1
29	Corrupted devolution: How normal cells are reborn as cancer precursors. <i>International Journal of Biochemistry and Cell Biology</i> , 2022, 149, 106263.	2.8	0