Yehudit Bergman

List of Publications by Year
in descending order

37 papers	3,748 citations	304743 22 h-index	361022 35 g-index
39 all docs	39 docs citations	39 times ranked	6249 citing authors

#	Article	IF	Citations
1	Polycomb-mediated methylation on Lys27 of histone H3 pre-marks genes for de novo methylation in cancer. Nature Genetics, 2007, 39, 232-236.	21.4	1,062
2	DNA methylation dynamics in health and disease. Nature Structural and Molecular Biology, 2013, 20, 274-281.	8.2	503
3	Programming of DNA Methylation Patterns. Annual Review of Biochemistry, 2012, 81, 97-117.	11.1	382
4	Asynchronous replication and allelic exclusion in the immune system. Nature, 2001, 414, 221-225.	27.8	222
5	A role for nuclear NFâ€“ÎºB in Bâ€“cellâ€“specific demethylation of the Igκ locus. Nature Genetics, 1996, 13, 435-441.	21.4	220
6	Epigenetic ontogeny of the Igk locus during B cell development. Nature Immunology, 2005, 6, 198-203.	14.5	152
7	Epigenetics of haematopoietic cell development. Nature Reviews Immunology, 2011, 11, 478-488.	22.7	151
8	The microbiota programs DNA methylation to control intestinal homeostasis and inflammation. Nature Microbiology, 2020, 5, 610-619.	13.3	95
9	Chronic Inflammation Induces a Novel Epigenetic Program That Is Conserved in Intestinal Adenomas and in Colorectal Cancer. Cancer Research, 2015, 75, 2120-2130.	0.9	91
10	Tissue-specific DNA demethylation is required for proper B-cell differentiation and function. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5018-5023.	7.1	83
11	A stepwise epigenetic process controls immunoglobulin allelic exclusion. Nature Reviews Immunology, 2004, 4, 753-761.	22.7	69
12	Cell-of-Origin DNA Methylation Signatures Are Maintained during Colorectal Carcinogenesis. Cell Reports, 2018, 23, 3407-3418.	6.4	66
13	Differential accessibility at the Îº chain locus plays a role in allelic exclusion. EMBO Journal, 2002, 21, 5255-5261.	7.8	59
14	Neutralizing Gatad2a-Chd4-Mbd3/NuRD Complex Facilitates Deterministic Induction of Naive Pluripotency. Cell Stem Cell, 2018, 23, 412-425.e10.	11.1	59
15	Allelic inactivation of rDNA loci. Genes and Development, 2009, 23, 2437-2447.	5.9	58
16	Choreography of Ig allelic exclusion. Current Opinion in Immunology, 2008, 20, 308-317.	5.5	57
17	Pregnancy restores the regenerative capacity of the aged liver via activation of an mTORC1-controlled hyperplasia/hypertrophy switch. Genes and Development, 2010, 24, 543-548.	5.9	50
18	Biallelic Germline Transcription at the Îº Immunoglobulin Locus. Journal of Experimental Medicine, 2003, 197, 743-750.	8.5	48

#	Article	IF	Citations
19	Allelic 'choice' governs somatic hypermutation in vivo at the immunoglobulin Î¹-chain locus. Nature Immunology, 2007, 8, 715-722.	14.5	45
20	Clonal allelic predetermination of immunoglobulin-Î¹ rearrangement. Nature, 2012, 490, 561-565.	27.8	42
21	Epigenetic mechanisms that regulate antigen receptor gene expression. Current Opinion in Immunology, 2003, 15, 176-181.	5.5	37
22	Mapping of murine IgE epitopes involved in IgE-FcÉ› receptor interactions. European Journal of Immunology, 1989, 19, 1015-1023.	2.9	34
23	Epigenetic Regulation of Monoallelic Rearrangement (Allelic Exclusion) of Antigen Receptor Genes. Frontiers in Immunology, 2014, 5, 625.	4.8	25
24	Rejuvenating effect of pregnancy on the mother. Fertility and Sterility, 2015, 103, 1125-1128.	1.0	21
25	Epigenetic control of recombination in the immune system. Seminars in Immunology, 2010, 22, 323-329.	5.6	20
26	The rejuvenating effect of pregnancy on muscle regeneration. Aging Cell, 2015, 14, 698-700.	6.7	19
27	Clonally stable VÎ¹ allelic choice instructs IgÎ¹ repertoire. Nature Communications, 2017, 8, 15575.	12.8	17
28	Extinction of expression of the translocatedmyc gene in somatic cell hybrids between mouse myeloma and l-cells. International Journal of Cancer, 1989, 43, 87-92.	5.1	11
29	Programming asynchronous replication in stem cells. Nature Structural and Molecular Biology, 2017, 24, 1132-1138.	8.2	10
30	Determining gestational age using genome methylation profile: A novel approach for fetal medicine. Prenatal Diagnosis, 2019, 39, 1005-1010.	2.3	10
31	Embryonic Stem Cell (ES)-Specific Enhancers Specify the Expression Potential of ES Genes in Cancer. PLoS Genetics, 2016, 12, e1005840.	3.5	10
32	Chromosomal coordination and differential structure of asynchronous replicating regions. Nature Communications, 2021, 12, 1035.	12.8	8
33	A Novel Pax5-Binding Regulatory Element in the IgÃŽÂ¹ Locus. Frontiers in Immunology, 2014, 5, 240.	4.8	6
34	Asynchronous Replication Timing: A Mechanism for Monoallelic Choice During Development. Frontiers in Cell and Developmental Biology, 2021, 9, 737681.	3.7	2
35	Variability and Exclusion in Host and Parasite: Epigenetic Regulation of Ig and var Expression. Journal of Immunology, 2006, 177, 5767-5774.	0.8	1
36	Regulation of IgL Chain Recombination. , 2016, , 71-77.		1

#	Article	IF	Citations
37	Neutralizing Gatad2a-Chd4-Mbd3 Axis within the NuRD Complex Facilitates Deterministic Induction of Naive Pluripotency. SSRN Electronic Journal, 0, , .	0.4	0