

Ari M Melnick

List of Publications by Year in descending order

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424
papers

39,564
citations

2203

99
h-index

3312

184
g-index

428
all docs

428
docs citations

428
times ranked

47512
citing authors

#	ARTICLE	IF	CITATIONS
1	Leukemic IDH1 and IDH2 Mutations Result in a Hypermethylation Phenotype, Disrupt TET2 Function, and Impair Hematopoietic Differentiation. <i>Cancer Cell</i> , 2010, 18, 553-567.	7.7	2,328
2	IDH mutation impairs histone demethylation and results in a block to cell differentiation. <i>Nature</i> , 2012, 483, 474-478.	13.7	1,693
3	Prognostic Relevance of Integrated Genetic Profiling in Acute Myeloid Leukemia. <i>New England Journal of Medicine</i> , 2012, 366, 1079-1089.	13.9	1,688
4	methylKit: a comprehensive R package for the analysis of genome-wide DNA methylation profiles. <i>Genome Biology</i> , 2012, 13, R87.	13.9	1,541
5	Tet2 Loss Leads to Increased Hematopoietic Stem Cell Self-Renewal and Myeloid Transformation. <i>Cancer Cell</i> , 2011, 20, 11-24.	7.7	1,105
6	Cell type of origin influences the molecular and functional properties of mouse induced pluripotent stem cells. <i>Nature Biotechnology</i> , 2010, 28, 848-855.	9.4	1,080
7	The N6-methyladenosine (m6A)-forming enzyme METTL3 controls myeloid differentiation of normal hematopoietic and leukemia cells. <i>Nature Medicine</i> , 2017, 23, 1369-1376.	15.2	971
8	A Molecular Roadmap of Reprogramming Somatic Cells into iPS Cells. <i>Cell</i> , 2012, 151, 1617-1632.	13.5	762
9	DNA Methylation Signatures Identify Biologically Distinct Subtypes in Acute Myeloid Leukemia. <i>Cancer Cell</i> , 2010, 17, 13-27.	7.7	737
10	EZH2 Is Required for Germinal Center Formation and Somatic EZH2 Mutations Promote Lymphoid Transformation. <i>Cancer Cell</i> , 2013, 23, 677-692.	7.7	706
11	Recurrent somatic TET2 mutations in normal elderly individuals with clonal hematopoiesis. <i>Nature Genetics</i> , 2012, 44, 1179-1181.	9.4	692
12	The NASA Twins Study: A multidimensional analysis of a year-long human spaceflight. <i>Science</i> , 2019, 364, .	6.0	576
13	The International Consensus Classification of Mature Lymphoid Neoplasms: a report from the Clinical Advisory Committee. <i>Blood</i> , 2022, 140, 1229-1253.	0.6	512
14	ASXL1 Mutations Promote Myeloid Transformation through Loss of PRC2-Mediated Gene Repression. <i>Cancer Cell</i> , 2012, 22, 180-193.	7.7	504
15	IDH1(R132H) mutation increases murine haematopoietic progenitors and alters epigenetics. <i>Nature</i> , 2012, 488, 656-659.	13.7	474
16	DNMT1-interacting RNAs block gene-specific DNA methylation. <i>Nature</i> , 2013, 503, 371-376.	13.7	446
17	The histone lysine methyltransferase KMT2D sustains a gene expression program that represses B cell lymphoma development. <i>Nature Medicine</i> , 2015, 21, 1199-1208.	15.2	359
18	Comparative isoschizomer profiling of cytosine methylation: The HELP assay. <i>Genome Research</i> , 2006, 16, 1046-1055.	2.4	355

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19	Outcome of Deferred Initial Therapy in Mantle-Cell Lymphoma. <i>Journal of Clinical Oncology</i> , 2009, 27, 1209-1213.	0.8	322
20	Distinct evolution and dynamics of epigenetic and genetic heterogeneity in acute myeloid leukemia. <i>Nature Medicine</i> , 2016, 22, 792-799.	15.2	322
21	Loss of BAP1 function leads to EZH2-dependent transformation. <i>Nature Medicine</i> , 2015, 21, 1344-1349.	15.2	297
22	MDS and secondary AML display unique patterns and abundance of aberrant DNA methylation. <i>Blood</i> , 2009, 114, 3448-3458.	0.6	292
23	Hsp90 inhibitor PU-H71, a multimodal inhibitor of malignancy, induces complete responses in triple-negative breast cancer models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8368-8373.	3.3	286
24	Specific peptide interference reveals BCL6 transcriptional and oncogenic mechanisms in B-cell lymphoma cells. <i>Nature Medicine</i> , 2004, 10, 1329-1335.	15.2	272
25	A Small-Molecule Inhibitor of BCL6 Kills DLBCL Cells In Vitro and In Vivo. <i>Cancer Cell</i> , 2010, 17, 400-411.	7.7	263
26	Base-Pair Resolution DNA Methylation Sequencing Reveals Profoundly Divergent Epigenetic Landscapes in Acute Myeloid Leukemia. <i>PLoS Genetics</i> , 2012, 8, e1002781.	1.5	263
27	EZH2-mediated epigenetic silencing in germinal center B cells contributes to proliferation and lymphomagenesis. <i>Blood</i> , 2010, 116, 5247-5255.	0.6	262
28	Mechanism of SMRT Corepressor Recruitment by the BCL6 BTB Domain. <i>Molecular Cell</i> , 2003, 12, 1551-1564.	4.5	251
29	Affinity-based proteomics reveal cancer-specific networks coordinated by Hsp90. <i>Nature Chemical Biology</i> , 2011, 7, 818-826.	3.9	240
30	DNA Hydroxymethylation Profiling Reveals that WT1 Mutations Result in Loss of TET2 Function in Acute Myeloid Leukemia. <i>Cell Reports</i> , 2014, 9, 1841-1855.	2.9	237
31	The epichaperome is an integrated chaperome network that facilitates tumour survival. <i>Nature</i> , 2016, 538, 397-401.	13.7	233
32	Bcl-6 mediates the germinal center B cell phenotype and lymphomagenesis through transcriptional repression of the DNA-damage sensor ATR. <i>Nature Immunology</i> , 2007, 8, 705-714.	7.0	231
33	MALT1 Small Molecule Inhibitors Specifically Suppress ABC-DLBCL In Vitro and In Vivo. <i>Cancer Cell</i> , 2012, 22, 812-824.	7.7	229
34	Prolonged Administration of Azacitidine With or Without Entinostat for Myelodysplastic Syndrome and Acute Myeloid Leukemia With Myelodysplasia-Related Changes: Results of the US Leukemia Intergroup Trial E1905. <i>Journal of Clinical Oncology</i> , 2014, 32, 1242-1248.	0.8	227
35	Mutant DNMT3A: a marker of poor prognosis in acute myeloid leukemia. <i>Blood</i> , 2012, 119, 5824-5831.	0.6	221
36	BCL6 orchestrates Tfh cell differentiation via multiple distinct mechanisms. <i>Journal of Experimental Medicine</i> , 2015, 212, 539-553.	4.2	218

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37	<i>CREBBP</i> Inactivation Promotes the Development of HDAC3-Dependent Lymphomas. <i>Cancer Discovery</i> , 2017, 7, 38-53.	7.7	218
38	ORY-1001, a Potent and Selective Covalent KDM1A Inhibitor, for the Treatment of Acute Leukemia. <i>Cancer Cell</i> , 2018, 33, 495-511.e12.	7.7	216
39	Molecular and Genetic Characterization of MHC Deficiency Identifies EZH2 as Therapeutic Target for Enhancing Immune Recognition. <i>Cancer Discovery</i> , 2019, 9, 546-563.	7.7	213
40	Auranofin Induces Lethal Oxidative and Endoplasmic Reticulum Stress and Exerts Potent Preclinical Activity against Chronic Lymphocytic Leukemia. <i>Cancer Research</i> , 2014, 74, 2520-2532.	0.4	207
41	Translocations of the <i>RARα</i> gene in acute promyelocytic leukemia. <i>Oncogene</i> , 2001, 20, 7186-7203.	2.6	206
42	The <i>BCL6</i> transcriptional program features repression of multiple oncogenes in primary B cells and is deregulated in DLBCL. <i>Blood</i> , 2009, 113, 5536-5548.	0.6	205
43	Critical Residues within the BTB Domain of PLZF and Bcl-6 Modulate Interaction with Corepressors. <i>Molecular and Cellular Biology</i> , 2002, 22, 1804-1818.	1.1	200
44	The Leukemogenicity of AML1-ETO Is Dependent on Site-Specific Lysine Acetylation. <i>Science</i> , 2011, 333, 765-769.	6.0	200
45	EZH2 and <i>BCL6</i> Cooperate to Assemble CBX8-BCOR Complex to Repress Bivalent Promoters, Mediate Germinal Center Formation and Lymphomagenesis. <i>Cancer Cell</i> , 2016, 30, 197-213.	7.7	200
46	DNMT3A mutations promote anthracycline resistance in acute myeloid leukemia via impaired nucleosome remodeling. <i>Nature Medicine</i> , 2016, 22, 1488-1495.	15.2	195
47	Mutational Cooperativity Linked to Combinatorial Epigenetic Gain of Function in Acute Myeloid Leukemia. <i>Cancer Cell</i> , 2015, 27, 502-515.	7.7	191
48	Therapeutic Targeting of RNA Splicing Catalysis through Inhibition of Protein Arginine Methylation. <i>Cancer Cell</i> , 2019, 36, 194-209.e9.	7.7	184
49	Mechanism-Based Epigenetic Chemosensitization Therapy of Diffuse Large B-Cell Lymphoma. <i>Cancer Discovery</i> , 2013, 3, 1002-1019.	7.7	180
50	<i>BCL6</i> enables Ph ⁺ acute lymphoblastic leukaemia cells to survive BCR α -ABL1 kinase inhibition. <i>Nature</i> , 2011, 473, 384-388.	13.7	174
51	The H3K27me3 demethylase UTX is a gender-specific tumor suppressor in T-cell acute lymphoblastic leukemia. <i>Blood</i> , 2015, 125, 13-21.	0.6	168
52	The Promyelocytic Leukemia Zinc Finger Protein Affects Myeloid Cell Growth, Differentiation, and Apoptosis. <i>Molecular and Cellular Biology</i> , 1998, 18, 5533-5545.	1.1	164
53	Structural Architecture of the CARMA1/Bcl10/MALT1 Signalosome: Nucleation-Induced Filamentous Assembly. <i>Molecular Cell</i> , 2013, 51, 766-779.	4.5	163
54	A Hybrid Mechanism of Action for <i>BCL6</i> in B Cells Defined by Formation of Functionally Distinct Complexes at Enhancers and Promoters. <i>Cell Reports</i> , 2013, 4, 578-588.	2.9	161

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55	Histone H1 loss drives lymphoma by disrupting 3D chromatin architecture. <i>Nature</i> , 2021, 589, 299-305.	13.7	155
56	A peptomimetic inhibitor of BCL6 with potent antilymphoma effects in vitro and in vivo. <i>Blood</i> , 2009, 113, 3397-3405.	0.6	154
57	BCL6-mediated repression of p53 is critical for leukemia stem cell survival in chronic myeloid leukemia. <i>Journal of Experimental Medicine</i> , 2011, 208, 2163-2174.	4.2	154
58	CTCF Haploinsufficiency Destabilizes DNA Methylation and Predisposes to Cancer. <i>Cell Reports</i> , 2014, 7, 1020-1029.	2.9	154
59	The Eph-Receptor A7 Is a Soluble Tumor Suppressor for Follicular Lymphoma. <i>Cell</i> , 2011, 147, 554-564.	13.5	151
60	Epigenetic Repression of miR-31 Disrupts Androgen Receptor Homeostasis and Contributes to Prostate Cancer Progression. <i>Cancer Research</i> , 2013, 73, 1232-1244.	0.4	150
61	A purine scaffold Hsp90 inhibitor destabilizes BCL-6 and has specific antitumor activity in BCL-6-dependent B cell lymphomas. <i>Nature Medicine</i> , 2009, 15, 1369-1376.	15.2	149
62	Breaking bad in the germinal center: how deregulation of BCL6 contributes to lymphomagenesis. <i>Trends in Molecular Medicine</i> , 2014, 20, 343-352.	3.5	148
63	The therapeutic landscape for cells engineered with chimeric antigen receptors. <i>Nature Biotechnology</i> , 2020, 38, 233-244.	9.4	147
64	Kaiso-Deficient Mice Show Resistance to Intestinal Cancer. <i>Molecular and Cellular Biology</i> , 2006, 26, 199-208.	1.1	146
65	Structure of a BCOR Corepressor Peptide in Complex with the BCL6 BTB Domain Dimer. <i>Molecular Cell</i> , 2008, 29, 384-391.	4.5	144
66	Lowered H3K27me3 and DNA hypomethylation define poorly prognostic pediatric posterior fossa ependymomas. <i>Science Translational Medicine</i> , 2016, 8, 366ra161.	5.8	144
67	An Embryonic Diapause-like Adaptation with Suppressed Myc Activity Enables Tumor Treatment Persistence. <i>Cancer Cell</i> , 2021, 39, 240-256.e11.	7.7	143
68	Oncogene-mediated alterations in chromatin conformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9083-9088.	3.3	142
69	High-resolution genome-wide cytosine methylation profiling with simultaneous copy number analysis and optimization for limited cell numbers. <i>Nucleic Acids Research</i> , 2009, 37, 3829-3839.	6.5	141
70	Pathogenic role of B-cell receptor signaling and canonical NF- κ B activation in mantle cell lymphoma. <i>Blood</i> , 2016, 128, 82-92.	0.6	141
71	Notch activation inhibits AML growth and survival: a potential therapeutic approach. <i>Journal of Experimental Medicine</i> , 2013, 210, 321-337.	4.2	139
72	Genomewide DNA methylation analysis reveals novel targets for drug development in mantle cell lymphoma. <i>Blood</i> , 2010, 116, 1025-1034.	0.6	138

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73	DNA methylation signatures define molecular subtypes of diffuse large B-cell lymphoma. <i>Blood</i> , 2010, 116, e81-e89.	0.6	138
74	Dose-dependent role of the cohesin complex in normal and malignant hematopoiesis. <i>Journal of Experimental Medicine</i> , 2015, 212, 1819-1832.	4.2	137
75	Induction of sarcomas by mutant IDH2. <i>Genes and Development</i> , 2013, 27, 1986-1998.	2.7	135
76	The ETO Protein Disrupted in t(8;21)-Associated Acute Myeloid Leukemia Is a Corepressor for the Promyelocytic Leukemia Zinc Finger Protein. <i>Molecular and Cellular Biology</i> , 2000, 20, 2075-2086.	1.1	134
77	A stable transcription factor complex nucleated by oligomeric AML1 α -ETO controls leukaemogenesis. <i>Nature</i> , 2013, 500, 93-97.	13.7	134
78	The Expanding Role of the BCL6 Oncoprotein as a Cancer Therapeutic Target. <i>Clinical Cancer Research</i> , 2017, 23, 885-893.	3.2	133
79	Chemotherapy Induces Senescence-Like Resilient Cells Capable of Initiating AML Recurrence. <i>Cancer Discovery</i> , 2021, 11, 1542-1561.	7.7	133
80	Rationally designed BCL6 inhibitors target activated B cell diffuse large B cell lymphoma. <i>Journal of Clinical Investigation</i> , 2016, 126, 3351-3362.	3.9	133
81	EZH2 enables germinal centre formation through epigenetic silencing of CDKN1A and an Rb-E2F1 feedback loop. <i>Nature Communications</i> , 2017, 8, 877.	5.8	132
82	Shotgun transcriptome, spatial omics, and isothermal profiling of SARS-CoV-2 infection reveals unique host responses, viral diversification, and drug interactions. <i>Nature Communications</i> , 2021, 12, 1660.	5.8	132
83	Histone deacetylase inhibitor treatment induces α -BRCAness α ™ and synergistic lethality with PARP inhibitor and cisplatin against human triple negative breast cancer cells. <i>Oncotarget</i> , 2014, 5, 5637-5650.	0.8	131
84	Transcriptional signature with differential expression of BCL6 target genes accurately identifies BCL6-dependent diffuse large B cell lymphomas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3207-3212.	3.3	130
85	Genetic and epigenetic heterogeneity in acute myeloid leukemia. <i>Current Opinion in Genetics and Development</i> , 2016, 36, 100-106.	1.5	130
86	A Highly Sensitive and Robust Method for Genome-wide 5hmC Profiling of Rare Cell Populations. <i>Molecular Cell</i> , 2016, 63, 711-719.	4.5	128
87	Signalling thresholds and negative B-cell selection in acute lymphoblastic leukaemia. <i>Nature</i> , 2015, 521, 357-361.	13.7	127
88	DNA methyltransferase 1 and DNA methylation patterning contribute to germinal center B-cell differentiation. <i>Blood</i> , 2011, 118, 3559-3569.	0.6	123
89	TET2 Deficiency Causes Germinal Center Hyperplasia, Impairs Plasma Cell Differentiation, and Promotes B-cell Lymphomagenesis. <i>Cancer Discovery</i> , 2018, 8, 1632-1653.	7.7	120
90	Clinical and Biological Subtypes of B-cell Lymphoma Revealed by Microenvironmental Signatures. <i>Cancer Discovery</i> , 2021, 11, 1468-1489.	7.7	119

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91	Whole-genome analysis in multiple myeloma reveals DNA hypermethylation of B cell-specific enhancers. <i>Genome Research</i> , 2015, 25, 478-487.	2.4	118
92	BCL6 programs lymphoma cells for survival and differentiation through distinct biochemical mechanisms. <i>Blood</i> , 2007, 110, 2067-2074.	0.6	117
93	Integrated genetic and epigenetic analysis of childhood acute lymphoblastic leukemia. <i>Journal of Clinical Investigation</i> , 2013, 123, 3099-3111.	3.9	115
94	Germinal center-derived lymphomas: The darkest side of humoral immunity. <i>Immunological Reviews</i> , 2019, 288, 214-239.	2.8	113
95	Multi-tiered Reorganization of the Genome during B Cell Affinity Maturation Anchored by a Germinal Center-Specific Locus Control Region. <i>Immunity</i> , 2016, 45, 497-512.	6.6	112
96	Widespread Hypomethylation Occurs Early and Synergizes with Gene Amplification during Esophageal Carcinogenesis. <i>PLoS Genetics</i> , 2011, 7, e1001356.	1.5	112
97	The Bcl6-SMRT/NCOR Cistrome Represses Inflammation to Attenuate Atherosclerosis. <i>Cell Metabolism</i> , 2012, 15, 554-562.	7.2	111
98	Lineage-specific functions of Bcl-6 in immunity and inflammation are mediated by distinct biochemical mechanisms. <i>Nature Immunology</i> , 2013, 14, 380-388.	7.0	111
99	Epigenomic evolution in diffuse large B-cell lymphomas. <i>Nature Communications</i> , 2015, 6, 6921.	5.8	111
100	Self-Enforcing Feedback Activation between BCL6 and Pre-B Cell Receptor Signaling Defines a Distinct Subtype of Acute Lymphoblastic Leukemia. <i>Cancer Cell</i> , 2015, 27, 409-425.	7.7	109
101	Promoter hypermethylation in MLL-r infant acute lymphoblastic leukemia: biology and therapeutic targeting. <i>Blood</i> , 2010, 115, 4798-4809.	0.6	108
102	BCL6 is critical for the development of a diverse primary B cell repertoire. <i>Journal of Experimental Medicine</i> , 2010, 207, 1209-1221.	4.2	108
103	Erk Negative Feedback Control Enables Pre-B Cell Transformation and Represents a Therapeutic Target in Acute Lymphoblastic Leukemia. <i>Cancer Cell</i> , 2015, 28, 114-128.	7.7	107
104	Selective Inhibition of HDAC3 Targets Synthetic Vulnerabilities and Activates Immune Surveillance in Lymphoma. <i>Cancer Discovery</i> , 2020, 10, 440-459.	7.7	103
105	Aberration in DNA Methylation in B-Cell Lymphomas Has a Complex Origin and Increases with Disease Severity. <i>PLoS Genetics</i> , 2013, 9, e1003137.	1.5	102
106	Hematopoietic Stem Cell Origin of <i>BRAF</i> V600E Mutations in Hairy Cell Leukemia. <i>Science Translational Medicine</i> , 2014, 6, 238ra71.	5.8	102
107	Histone deacetylases as therapeutic targets in hematologic malignancies. <i>Current Opinion in Hematology</i> , 2002, 9, 322-332.	1.2	101
108	Kaiso Contributes to DNA Methylation-Dependent Silencing of Tumor Suppressor Genes in Colon Cancer Cell Lines. <i>Cancer Research</i> , 2008, 68, 7258-7263.	0.4	101

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109	Epigenetic Identity in AML Depends on Disruption of Nonpromoter Regulatory Elements and Is Affected by Antagonistic Effects of Mutations in Epigenetic Modifiers. <i>Cancer Discovery</i> , 2017, 7, 868-883.	7.7	101
110	H1 histones control the epigenetic landscape by local chromatin compaction. <i>Nature</i> , 2021, 589, 293-298.	13.7	101
111	BCL6 repression of EP300 in human diffuse large B cell lymphoma cells provides a basis for rational combinatorial therapy. <i>Journal of Clinical Investigation</i> , 2010, 120, 4569-4582.	3.9	101
112	BACH2 mediates negative selection and p53-dependent tumor suppression at the pre-B cell receptor checkpoint. <i>Nature Medicine</i> , 2013, 19, 1014-1022.	15.2	100
113	Aberrant DNA hypermethylation signature in acute myeloid leukemia directed by EVI1. <i>Blood</i> , 2011, 117, 234-241.	0.6	94
114	PTEN opposes negative selection and enables oncogenic transformation of pre-B cells. <i>Nature Medicine</i> , 2016, 22, 379-387.	15.2	94
115	Combination Targeted Therapy to Disrupt Aberrant Oncogenic Signaling and Reverse Epigenetic Dysfunction in <i>IDH2</i> - and <i>TET2</i> -Mutant Acute Myeloid Leukemia. <i>Cancer Discovery</i> , 2017, 7, 494-505.	7.7	94
116	SYK inhibition and response prediction in diffuse large B-cell lymphoma. <i>Blood</i> , 2011, 118, 6342-6352.	0.6	93
117	DNA methylation profiling in human B cells reveals immune regulatory elements and epigenetic plasticity at <i>Alu</i> elements during B-cell activation. <i>Genome Research</i> , 2013, 23, 2030-2041.	2.4	93
118	Mutant EZH2 Induces a Pre-malignant Lymphoma Niche by Reprogramming the Immune Response. <i>Cancer Cell</i> , 2020, 37, 655-673.e11.	7.7	93
119	Genome-wide analysis of DNA binding and transcriptional regulation by the mammalian Doublesex homolog DMRT1 in the juvenile testis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13360-13365.	3.3	92
120	Satb1 regulates the self-renewal of hematopoietic stem cells by promoting quiescence and repressing differentiation commitment. <i>Nature Immunology</i> , 2013, 14, 437-445.	7.0	92
121	Cooperative transcriptional repression by BCL6 and BACH2 in germinal center B-cell differentiation. <i>Blood</i> , 2014, 123, 1012-1020.	0.6	89
122	Enhanced Reduced Representation Bisulfite Sequencing for Assessment of DNA Methylation at Base Pair Resolution. <i>Journal of Visualized Experiments</i> , 2015, , e52246.	0.2	89
123	Musashi2 sustains the mixed-lineage leukemia-driven stem cell regulatory program. <i>Journal of Clinical Investigation</i> , 2015, 125, 1286-1298.	3.9	89
124	DNA Methylation Dynamics of Germinal Center B Cells Are Mediated by AID. <i>Cell Reports</i> , 2015, 12, 2086-2098.	2.9	87
125	BCL6 represses CHEK1 and suppresses DNA damage pathways in normal and malignant B-cells. <i>Blood Cells, Molecules, and Diseases</i> , 2008, 41, 95-99.	0.6	84
126	The Impact of Heterogeneity on Single-Cell Sequencing. <i>Frontiers in Genetics</i> , 2019, 10, 8.	1.1	84

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127	Genome-wide epigenetic analysis delineates a biologically distinct immature acute leukemia with myeloid/T-lymphoid features. <i>Blood</i> , 2009, 113, 2795-2804.	0.6	83
128	Variability in DNA methylation defines novel epigenetic subgroups of DLBCL associated with different clinical outcomes. <i>Blood</i> , 2014, 123, 1699-1708.	0.6	83
129	Integrative Epigenomic Analysis Identifies Biomarkers and Therapeutic Targets in Adult B-Acute Lymphoblastic Leukemia. <i>Cancer Discovery</i> , 2012, 2, 1004-1023.	7.7	80
130	Emerging epigenetic-modulating therapies in lymphoma. <i>Nature Reviews Clinical Oncology</i> , 2019, 16, 494-507.	12.5	80
131	Mechanistic rationale for targeting the unfolded protein response in pre-B acute lymphoblastic leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2219-28.	3.3	78
132	PRMT4 Blocks Myeloid Differentiation by Assembling a Methyl-RUNX1-Dependent Repressor Complex. <i>Cell Reports</i> , 2013, 5, 1625-1638.	2.9	77
133	Roles for small noncoding RNAs in silencing of retrotransposons in the mammalian brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12697-12702.	3.3	77
134	An Integrative Genomic and Epigenomic Approach for the Study of Transcriptional Regulation. <i>PLoS ONE</i> , 2008, 3, e1882.	1.1	77
135	Engineering of a Histone-Recognition Domain in Dnmt3a Alters the Epigenetic Landscape and Phenotypic Features of Mouse ESCs. <i>Molecular Cell</i> , 2015, 59, 89-103.	4.5	76
136	Combinatorial targeting of nuclear export and translation of RNA inhibits aggressive B-cell lymphomas. <i>Blood</i> , 2016, 127, 858-868.	0.6	76
137	Imatinib disrupts lymphoma angiogenesis by targeting vascular pericytes. <i>Blood</i> , 2013, 121, 5192-5202.	0.6	75
138	Functional screen of MSI2 interactors identifies an essential role for SYNCRIP in myeloid leukemia stem cells. <i>Nature Genetics</i> , 2017, 49, 866-875.	9.4	75
139	CG dinucleotide clustering is a species-specific property of the genome. <i>Nucleic Acids Research</i> , 2007, 35, 6798-6807.	6.5	74
140	Transient expression of Bcl6 is sufficient for oncogenic function and induction of mature B-cell lymphoma. <i>Nature Communications</i> , 2014, 5, 3904.	5.8	73
141	DNMT3A Haploinsufficiency Transforms FLT3-ITD Myeloproliferative Disease into a Rapid, Spontaneous, and Fully Penetrant Acute Myeloid Leukemia. <i>Cancer Discovery</i> , 2016, 6, 501-515.	7.7	73
142	Long non-coding RNAs discriminate the stages and gene regulatory states of human humoral immune response. <i>Nature Communications</i> , 2019, 10, 821.	5.8	73
143	B-cell lymphoma 6 and the molecular pathogenesis of diffuse large B-cell lymphoma. <i>Current Opinion in Hematology</i> , 2008, 15, 381-390.	1.2	71
144	Cooperative Epigenetic Remodeling by TET2 Loss and NRAS Mutation Drives Myeloid Transformation and MEK Inhibitor Sensitivity. <i>Cancer Cell</i> , 2018, 33, 44-59.e8.	7.7	71

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145	Histone demethylase LSD1 is required for germinal center formation and BCL6-driven lymphomagenesis. <i>Nature Immunology</i> , 2019, 20, 86-96.	7.0	71
146	ETO protein of t(8;21) AML is a corepressor for Bcl-6 B-cell lymphoma oncoprotein. <i>Blood</i> , 2004, 103, 1454-1463.	0.6	70
147	Non-oncogene Addiction to SIRT3 Plays a Critical Role in Lymphomagenesis. <i>Cancer Cell</i> , 2019, 35, 916-931.e9.	7.7	70
148	Dynamic Incorporation of Histone H3 Variants into Chromatin Is Essential for Acquisition of Aggressive Traits and Metastatic Colonization. <i>Cancer Cell</i> , 2019, 36, 402-417.e13.	7.7	69
149	The BCL6 RD2 Domain Governs Commitment of Activated B Cells to Form Germinal Centers. <i>Cell Reports</i> , 2014, 8, 1497-1508.	2.9	67
150	Dynamic evolution of clonal epialleles revealed by methclone. <i>Genome Biology</i> , 2014, 15, 472.	3.8	67
151	Integrin-specific hydrogels as adaptable tumor organoids for malignant B and T cells. <i>Biomaterials</i> , 2015, 73, 110-119.	5.7	66
152	Corrupted coordination of epigenetic modifications leads to diverging chromatin states and transcriptional heterogeneity in CLL. <i>Nature Communications</i> , 2019, 10, 1874.	5.8	63
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