Omar Abdel-Wahab

List of Publications by Year
in descending order

267 papers	36,579 citations	3525 90 h-index	3402 183 g-index
291 all docs	291 docs citations	291 times ranked	35796 citing authors

#	Article	IF	Citations
1	Asxl1 loss cooperates with oncogenic Nras in mice to reprogram the immune microenvironment and drive leukemic transformation. Blood, 2022, 139, 1066-1079.	0.6	24
2	Improved prediction of immune checkpoint blockade efficacy across multiple cancer types. Nature Biotechnology, 2022, 40, 499-506.	9.4	110
3	Coordinated missplicing of TMEM14C and ABCB7 causes ring sideroblast formation in SF3B1-mutant myelodysplastic syndrome. Blood, 2022, 139, 2038-2049.	0.6	34
4	Sex-BiasedZRSR2Mutations in Myeloid Malignancies Impair Plasmacytoid Dendritic Cell Activation and Apoptosis. Cancer Discovery, 2022, 12, 522-541.	7.7	44
5	Mechanisms of Resistance to Noncovalent Brutonâ€™s Tyrosine Kinase Inhibitors. New England Journal of Medicine, 2022, 386, 735-743.	13.9	87
6	Translating recent advances in the pathogenesis of acute myeloid leukemia to the clinic. Genes and Development, 2022, 36, 259-277.	2.7	19
7	Synthetic introns enable splicing factor mutation-dependent targeting of cancer cells. Nature Biotechnology, 2022, 40, 1103-1113.	9.4	24
8	ARAF protein kinase activates RAS by antagonizing its binding to RASGAP NF1. Molecular Cell, 2022, 82, 2443-2457.e7.	4.5	9
9	Dysregulation and therapeutic targeting of RNA splicing in cancer. Nature Cancer, 2022, 3, 536-546.	5.7	65
10	Calreticulin mutant myeloproliferative neoplasms induce MHC-I skewing, which can be overcome by an optimized peptide cancer vaccine. Science Translational Medicine, 2022, 14, .	5.8	10
11	Somatic gene mutations expose cytoplasmic DNA to co-opt the cGAS/STING/NLRP3 axis in myelodysplastic syndromes. JCI Insight, 2022, 7, .	2.3	16
12	High frequency of clonal hematopoiesis in Erdheim-Chester disease. Blood, 2021, 137, 485-492.	0.6	30
13	U2af1 is required for survival and function of hematopoietic stem/progenitor cells. Leukemia, 2021, 35, 2382-2398.	3.3	21
14	Mutant ASXL1 induces age-related expansion of phenotypic hematopoietic stem cells through activation of Akt/mTOR pathway. Nature Communications, 2021, 12, 1826.	5.8	54
15	Clinical and molecular predictors of response and survival following venetoclax therapy in relapsed/refractory AML. Blood Advances, 2021, 5, 1552-1564.	2.5	102
16	Minor intron retention drives clonal hematopoietic disorders and diverse cancer predisposition. Nature Genetics, 2021, 53, 707-718.	9.4	61
17	Molecular classification improves risk assessment in adult BCR-ABL1â€“negative B-ALL. Blood, 2021, 138, 948-958.	0.6	59
18	Histiocytosis and the nervous system: from diagnosis to targeted therapies. Neuro-Oncology, 2021, 23, 1433-1446.	0.6	33

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19	Splicing regulation in hematopoiesis. Current Opinion in Hematology, 2021, 28, 277-283.	1.2	2
20	Targeting histone acetylation dynamics and oncogenic transcription by catalytic P300/CBP inhibition. Molecular Cell, 2021, 81, 2183-2200.e13.	4.5	59
21	AXL Inhibition in Macrophages Stimulates Host-versus-Leukemia Immunity and Eradicates NaÃ¯ve and Treatment-Resistant Leukemia. Cancer Discovery, 2021, 11, 2924-2943.	7.7	20
22	Splicing factor mutations in hematologic malignancies. Blood, 2021, 138, 599-612.	0.6	40
23	Pharmacologic modulation of RNA splicing enhances anti-tumor immunity. Cell, 2021, 184, 4032-4047.e31.	13.5	131
24	Histiocytosis. Lancet, The, 2021, 398, 157-170.	6.3	58
25	Therapeutic Modulation of RNA Splicing in Malignant and Non-Malignant Disease. Trends in Molecular Medicine, 2021, 27, 643-659.	3.5	36
26	Promoting spliceosome assembly for therapeutic intent. Trends in Pharmacological Sciences, 2021, 42, 981-983.	4.0	3
27	ASXL1 mutations are associated with distinct epigenomic alterations that lead to sensitivity to venetoclax and azacytidine. Blood Cancer Journal, 2021, 11, 157.	2.8	27
28	mRNA Export as a Novel Cancer-Specific Dependency. Cancer Discovery, 2021, 11, 2129-2131.	7.7	0
29	Musashi 2 influences chronic lymphocytic leukemia cell survival and growth making it a potential therapeutic target. Leukemia, 2021, 35, 1037-1052.	3.3	19
30	Mutant SF3B1 promotes AKT- and NF-ÎºBâ€“driven mammary tumorigenesis. Journal of Clinical Investigation, 2021, 131, .	3.9	22
31	MAP-Kinase-Driven Hematopoietic Neoplasms: A Decade of Progress in the Molecular Age. Cold Spring Harbor Perspectives in Medicine, 2021, 11, a034892.	2.9	17
32	Structural basis of cytokine-mediated activation of ALK family receptors. Nature, 2021, 600, 143-147.	13.7	20
33	Splicing-Mediated Antigen Escape from Immunotherapy for B-cell Malignancies. Blood Cancer Discovery, 2021, , .	2.6	4
34	SRSF2-P95Hdelays Myelofibrosis Development through Altered JAK/STAT Signaling in JAK2-V617F Megakaryocytes. Blood, 2021, 138, 2544-2544.	0.6	1
35	Zanubrutinib, Obinutuzumab, and Venetoclax in Chronic Lymphocytic Leukemia: Early MRD Kinetics Define a High-Risk Patient Cohort with Delayed Bone Marrow Undetectable MRD and Earlier Post-Treatment MRD Recurrence. Blood, 2021, 138, 3753-3753.	0.6	1
36	High Throughput Single-Cell Simultaneous Genotyping and Chromatin Accessibility Reveals Genotype to Phenotype Relationship in Human Myeloproliferation. Blood, 2021, 138, 678-678.	0.6	1

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37	Single-Cell Multi-Omics Defines the Cell-Type Specific Impact of SF3B1 Splicing Factor Mutations on Hematopoietic Differentiation in Human Clonal Hematopoiesis and Myelodysplastic Syndromes. Blood, 2021, 138, 145-145.	0.6	3
38	First Line Chemo-Free Therapy with the BRAF Inhibitor Vemurafenib Combined with Obinutuzumab Is Effective in Patients with Hcl. Blood, 2021, 138, 43-43.	0.6	2
39	Modulation of RNA Splicing Enhances Response to BCL2 Inhibition in Acute Myeloid Leukemia. Blood, 2021, 138, 507-507.	0.6	5
40	Impaired RAS Proteolysis Drives Clonal Hematopoietic Transformation. Blood, 2021, 138, 356-356.	0.6	0
41	Erdheim-Chester disease with concomitant Rosai-Dorfman like lesions: a distinct entity mainly driven by MAP2K1. Haematologica, 2020, 105, e5-e8.	1.7	34
42	Hairy Cell Leukemia. , 2020, , 1872-1883.e5.		0
43	SnapShot: Splicing Alterations in Cancer. Cell, 2020, 180, 208-208.e1.	13.5	58
44	Safety and activity of selinexor in patients with myelodysplastic syndromes or oligoblastic acute myeloid leukaemia refractory to hypomethylating agents: a single-centre, single-arm, phase 2 trial. Lancet Haematology,the, 2020, 7, e566-e574.	2.2	13
45	Oncogenic splicing regulated by phase separation. Nature Cell Biology, 2020, 22, 916-918.	4.6	1
46	Rare and private spliceosomal gene mutations drive partial, complete, and dual phenocopies of hotspot alterations. Blood, 2020, 135, 1032-1043.	0.6	11
47	Altered RNA Splicing by Mutant p53 Activates Oncogenic RAS Signaling in Pancreatic Cancer. Cancer Cell, 2020, 38, 198-211.e8.	7.7	99
48	ABCA1 Exerts Tumor-Suppressor Function in Myeloproliferative Neoplasms. Cell Reports, 2020, 30, 3397-3410.e5.	2.9	18
49	DNA methylation disruption reshapes the hematopoietic differentiation landscape. Nature Genetics, 2020, 52, 378-387.	9.4	154
50	Leveraging Systematic Functional Analysis to Benchmark an In Silico Framework Distinguishes Driver from Passenger MEK Mutants in Cancer. Cancer Research, 2020, 80, 4233-4243.	0.4	18
51	Single-cell genomics reveals the genetic and molecular bases for escape from mutational epistasis in myeloid neoplasms. Blood, 2020, 136, 1477-1486.	0.6	43
52	Genetic basis for iMCD-TAFRO. Oncogene, 2020, 39, 3218-3225.	2.6	14
53	Neurologic and oncologic features of Erdheimâ€“Chester disease: a 30-patient series. Neuro-Oncology, 2020, 22, 979-992.	0.6	31
54	Recurrent SRSF2 mutations in MDS affect both splicing and NMD. Genes and Development, 2020, 34, 413-427.	2.7	44

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55	ZBTB1 Regulates Asparagine Synthesis and Leukemia Cell Response to L-Asparaginase. Cell Metabolism, 2020, 31, 852-861.e6.	7.2	40
56	Dual BRAF/MEK blockade restores CNS responses in BRAF-mutant Erdheimâ€“Chester disease patients following BRAF inhibitor monotherapy. Neuro-Oncology Advances, 2020, 2, vdaa024.	0.4	7
57	Mutations in the RNA Splicing Factor SF3B1 Promote Tumorigenesis through MYC Stabilization. Cancer Discovery, 2020, 10, 806-821.	7.7	73
58	The Effect of SF3B1 Mutation on the DNA Damage Response and Nonsense-Mediated mRNA Decay in Cancer. Frontiers in Oncology, 2020, 10, 609409.	1.3	15
59	Menin inhibitor MI-3454 induces remission in MLL1-rearranged and NPM1-mutated models of leukemia. Journal of Clinical Investigation, 2020, 130, 981-997.	3.9	146
60	Germ cell tumors and associated hematologic malignancies evolve from a common shared precursor. Journal of Clinical Investigation, 2020, 130, 6668-6676.	3.9	28
61	Male-Biased Spliceosome Mutations in Blastic Plasmacytoid Dendritic Cell Neoplasm (BPDCN) Impair pDC Activation and Apoptosis. Blood, 2020, 136, 13-14.	0.6	1
62	Venetoclax Therapy for Relapsed and Treatment Refractory AML: Clinical Outcomes and Molecular Predictors. Blood, 2020, 136, 47-48.	0.6	1
63	ZRSR2 Mutation Induced Minor Intron Retention Drives MDS and Diverse Cancer Predisposition Via Aberrant Splicing of LZTR1. Blood, 2020, 136, 10-11.	0.6	1
64	Clonal diversity predicts adverse outcome in chronic lymphocytic leukemia. Leukemia, 2019, 33, 390-402.	3.3	44
65	Therapeutic Targeting of RNA Splicing Catalysis through Inhibition of Protein Arginine Methylation. Cancer Cell, 2019, 36, 194-209.e9.	7.7	184
66	Altered Nuclear Export Signal Recognition as a Driver of Oncogenesis. Cancer Discovery, 2019, 9, 1452-1467.	7.7	60
67	Somatic mutations and cell identity linked by Genotyping of Transcriptomes. Nature, 2019, 571, 355-360.	13.7	206
68	Altered RNA Processing in Cancer Pathogenesis and Therapy. Cancer Discovery, 2019, 9, 1493-1510.	7.7	106
69	Muscarinic acetylcholine receptor regulates self-renewal of early erythroid progenitors. Science Translational Medicine, 2019, 11, .	5.8	12
70	Rational Targeting of Cooperating Layers of the Epigenome Yields Enhanced Therapeutic Efficacy against AML. Cancer Discovery, 2019, 9, 872-889.	7.7	36
71	Corrupted coordination of epigenetic modifications leads to diverging chromatin states and transcriptional heterogeneity in CLL. Nature Communications, 2019, 10, 1874.	5.8	63
72	Molecular Profiling of Tumor Tissue and Plasma Cell-Free DNA from Patients with Non-Langerhans Cell Histiocytosis. Molecular Cancer Therapeutics, 2019, 18, 1149-1157.	1.9	26

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73	Efficacy of MEK inhibition in patients with histiocytic neoplasms. Nature, 2019, 567, 521-524.	13.7	222
74	Targeting an RNA-Binding Protein Network in Acute Myeloid Leukemia. Cancer Cell, 2019, 35, 369-384.e7.	7.7	238
75	BRAF in the cross-hairs. Expert Review of Hematology, 2019, 12, 183-193.	1.0	0
76	A scale for patient-reported symptom assessment for patients with Erdheim-Chester disease. Blood Advances, 2019, 3, 934-938.	2.5	17
77	Activating mutations in CSF1R and additional receptor tyrosine kinases in histiocytic neoplasms. Nature Medicine, 2019, 25, 1839-1842.	15.2	122
78	PTEN isoforms with dual and opposing function. Nature Cell Biology, 2019, 21, 1306-1308.	4.6	6
79	Coordinated alterations in RNA splicing and epigenetic regulation drive leukaemogenesis. Nature, 2019, 574, 273-277.	13.7	149
80	Spliceosomal disruption of the non-canonical BAF complex in cancer. Nature, 2019, 574, 432-436.	13.7	163
81	Extramedullary acute myeloid leukemia presenting in young adults demonstrates sensitivity to high-dose anthracycline: a subset analysis from ECOG-ACRIN 1900. Haematologica, 2019, 104, e147-e150.	1.7	4
82	Aberrant RNA Splicing in Cancer. Annual Review of Cancer Biology, 2019, 3, 167-185.	2.3	73
83	First Line Chemo-Free Therapy with the BRAF Inhibitor Vemurafenib Combined with Obinutuzumab Is Effective in Patients with Hcl. Blood, 2019, 134, 3998-3998.	0.6	8
84	Spliceosomal Disruption of the Non-Canonical SWI/SNF Chromatin Remodeling Complex in SF3B1 Mutant Leukemias. Blood, 2019, 134, 637-637.	0.6	1
85	Aberrant RNA Splicing Contributes to the Pathogenesis of EVI-Rearranged Myeloid Leukemias. Blood, 2019, 134, 917-917.	0.6	0
86	Single-agent dabrafenib for BRAF ^{V600E} -mutated histiocytosis. Haematologica, 2018, 103, e177-e180.	1.7	40
87	Allele-Specific Mechanisms of Activation of MEK1 Mutants Determine Their Properties. Cancer Discovery, 2018, 8, 648-661.	7.7	97
88	Dissecting the Contributions of Cooperating Gene Mutations to Cancer Phenotypes and Drug Responses with Patient-Derived iPSCs. Stem Cell Reports, 2018, 10, 1610-1624.	2.3	43
89	Expression of mutant Asxl1 perturbs hematopoiesis and promotes susceptibility to leukemic transformation. Journal of Experimental Medicine, 2018, 215, 1729-1747.	4.2	113
90	H3B-8800, an orally available small-molecule splicing modulator, induces lethality in spliceosome-mutant cancers. Nature Medicine, 2018, 24, 497-504.	15.2	391

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91	The Augmented R-Loop Is a Unifying Mechanism for Myelodysplastic Syndromes Induced by High-Risk Splicing Factor Mutations. Molecular Cell, 2018, 69, 412-425.e6.	4.5	203
92	Editorial overview: Cancer genomics: RNA metabolism and translation in cancer pathogenesis and therapy. Current Opinion in Genetics and Development, 2018, 48, iv-vi.	1.5	4
93	Targeting mRNA Decapping in AML. Cancer Cell, 2018, 33, 339-341.	7.7	3
94	Novel activating BRAF fusion identifies a recurrent alternative mechanism for ERK activation in pediatric Langerhans cell histiocytosis. Pediatric Blood and Cancer, 2018, 65, e26699.	0.8	16
95	Vemurafenib for BRAF V600â€“Mutant Erdheim-Chester Disease and Langerhans Cell Histiocytosis. JAMA Oncology, 2018, 4, 384.	3.4	280
96	The histopathology of Erdheimâ€“Chester disease: a comprehensive review of a molecularly characterized cohort. Modern Pathology, 2018, 31, 581-597.	2.9	102
97	Activating p53 and Inhibiting Superenhancers to Cure Leukemia. Trends in Pharmacological Sciences, 2018, 39, 1002-1004.	4.0	5
98	ProteomeGenerator: A Framework for Comprehensive Proteomics Based on de Novo Transcriptome Assembly and High-Accuracy Peptide Mass Spectral Matching. Journal of Proteome Research, 2018, 17, 3681-3692.	1.8	24
99	A Novel Germline Variant in CSF3R Reduces N-Glycosylation and Exerts Potent Oncogenic Effects in Leukemia. Cancer Research, 2018, 78, 6762-6770.	0.4	17
100	Impaired hematopoiesis and leukemia development in mice with a conditional knock-in allele of a mutant splicing factor gene U2af1. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10437-E10446.	3.3	59
101	KMT2C mediates the estrogen dependence of breast cancer through regulation of ERÎ± enhancer function. Oncogene, 2018, 37, 4692-4710.	2.6	102
102	Stem Cell Model of Hematologic Diseases. , 2018, , 111-118.		0
103	Synthetic Lethal and Convergent Biological Effects of Cancer-Associated Spliceosomal Gene Mutations. Cancer Cell, 2018, 34, 225-241.e8.	7.7	162
104	Cancer-Specific Splicing Changes and the Potential for Splicing-Derived Neoantigens. Cancer Cell, 2018, 34, 181-183.	7.7	38
105	Widespread intronic polyadenylation inactivates tumour suppressor genes in leukaemia. Nature, 2018, 561, 127-131.	13.7	172
106	Oncogenic TRK fusions are amenable to inhibition in hematologic malignancies. Journal of Clinical Investigation, 2018, 128, 3819-3825.	3.9	45
107	Histiocytoses: emerging neoplasia behind inflammation. Lancet Oncology, The, 2017, 18, e113-e125.	5.1	154
108	Splicing factor mutations in MDS RARS and MDS/MPN-RS-T. International Journal of Hematology, 2017, 105, 720-731.	0.7	16

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109	ASXL2 is essential for haematopoiesis and acts as a haploinsufficient tumour suppressor in leukemia. Nature Communications, 2017, 8, 15429.	5.8	55
110	Hematopoietic origin of Langerhans cell histiocytosis and Erdheim-Chester disease in adults. Blood, 2017, 130, 167-175.	0.6	136
111	Robust patient-derived xenografts of MDS/MPN overlap syndromes capture the unique characteristics of CMML and JMML. Blood, 2017, 130, 397-407.	0.6	112
112	Identification and Targeting of Kinase Alterations in Histiocytic Neoplasms. Hematology/Oncology Clinics of North America, 2017, 31, 705-719.	0.9	20
113	Functional evidence for derivation of systemic histiocytic neoplasms from hematopoietic stem/progenitor cells. Blood, 2017, 130, 176-180.	0.6	98
114	Diagnosis and classification of hematologic malignancies on the basis of genetics. Blood, 2017, 130, 410-423.	0.6	163
115	How do messenger RNA splicing alterations drive myelodysplasia?. Blood, 2017, 129, 2465-2470.	0.6	28
116	Consensus guidelines for the diagnosis and management of patients with classic hairy cell leukemia. Blood, 2017, 129, 553-560.	0.6	193
117	Molecular Pathways: Understanding and Targeting Mutant Spliceosomal Proteins. Clinical Cancer Research, 2017, 23, 336-341.	3.2	28
118	A somatic mutation in erythro-myeloid progenitors causes neurodegenerative disease. Nature, 2017, 549, 389-393.	13.7	144
119	Modeling CBL activating mutations in vivo. Blood, 2017, 129, 2046-2048.	0.6	0
120	Therapeutic targeting of RNA splicing in myelodysplasia. Seminars in Hematology, 2017, 54, 167-173.	1.8	9
121	Restoration of TET2 Function Blocks Aberrant Self-Renewal and Leukemia Progression. Cell, 2017, 170, 1079-1095.e20.	13.5	522
122	Genomic analysis of hairy cell leukemia identifies novel recurrent genetic alterations. Blood, 2017, 130, 1644-1648.	0.6	82
123	High prevalence of myeloid neoplasms in adults with nonâ€“Langerhans cell histiocytosis. Blood, 2017, 130, 1007-1013.	0.6	98
124	The clinical spectrum of Erdheim-Chester disease: an observational cohort study. Blood Advances, 2017, 1, 357-366.	2.5	163
125	Splicing factor SF3B1K700E mutant dysregulates erythroid differentiation via aberrant alternative splicing of transcription factor TAL1. PLoS ONE, 2017, 12, e0175523.	1.1	24
126	Integrated Molecular Analysis Identifies Replicative Stress As Sensitizer to Imetelstat Therapy in AML. Blood, 2017, 130, 798-798.	0.6	2

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127	Partial loss of genes might open therapeutic window. ELife, 2017, 6, .	2.8	2
128	Oncogenic Mutations in XPO1 Promote Lymphoid Transformation By Altering Nuclear/Cytoplasmic Localization of NFÎºB Signaling Intermediates. Blood, 2017, 130, 879-879.	0.6	0
129	Characterization of Ntrk fusions and Therapeutic Response to Ntrk Inhibition in Hematologic Malignancies. Blood, 2017, 130, 794-794.	0.6	0
130	Histiocytic neoplasms in the era of personalized genomic medicine. Current Opinion in Hematology, 2016, 23, 416-425.	1.2	37
131	MSI2 is required for maintaining activated myelodysplastic syndrome stem cells. Nature Communications, 2016, 7, 10739.	5.8	27
132	Modulation of splicing catalysis for therapeutic targeting of leukemia with mutations in genes encoding spliceosomal proteins. Nature Medicine, 2016, 22, 672-678.	15.2	301
133	Spliceosomal gene mutations in myelodysplasia: molecular links to clonal abnormalities of hematopoiesis. Genes and Development, 2016, 30, 989-1001.	2.7	95
134	Benefit of high-dose daunorubicin in AML induction extends across cytogenetic and molecular groups. Blood, 2016, 127, 1551-1558.	0.6	105
135	Integrated genomic DNA/RNA profiling of hematologic malignancies in the clinical setting. Blood, 2016, 127, 3004-3014.	0.6	244
136	Comprehensive mutational profiling of core binding factor acute myeloid leukemia. Blood, 2016, 127, 2451-2459.	0.6	198
137	Revised classification of histiocytoses and neoplasms of the macrophage-dendritic cell lineages. Blood, 2016, 127, 2672-2681.	0.6	1,040
138	Modeling SF3B1 Mutations in Cancer: Advances, Challenges, and Opportunities. Cancer Cell, 2016, 30, 371-373.	7.7	24
139	Therapeutic targeting of splicing in cancer. Nature Medicine, 2016, 22, 976-986.	15.2	484
140	Genetic drivers of vulnerability and resistance in relapsed acute lymphoblastic leukemia. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11071-11073.	3.3	9
141	Emerging concepts of epigenetic dysregulation in hematological malignancies. Nature Immunology, 2016, 17, 1016-1024.	7.0	77
142	Treatment outcomes and secondary cancer incidence in young patients with hairy cell leukaemia. British Journal of Haematology, 2016, 175, 402-409.	1.2	26
143	EZH2 and BCL6 Cooperate to Assemble CBX8-BCOR Complex to Repress Bivalent Promoters, Mediate Germinal Center Formation and Lymphomagenesis. Cancer Cell, 2016, 30, 197-213.	7.7	200
144	Loss of Asxl1 Alters Self-Renewal and Cell Fate of Bone Marrow Stromal Cells, Leading to Bohring-Opitz-like Syndrome in Mice. Stem Cell Reports, 2016, 6, 914-925.	2.3	18

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145	The Role of Additional Sex Combs-Like Proteins in Cancer. Cold Spring Harbor Perspectives in Medicine, 2016, 6, a026526.	2.9	48
146	Anakinra as efficacious therapy for 2 cases of intracranial Erdheim-Chester disease. Blood, 2016, 128, 1896-1898.	0.6	24
147	Diffuse reduction of cerebral grey matter volumes in Erdheim-Chester disease. Orphanet Journal of Rare Diseases, 2016, 11, 109.	1.2	19
148	DNMT3A mutations promote anthracycline resistance in acute myeloid leukemia via impaired nucleosome remodeling. Nature Medicine, 2016, 22, 1488-1495.	15.2	195
149	ASXL1 plays an important role in erythropoiesis. Scientific Reports, 2016, 6, 28789.	1.6	38
150	Reply to "Uveal melanoma cells are resistant to EZH2 inhibition regardless of BAP1 status". Nature Medicine, 2016, 22, 578-579.	15.2	7
151	RNA splicing factors as oncoproteins and tumour suppressors. Nature Reviews Cancer, 2016, 16, 413-430.	12.8	549
152	Epigenetic Perturbations by Arg882-Mutated DNMT3A Potentiate Aberrant Stem Cell Gene-Expression Program and Acute Leukemia Development. Cancer Cell, 2016, 30, 92-107.	7.7	130
153	Contemporary insights into the pathogenesis and treatment of chronic myeloproliferative neoplasms. Leukemia and Lymphoma, 2016, 57, 1517-1526.	0.6	4
154	Diverse and Targetable Kinase Alterations Drive Histiocytic Neoplasms. Cancer Discovery, 2016, 6, 154-165.	7.7	372
155	UnlikeASXL1andASXL2mutations,ASXL3mutations are rare events in acute myeloid leukemia with t(8;21). Leukemia and Lymphoma, 2016, 57, 199-200.	0.6	19
156	Vemurafenib in Patients with Erdheim-Chester Disease (ECD) and Langerhans Cell Histiocytosis (LCH) Harboring BRAFV600 Mutations: A Cohort of the Histology-Independent VE-Basket Study. Blood, 2016, 128, 480-480.	0.6	5
157	Synthetic Lethal Interactions of MDS-Associated Spliceosomal Gene Mutations Identifies the Basis for Their Mutual Exclusivity. Blood, 2016, 128, 961-961.	0.6	6
158	Isogenic iPSC Models of SRSF2-Mutant Myelodysplastic Syndrome Capture Disease Phenotypes, Splicing Defects and Drug Responses. Blood, 2016, 128, 962-962.	0.6	2
159	H3B-8800, an Orally Bioavailable Modulator of the SF3b Complex, Shows Efficacy in Spliceosome-Mutant Myeloid Malignancies. Blood, 2016, 128, 966-966.	0.6	27
160	Quantification of tumor-derived cell free DNA(cfDNA) by digital PCR (DigPCR) in cerebrospinal fluid of patients with BRAFV600 mutated malignancies. Oncotarget, 2016, 7, 85430-85436.	0.8	60
161	Melanoma and nonâ€melanoma skin cancers in hairy cell leukaemia: a Surveillance, Epidemiology and End Results population analysis and the 30â€year experience at Memorial Sloan Kettering Cancer Center. British Journal of Haematology, 2015, 171, 84-90.	1.2	14
162	Hairy cell leukemia. Current Opinion in Hematology, 2015, 22, 355-361.	1.2	7

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163	Cross-talk between PRMT1-mediated methylation and ubiquitylation on RBM15 controls RNA splicing. ELife, 2015, 4, .	2.8	125
164	Targeting megakaryocytic-induced fibrosis in myeloproliferative neoplasms by AURKA inhibition. Nature Medicine, 2015, 21, 1473-1480.	15.2	128
165	JAKâ€“STAT Pathway Activation in Malignant and Nonmalignant Cells Contributes to MPN Pathogenesis and Therapeutic Response. Cancer Discovery, 2015, 5, 316-331.	7.7	252
166	Metabolic Rewiring by Oncogenic BRAF V600E Links Ketogenesis Pathway to BRAF-MEK1 Signaling. Molecular Cell, 2015, 59, 345-358.	4.5	125
167	SRSF2 Mutations Contribute to Myelodysplasia by Mutant-Specific Effects on Exon Recognition. Cancer Cell, 2015, 27, 617-630.	7.7	449
168	Loss of BAP1 function leads to EZH2-dependent transformation. Nature Medicine, 2015, 21, 1344-1349.	15.2	297
169	Targeting Mutant BRAF in Relapsed or Refractory Hairy-Cell Leukemia. New England Journal of Medicine, 2015, 373, 1733-1747.	13.9	281
170	BET inhibitor resistance emerges from leukaemia stem cells. Nature, 2015, 525, 538-542.	13.7	441
171	BRAF Mutants Evade ERK-Dependent Feedback by Different Mechanisms that Determine Their Sensitivity to Pharmacologic Inhibition. Cancer Cell, 2015, 28, 370-383.	7.7	392
172	Prospective Blinded Study of BRAFV600E Mutation Detection in Cell-Free DNA of Patients with Systemic Histiocytic Disorders. Cancer Discovery, 2015, 5, 64-71.	7.7	115
173	Novel insights into the biology and treatment of chronic myeloproliferative neoplasms. Leukemia and Lymphoma, 2015, 56, 1938-1948.	0.6	6
174	Specific molecular signatures predict decitabine response in chronic myelomonocytic leukemia. Journal of Clinical Investigation, 2015, 125, 1857-1872.	3.9	151
175	Collaborating constitutive and somatic genetic events in myeloid malignancies: ASXL1 mutations in patients with germline GATA2 mutations. Haematologica, 2014, 99, 201-203.	1.7	39
176	Emerging therapeutic paradigms to target the dysregulated Janus kinase/signal transducer and activator of transcription pathway in hematological malignancies. Leukemia and Lymphoma, 2014, 55, 1968-1979.	0.6	23
177	Genomic and functional analysis of leukemic transformation of myeloproliferative neoplasms. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5401-10.	3.3	238
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