

# Age-Related Clonal Hematopoiesis Associated with Adv

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Acute myeloid leukaemia. <i>Hematology</i> , 2014, 19, 493-494.	0.7	2
2	Clone Wars – The Emergence of Neoplastic Blood-Cell Clones with Aging. <i>New England Journal of Medicine</i> , 2014, 371, 2523-2525.	13.9	19
3	The shadowlands of MDS: idiopathic cytopenias of undetermined significance (ICUS) and clonal hematopoiesis of indeterminate potential (CHIP). <i>Hematology American Society of Hematology Education Program</i> , 2015, 2015, 299-307.	0.9	72
4	Nine years without a new FDA-approved therapy for MDS: how can we break through the impasse?. <i>Hematology American Society of Hematology Education Program</i> , 2015, 2015, 308-316.	0.9	16
5	Genomic patterns associated with hypoplastic compared to hyperplastic myelodysplastic syndromes. <i>Haematologica</i> , 2015, 100, e434-e437.	1.7	27
6	Game of clones: the genomic evolution of severe congenital neutropenia. <i>Hematology American Society of Hematology Education Program</i> , 2015, 2015, 1-7.	0.9	44
7	Diagnosis and treatment of sideroblastic anemias: from defective heme synthesis to abnormal RNA splicing. <i>Hematology American Society of Hematology Education Program</i> , 2015, 2015, 19-25.	0.9	32
8	Reclassifying myelodysplastic syndromes: what's where in the new WHO and why. <i>Hematology American Society of Hematology Education Program</i> , 2015, 2015, 294-298.	0.9	34
9	Concise Review: Induced Pluripotent Stem Cells as New Model Systems in Oncology. <i>Stem Cells</i> , 2015, 33, 2887-2892.	1.4	8
10	DNMT3A mutations occur early or late in patients with myeloproliferative neoplasms and mutation order influences phenotype. <i>Haematologica</i> , 2015, 100, e438-e442.	1.7	105
13	Genomic analysis of germ line and somatic variants in familial myelodysplasia/acute myeloid leukemia. <i>Blood</i> , 2015, 126, 2484-2490.	0.6	207
14	Acute myeloid leukemia ontogeny is defined by distinct somatic mutations. <i>Blood</i> , 2015, 125, 1367-1376.	0.6	747
15	What came first: MDS or AML?. <i>Blood</i> , 2015, 125, 1357-1358.	0.6	5
16	Genomic and epigenomic heterogeneity in chronic lymphocytic leukemia. <i>Blood</i> , 2015, 126, 445-453.	0.6	126
17	Ezh2 loss in hematopoietic stem cells predisposes mice to develop heterogeneous malignancies in an Ezh1-dependent manner. <i>Blood</i> , 2015, 126, 1172-1183.	0.6	117
18	Clinical and molecular response to interferon- $\gamma$ therapy in essential thrombocythemia patients with CALR mutations. <i>Blood</i> , 2015, 126, 2585-2591.	0.6	127
19	Targeted sequencing identifies patients with preclinical MDS at high risk of disease progression. <i>Blood</i> , 2015, 126, 2362-2365.	0.6	157
20	MDS-associated somatic mutations and clonal hematopoiesis are common in idiopathic cytopenias of undetermined significance. <i>Blood</i> , 2015, 126, 2355-2361.	0.6	280

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21	Cytopenias + mutations âˆ’ dysplasia = what?. Blood, 2015, 126, 2349-2351.	0.6	21
22	Somatic mutations in leukocytes infiltrating primary breast cancers. Npj Breast Cancer, 2015, 1, 15005.	2.3	30
23	Premalignant cell dynamics in indolent B-cell malignancies. Current Opinion in Hematology, 2015, 22, 388-396.	1.2	13
24	The genomic landscape of myeloid neoplasms with myelodysplasia and its clinical implications. Current Opinion in Oncology, 2015, 27, 551-559.	1.1	8
25	Transfer RNA detection by small RNA deep sequencing and disease association with myelodysplastic syndromes. BMC Genomics, 2015, 16, 727.	1.2	42
26	Personalized medicine in myelodysplastic syndromes: wishful thinking or already clinical reality?. Haematologica, 2015, 100, 568-571.	1.7	3
27	Myelodysplastic Syndromes, Version 2.2015. Journal of the National Comprehensive Cancer Network: JNCCN, 2015, 13, 261-272.	2.3	40
28	Synergistic Interactions of Molecular and Clinical Advances for Characterizing the Myelodysplastic Syndromes. Journal of the National Comprehensive Cancer Network: JNCCN, 2015, 13, 829-832.	2.3	4
29	Epigenetic therapy of myelodysplastic syndromes and acute myeloid leukemia. Current Opinion in Oncology, 2015, 27, 532-539.	1.1	19
30	New data shed light on Yâ€lossâ€related pathogenesis in myelodysplastic syndromes. Genes Chromosomes and Cancer, 2015, 54, 717-724.	1.5	42
31	Myelodysplastic syndromes: 2015 Update on diagnosis, riskâ€stratification and management. American Journal of Hematology, 2015, 90, 831-841.	2.0	101
32	Clonal Evolution Models of Tumor Heterogeneity. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2015, , e662-e665.	1.8	28
33	Gene Mutations in Acute Myeloid Leukemia â€” Incidence, Prognostic Influence, and Association with Other Molecular Markers. , 0, , .		2
34	REFRACTORY THROMBOCYTOPENIA AND NEUTROPENIA: A DIAGNOSTIC CHALLENGE. Mediterranean Journal of Hematology and Infectious Diseases, 2015, 7, e2015018.	0.5	7
36	Inflammation as a Driver of Clonal Evolution in Myeloproliferative Neoplasm. Mediators of Inflammation, 2015, 2015, 1-6.	1.4	36
37	Leukemia-Associated Somatic Mutations Drive Distinct Patterns of Age-Related Clonal Hemopoiesis. Cell Reports, 2015, 10, 1239-1245.	2.9	443
38	High burden and pervasive positive selection of somatic mutations in normal human skin. Science, 2015, 348, 880-886.	6.0	1,431
39	Loss of Dnmt3a and endogenous KrasG12D/+ cooperate to regulate hematopoietic stem and progenitor cell functions in leukemogenesis. Leukemia, 2015, 29, 1847-1856.	3.3	38

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40	Epigenetic Control of Stem Cell Potential during Homeostasis, Aging, and Disease. <i>Cell Stem Cell</i> , 2015, 16, 613-625.	5.2	144
41	Post-zygotic Point Mutations Are an Underrecognized Source of De Novo Genomic Variation. <i>American Journal of Human Genetics</i> , 2015, 97, 67-74.	2.6	215
42	Next-Generation Sequencing-Based Panel Testing for Myeloid Neoplasms. <i>Current Hematologic Malignancy Reports</i> , 2015, 10, 104-111.	1.2	35
43	Aging-Induced Stem Cell Mutations as Drivers for Disease and Cancer. <i>Cell Stem Cell</i> , 2015, 16, 601-612.	5.2	149
44	The Biology of Aging and Lymphoma: a Complex Interplay. <i>Current Oncology Reports</i> , 2015, 17, 32.	1.8	26
45	Minimal Residual Disease in Acute Myeloid Leukemia—Current Status and Future Perspectives. <i>Current Hematologic Malignancy Reports</i> , 2015, 10, 132-144.	1.2	31
46	Low frequency of mutations in Chinese with acute myeloid leukemia: Different disease or different aetiology?. <i>Leukemia Research</i> , 2015, 39, 646-648.	0.4	7
47	Stem cells and healthy aging. <i>Science</i> , 2015, 350, 1199-1204.	6.0	268
48	Mitochondrial dysfunction and longevity in animals: Untangling the knot. <i>Science</i> , 2015, 350, 1204-1207.	6.0	213
49	Leukemogenic Activity of Cohesin Rings True. <i>Cell Stem Cell</i> , 2015, 17, 642-644.	5.2	6
50	Aging, clonal hematopoiesis and preleukemia: not just bad luck?. <i>International Journal of Hematology</i> , 2015, 102, 513-522.	0.7	27
51	Modeling Normal and Disordered Human Hematopoiesis. <i>Trends in Cancer</i> , 2015, 1, 199-210.	3.8	10
52	The inflammatory microenvironment in MDS. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 1959-1966.	2.4	56
53	Multistep tumorigenesis in peripheral T cell lymphoma. <i>International Journal of Hematology</i> , 2015, 102, 523-527.	0.7	31
54	DNMT3A in haematological malignancies. <i>Nature Reviews Cancer</i> , 2015, 15, 152-165.	12.8	379
55	Do Mutational Dynamics in Stem Cells Explain the Origin of Common Cancers?. <i>Cell Stem Cell</i> , 2015, 16, 111-112.	5.2	7
56	Detection of leukemia-associated mutations in peripheral blood DNA of hematologically normal elderly individuals. <i>Leukemia</i> , 2015, 29, 1600-1602.	3.3	16
57	Emergence of clonal hematopoiesis in the majority of patients with acquired aplastic anemia. <i>Cancer Genetics</i> , 2015, 208, 115-128.	0.2	102

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58	Is There a Role for Flow Cytometry in the Evaluation of Patients With Myelodysplastic Syndromes?. Current Hematologic Malignancy Reports, 2015, 10, 309-317.	1.2	9
59	Myelodysplastic Syndromes Diagnosis: What Is the Role of Molecular Testing?. Current Hematologic Malignancy Reports, 2015, 10, 282-291.	1.2	35
60	Functional abnormalities and changes in gene expression in fibroblasts and macrophages from the bone marrow of patients with acute myeloid leukemia. International Journal of Hematology, 2015, 102, 278-288.	0.7	5
61	Molecular Testing in Myelodysplastic Syndromes for the Practicing Oncologist: Will the Progress Fulfill the Promise?. Oncologist, 2015, 20, 1069-1076.	1.9	20
62	Epigenetic aberrations in acute myeloid leukemia: Early key events during leukemogenesis. Experimental Hematology, 2015, 43, 609-624.	0.2	47
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65	Toward an evolutionary model of cancer: Considering the mechanisms that govern the fate of somatic mutations. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8914-8921.	3.3	96
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69	Somatic Mutations and Clonal Hematopoiesis in Aplastic Anemia. New England Journal of Medicine, 2015, 373, 35-47.	13.9	508
70	New therapeutic approaches in myelodysplastic syndromes: Hypomethylating agents and lenalidomide. Experimental Hematology, 2015, 43, 661-672.	0.2	7
71	Myelodysplastic Syndromes. Mayo Clinic Proceedings, 2015, 90, 969-983.	1.4	78
72	Wnt activity and basal niche position sensitize intestinal stem and progenitor cells to <sc>DNA</sc> damage. EMBO Journal, 2015, 34, 624-640.	3.5	82
73	Biology and Clinical Relevance of Acute Myeloid Leukemia Stem Cells. Seminars in Hematology, 2015, 52, 150-164.	1.8	55
74	Advancing the Minimal Residual Disease Concept in Acute Myeloid Leukemia. Seminars in Hematology, 2015, 52, 184-192.	1.8	32
75	Somatic mosaicism: implications for disease and transmission genetics. Trends in Genetics, 2015, 31, 382-392.	2.9	234
76	Clinical management of patients with <i>ASXL1</i> mutations and Bohring&Ouml;“Opitz syndrome, emphasizing the need for Wilms tumor surveillance. American Journal of Medical Genetics, Part A, 2015, 167, 2122-2131.	0.7	52

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77	Distinguishing clonal evolution from so-called secondary acute myelogenous leukemia: Adhering to unifying concepts of the genetic basis of leukemogenesis. <i>Blood Cells, Molecules, and Diseases</i> , 2015, 55, 1-2.	0.6	3
78	TET proteins and the control of cytosine demethylation in cancer. <i>Genome Medicine</i> , 2015, 7, 9.	3.6	176
79	Clonal hematopoiesis of indeterminate potential and its distinction from myelodysplastic syndromes. <i>Blood</i> , 2015, 126, 9-16.	0.6	1,493
80	Molecular pathology of myelodysplastic syndromes: new developments and implications for diagnosis and treatment. <i>Leukemia and Lymphoma</i> , 2015, 56, 3022-3030.	0.6	7
81	Myeloproliferative Neoplasms. <i>JAMA Oncology</i> , 2015, 1, 97.	3.4	266
82	Telomerase abrogates aneuploidy-induced telomere replication stress, senescence and cell depletion. <i>EMBO Journal</i> , 2015, 34, 1371-1384.	3.5	65
83	Inferring mutational timing and reconstructing tumour evolutionary histories. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2015, 1855, 264-275.	3.3	48
85	Mutational Cooperativity Linked to Combinatorial Epigenetic Gain of Function in Acute Myeloid Leukemia. <i>Cancer Cell</i> , 2015, 27, 502-515.	7.7	191
86	Genomic medicine at the heart of diabetes management. <i>Diabetologia</i> , 2015, 58, 1725-1729.	2.9	17
87	Genetics and genomics of psychiatric disease. <i>Science</i> , 2015, 349, 1489-1494.	6.0	337
88	Somatic mutation in cancer and normal cells. <i>Science</i> , 2015, 349, 1483-1489.	6.0	996
89	Aging as a driver of leukemogenesis. <i>Science Translational Medicine</i> , 2015, 7, 306fs38.	5.8	42
90	Aging of Human Haematopoietic Stem Cells. , 2015, , 127-147.		2
91	Why germline variations in ALL can matter. <i>Lancet Oncology, The</i> , 2015, 16, 1577-1578.	5.1	1
93	Frequent Somatic Mutation in Adult Intestinal Stem Cells Drives Neoplasia and Genetic Mosaicism during Aging. <i>Cell Stem Cell</i> , 2015, 17, 663-674.	5.2	79
94	Quantitative detection of DNMT3A R882H mutation in acute myeloid leukemia. <i>Journal of Experimental and Clinical Cancer Research</i> , 2015, 34, 55.	3.5	12
95	Mutant DNA methylation regulators endow hematopoietic stem cells with the preleukemic stem cell property, a requisite of leukemia initiation and relapse. <i>Frontiers of Medicine</i> , 2015, 9, 412-420.	1.5	10
96	Somatic Mutations and Clonal Hematopoiesis in Aplastic Anemia. <i>New England Journal of Medicine</i> , 2015, 373, 1673-1676.	13.9	32

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97	The utility of next-generation sequencing in diagnosis and monitoring of acute myeloid leukemia and myelodysplastic syndromes. <i>International Journal of Laboratory Hematology</i> , 2015, 37, 115-121.	0.7	44
98	Clonal Hematopoiesis and Blood-Cancer Risk. <i>New England Journal of Medicine</i> , 2015, 372, 1071-1072.	13.9	57
99	The Fanconi anemia pathway is required for efficient repair of stress-induced DNA damage in haematopoietic stem cells. <i>Cell Cycle</i> , 2015, 14, 2734-2742.	1.3	18
100	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
101	Complete hematologic response of early T-cell progenitor acute lymphoblastic leukemia to the $\beta$ -secretase inhibitor BMS-906024: genetic and epigenetic findings in an outlier case. <i>Journal of Physical Education and Sports Management</i> , 2015, 1, a000539.	0.5	47
102	Profound parental bias associated with chromosome 14 acquired uniparental disomy indicates targeting of an imprinted locus. <i>Leukemia</i> , 2015, 29, 2069-2074.	3.3	13
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105	Molecular Pathogenesis of Peripheral T Cell Lymphoma. <i>Current Hematologic Malignancy Reports</i> , 2015, 10, 429-437.	1.2	13
106	Juvenile myelomonocytic leukemia displays mutations in components of the RAS pathway and the PRC2 network. <i>Nature Genetics</i> , 2015, 47, 1334-1340.	9.4	152
107	DMSO Increases Mutation Scanning Detection Sensitivity of High-Resolution Melting in Clinical Samples. <i>Clinical Chemistry</i> , 2015, 61, 1354-1362.	1.5	9
108	Distribution of mutations in DNMT3A gene and the suitability of mutations in R882 codon for MRD monitoring in patients with AML. <i>International Journal of Hematology</i> , 2015, 102, 553-557.	0.7	16
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110	Deconstructing innate immune signaling in myelodysplastic syndromes. <i>Experimental Hematology</i> , 2015, 43, 587-598.	0.2	29
111	Germline duplication of ATG2B and GSKIP predisposes to familial myeloid malignancies. <i>Nature Genetics</i> , 2015, 47, 1131-1140.	9.4	107
112	Prior cytopenia predicts worse clinical outcome in acute myeloid leukemia. <i>Leukemia Research</i> , 2015, 39, 1034-1040.	0.4	8
113	Association Between Mutation Clearance After Induction Therapy and Outcomes in Acute Myeloid Leukemia. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 811.	3.8	302
114	Acute Myeloid Leukemia. <i>New England Journal of Medicine</i> , 2015, 373, 1136-1152.	13.9	2,466
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117	Rationale for revision and proposed changes of the WHO diagnostic criteria for polycythemia vera, essential thrombocythemia and primary myelofibrosis. <i>Blood Cancer Journal</i> , 2015, 5, e337-e337.	2.8	100
118	Fantastic voyage: the future of cancer diagnostics. <i>Lancet Oncology</i> , The, 2015, 16, 1596-1598.	5.1	6
119	Biologie des syndromes myéoloprolifératifs : classifications diagnostiques et nouveaux marqueurs moléculaires. <i>Revue Francophone Des Laboratoires</i> , 2015, 2015, 35-45.	0.0	1
120	Reasons for optimism in the therapy of acute leukemia. <i>Best Practice and Research in Clinical Haematology</i> , 2015, 28, 69-72.	0.7	9
121	AML evolution from preleukemia to leukemia and relapse. <i>Best Practice and Research in Clinical Haematology</i> , 2015, 28, 81-89.	0.7	20
122	Somatic mutations linked to future disease risk. <i>Nature Reviews Genetics</i> , 2015, 16, 69-69.	7.7	8
123	Heterogeneous leukemia stem cells in myeloid blast phase chronic myeloid leukemia. <i>Blood Advances</i> , 2016, 1, 160-169.	2.5	12
124	Mutational analysis of disease relapse in patients allografted for acute myeloid leukemia. <i>Blood Advances</i> , 2016, 1, 193-204.	2.5	63
125	Obesity and neoplasms of lymphohematopoietic cells. <i>Blood Advances</i> , 2016, 1, 101-103.	2.5	4
128	Myelodysplastic syndroms: epidemiology, diagnosis and treatment. <i>Hematologie</i> , 2016, 22, 288-296.	0.0	0
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131	Clonal Hematopoiesis of Indeterminate Potential. <i>Deutsches A&amp;#x0308;rztblatt International</i> , 2016, 113, 317-22.	0.6	65
132	Underground Adaptation to a Hostile Environment: Acute Myeloid Leukemia vs. Natural Killer Cells. <i>Frontiers in Immunology</i> , 2016, 7, 94.	2.2	26
133	Inflamm-Aging of Hematopoiesis, Hematopoietic Stem Cells, and the Bone Marrow Microenvironment. <i>Frontiers in Immunology</i> , 2016, 7, 502.	2.2	272
134	Personalized Cancer Risk Assessments for Space Radiation Exposures. <i>Frontiers in Oncology</i> , 2016, 6, 38.	1.3	10
135	DNMT3A and TET2 in the Pre-Leukemic Phase of Hematopoietic Disorders. <i>Frontiers in Oncology</i> , 2016, 6, 187.	1.3	38



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136	The Functional Role of PRC2 in Early T-cell Precursor Acute Lymphoblastic Leukemia (ETP-ALL) â€“ Mechanisms and Opportunities. <i>Frontiers in Pediatrics</i> , 2016, 4, 49.	0.9	11
137	Immune Mechanisms in Myelodysplastic Syndrome. <i>International Journal of Molecular Sciences</i> , 2016, 17, 944.	1.8	48
138	Loss of Y Chromosome in Peripheral Blood of Colorectal and Prostate Cancer Patients. <i>PLoS ONE</i> , 2016, 11, e0146264.	1.1	79
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140	Recent advances in understanding myelofibrosis and essential thrombocythemia. <i>F1000Research</i> , 2016, 5, 700.	0.8	39
141	Therapy-related myeloid neoplasms. <i>Current Opinion in Hematology</i> , 2016, 23, 161-166.	1.2	17
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144	Identification of Circulating Tumor DNA for the Early Detection of Small-cell Lung Cancer. <i>EBioMedicine</i> , 2016, 10, 117-123.	2.7	153
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146	Novel therapeutic strategies in myelodysplastic syndromes. <i>Current Opinion in Hematology</i> , 2016, 23, 79-87.	1.2	2
147	Molecular landscapes of human hematopoietic stem cells in health and leukemia. <i>Annals of the New York Academy of Sciences</i> , 2016, 1370, 5-14.	1.8	24
148	Combined comparative genomic hybridization and single-nucleotide polymorphism array detects cryptic chromosomal lesions in both myelodysplastic syndromes and cytopenias of undetermined significance. <i>Modern Pathology</i> , 2016, 29, 1183-1199.	2.9	14
149	Ageing, Clonality, and Rejuvenation of Hematopoietic Stem Cells. <i>Trends in Molecular Medicine</i> , 2016, 22, 701-712.	3.5	135
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152	New challenges in evaluating anemia in older persons in the era of molecular testing. <i>Hematology American Society of Hematology Education Program</i> , 2016, 2016, 67-73.	0.9	15
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154	New insights into the generation and role of de novo mutations in health and disease. <i>Genome Biology</i> , 2016, 17, 241.	3.8	339
155	Molecular pathogenesis of chronic myelomonocytic leukemia. <i>Memo - Magazine of European Medical Oncology</i> , 2016, 9, 172-177.	0.3	2
156	<i>SETD2</i> and <i>DNMT3A</i> screen in the Sotos-like syndrome French cohort. <i>Journal of Medical Genetics</i> , 2016, 53, 743-751.	1.5	54
157	Targeted therapies in the treatment of adult acute myeloid leukemias: current status and future perspectives. <i>International Journal of Hematologic Oncology</i> , 2016, 5, 143-164.	0.7	6
158	Single cell transcriptomics reveals unanticipated features of early hematopoietic precursors. <i>Nucleic Acids Research</i> , 2017, 45, gkw1214.	6.5	40
159	Analysis of cancer genomes reveals basic features of human aging and its role in cancer development. <i>Nature Communications</i> , 2016, 7, 12157.	5.8	81
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163	Case 37-2016. <i>New England Journal of Medicine</i> , 2016, 375, 2273-2282.	13.9	3
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165	Update from the latest WHO classification of MPNs: a user's manual. <i>Hematology American Society of Hematology Education Program</i> , 2016, 2016, 534-542.	0.9	42
166	Aplastic anemia and clonal evolution: germ line and somatic genetics. <i>Hematology American Society of Hematology Education Program</i> , 2016, 2016, 74-82.	0.9	35
167	Hematopoietic Cell Transplantation for Myelodysplastic Syndromes. <i>Journal of Oncology Practice</i> , 2016, 12, 786-792.	2.5	10
168	Germline, hematopoietic, mosaic, and somatic variation: interplay between inherited and acquired genetic alterations in disease assessment. <i>Genome Medicine</i> , 2016, 8, 100.	3.6	6
169	A physical mechanism of cancer heterogeneity. <i>Scientific Reports</i> , 2016, 6, 20679.	1.6	25
170	Clonal haematopoiesis harbouring AML-associated mutations is ubiquitous in healthy adults. <i>Nature Communications</i> , 2016, 7, 12484.	5.8	523
171	Role of TET enzymes in DNA methylation, development, and cancer. <i>Genes and Development</i> , 2016, 30, 733-750.	2.7	781

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173	Mixed-phenotype acute leukemia (MPAL) exhibits frequent mutations in DNMT3A and activated signaling genes. <i>Experimental Hematology</i> , 2016, 44, 740-744.	0.2	48
174	Pathogenesis of Myeloproliferative Disorders. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2016, 11, 101-126.	9.6	38
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188	Germ line variants predispose to both JAK2 V617F clonal hematopoiesis and myeloproliferative neoplasms. <i>Blood</i> , 2016, 128, 1121-1128.	0.6	200
189	Molecular landscape of acute myeloid leukemia in younger adults and its clinical relevance. <i>Blood</i> , 2016, 127, 29-41.	0.6	356
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1014	Mechanisms underlying T cell ageing. <i>Nature Reviews Immunology</i> , 2019, 19, 573-583.	10.6	250
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1016	Comparative analysis of clonal hematopoiesis of multipotent stem cells in healthy elderly in blood and bone marrow. <i>Leukemia Research</i> , 2019, 82, 15-18.	0.4	1



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1019	A Model System for Studying the DNMT3A Hotspot Mutation (DNMT3AR882) Demonstrates a Causal Relationship between Its Dominant-Negative Effect and Leukemogenesis. <i>Cancer Research</i> , 2019, 79, 3583-3594.	0.4	18
1020	Clinical and Therapeutic Implications of Cancer Stem Cells. <i>New England Journal of Medicine</i> , 2019, 380, 2237-2245.	13.9	234
1021	TET2 missense variants in human neoplasia. A proposal of structural and functional classification. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2019, 7, e00772.	0.6	9
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1025	Molecular genetic testing in the diagnosis of myeloid neoplasms. <i>Diagnostic Histopathology</i> , 2019, 25, 249-259.	0.2	1
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1028	More Versus Less Therapy for Older Adults With Acute Myeloid Leukemia: New Perspectives on an Old Debate. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2019, 39, 421-432.	1.8	31
1029	Sequencing Lung Cancer's Sequence. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 657-659.	2.5	0
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1032	Genomic testing in myeloid malignancy. <i>International Journal of Laboratory Hematology</i> , 2019, 41, 117-125.	0.7	7
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1034	Ageing Human Hematopoietic Stem Cells Manifest Profound Epigenetic Reprogramming of Enhancers That May Predispose to Leukemia. <i>Cancer Discovery</i> , 2019, 9, 1080-1101.	7.7	119
1035	Somatic variants in epigenetic modifiers can predict failure of response to imatinib but not to second-generation tyrosine kinase inhibitors. <i>Haematologica</i> , 2019, 104, 2400-2409.	1.7	37
1036	Circulating cell-free DNA use for diagnosing cholangiocarcinoma. <i>Clinical Epigenetics</i> , 2019, 11, 75.	1.8	2

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1059	Cytokine Circuits in Cardiovascular Disease. <i>Immunity</i> , 2019, 50, 941-954.	6.6	125
1060	Prognostic Value of Genetic Alterations in Elderly Patients with Acute Myeloid Leukemia: A Single Institution Experience. <i>Cancers</i> , 2019, 11, 570.	1.7	14
1061	Clonal hematopoiesis of indeterminate potential and its impact on patient trajectories after stem cell transplantation. <i>PLoS Computational Biology</i> , 2019, 15, e1006913.	1.5	16
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1075	Clonal haematopoiesis of indeterminate potential among cancer survivors exposed to myelotoxic chemotherapy. <i>British Journal of Haematology</i> , 2019, 186, e31-e35.	1.2	17
1076	Cellâ€”free tumour <scp>DNA</scp> testing for early detection of cancer â€” a potential future tool. <i>Journal of Internal Medicine</i> , 2019, 286, 118-136.	2.7	50
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1080	Prognostic significance of mutation profile at diagnosis and mutation persistence during disease remission in adult acute myeloid leukaemia patients. <i>British Journal of Haematology</i> , 2019, 186, 300-310.	1.2	9
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1083	Liquid biopsy for cancer diagnosis and screening â€” The promise and challenges. <i>Annals of Clinical Biochemistry</i> , 2019, 56, 420-423.	0.8	1
1084	RNA-binding proteins in hematopoiesis and hematological malignancy. <i>Blood</i> , 2019, 133, 2365-2373.	0.6	52
1085	Genomic subtyping and therapeutic targeting of acute erythroleukemia. <i>Nature Genetics</i> , 2019, 51, 694-704.	9.4	97
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1087	Next-generation sequencing in the diagnosis and minimal residual disease assessment of acute myeloid leukemia. <i>Haematologica</i> , 2019, 104, 868-871.	1.7	40
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1089	Editorial commentary: Arson in the artery: Who set the atheroma aflame?. <i>Trends in Cardiovascular Medicine</i> , 2019, 29, 473-475.	2.3	2
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1091	Detection of Solid Tumor Molecular Residual Disease (MRD) Using Circulating Tumor DNA (ctDNA). <i>Molecular Diagnosis and Therapy</i> , 2019, 23, 311-331.	1.6	123

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1093	The pathological features of angioimmunoblastic T-cell lymphomas with IDH2 mutations. <i>Modern Pathology</i> , 2019, 32, 1123-1134.	2.9	54
1094	Targeted, Amplicon-Based, Next-Generation Sequencing to Detect Age-Related Clonal Hematopoiesis. <i>Methods in Molecular Biology</i> , 2019, 2045, 167-180.	0.4	8
1095	Role of Donor Clonal Hematopoiesis in Allogeneic Hematopoietic Stem-Cell Transplantation. <i>Journal of Clinical Oncology</i> , 2019, 37, 375-385.	0.8	163
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1099	Mosaicism, aging and cancer. <i>Current Opinion in Oncology</i> , 2019, 31, 108-113.	1.1	13
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1101	Clonal approaches to understanding the impact of mutations on hematologic disease development. <i>Blood</i> , 2019, 133, 1436-1445.	0.6	14
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1103	TP53 and therapy-related myeloid neoplasms. <i>Best Practice and Research in Clinical Haematology</i> , 2019, 32, 98-103.	0.7	9
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1106	The year in cardiology 2018: heart failure. <i>European Heart Journal</i> , 2019, 40, 651-661.	1.0	32
1107	Inflammasomes, neutrophil extracellular traps, and cholesterol. <i>Journal of Lipid Research</i> , 2019, 60, 721-727.	2.0	92
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1112	Valor terapéutico potencial de las estrategias dirigidas contra la interleucina 1 $\beta$ en la enfermedad cardiovascular aterosclerótica. <i>Revista Espanola De Cardiologia</i> , 2019, 72, 760-766.	0.6	12
1113	In MDS, is higher risk higher reward?. <i>Hematology American Society of Hematology Education Program</i> , 2019, 2019, 381-390.	0.9	7
1114	Inflammatory bone marrow microenvironment. <i>Hematology American Society of Hematology Education Program</i> , 2019, 2019, 294-302.	0.9	41
1115	Children and Adolescents with Chronic Myeloproliferative Neoplasms: Still an Unmet Biological and Clinical Need?. <i>HemaSphere</i> , 2019, 3, e283.	1.2	2
1116	Epigenetic regulation of hematopoietic stem cell homeostasis. <i>Blood Science</i> , 2019, 1, 19-28.	0.4	8
1117	Do next-generation sequencing results drive diagnostic and therapeutic decisions in MDS?. <i>Blood Advances</i> , 2019, 3, 3449-3453.	2.5	7
1118	Comorbid and inflammatory characteristics of genetic subtypes of clonal hematopoiesis. <i>Blood Advances</i> , 2019, 3, 2482-2486.	2.5	89
1119	Overexpression of WT1 and PRAME predicts poor outcomes of patients with myelodysplastic syndromes with thrombocytopenia. <i>Blood Advances</i> , 2019, 3, 3406-3418.	2.5	8
1120	The transcriptome of CMML monocytes is highly inflammatory and reflects leukemia-specific and age-related alterations. <i>Blood Advances</i> , 2019, 3, 2949-2961.	2.5	29
1121	Do next-generation sequencing results drive diagnostic and therapeutic decisions in MDS?. <i>Blood Advances</i> , 2019, 3, 3454-3460.	2.5	5
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1123	Non-del(5q) myelodysplastic syndromes-associated loci detected by SNP-array genome-wide association meta-analysis. <i>Blood Advances</i> , 2019, 3, 3579-3589.	2.5	7
1124	Mastering the multitude of monocytoses. <i>Haematologica</i> , 2019, 104, 1912-1914.	1.7	1
1125	When should transplant physicians think about familial blood cancers?. <i>Advances in Cell and Gene Therapy</i> , 2019, 2, e68.	0.6	4
1126	The Ban on US Government Funding Research Using Human Fetal Tissues: How Does This Fit with the NIH Mission to Advance Medical Science for the Benefit of the Citizenry?. <i>Stem Cell Reports</i> , 2019, 13, 777-786.	2.3	23
1127	Molecular Genetics in Myelodysplasia Outcomes Prognostication. <i>Advances in Molecular Pathology</i> , 2019, 2, 35-43.	0.2	0

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1130	Invariant patterns of clonal succession determine specific clinical features of myelodysplastic syndromes. <i>Nature Communications</i> , 2019, 10, 5386.	5.8	53
1131	Non-receptor Tyrosine Kinases Role and Significance in Hematological Malignancies. , 2019, , .		9
1132	Metcalfe Lecture Award: Applying niche biology to engineer T-cell regenerative therapies. <i>Experimental Hematology</i> , 2019, 80, 1-10.	0.2	1
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1135	Telomeres as Therapeutic Targets in Heart Disease. <i>JACC Basic To Translational Science</i> , 2019, 4, 855-865.	1.9	26
1136	DNA methylation aging clocks: challenges and recommendations. <i>Genome Biology</i> , 2019, 20, 249.	3.8	552
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1138	Growing old in the age of heterogeneity: the perils of shifting clonality. <i>Current Opinion in Hematology</i> , 2019, 26, 222-227.	1.2	4
1139	Application of Genomics to Clinical Practice in Haematological Malignancy. <i>Current Genetic Medicine Reports</i> , 2019, 7, 236-252.	1.9	0
1140	Approaches for vulnerable and frail older patients with diffuse large B-cell lymphomas. <i>Current Opinion in Oncology</i> , 2019, 31, 369-373.	1.1	6
1141	Symptomatic Heart Failure in Acute Leukemia Patients Treated With Anthracyclines. <i>JACC: CardioOncology</i> , 2019, 1, 208-217.	1.7	27
1142	MLL-AF9 initiates transformation from fast-proliferating myeloid progenitors. <i>Nature Communications</i> , 2019, 10, 5767.	5.8	41
1143	Emerging single-cell tools are primed to reveal functional and molecular heterogeneity in malignant hematopoietic stem cells. <i>Current Opinion in Hematology</i> , 2019, 26, 214-221.	1.2	9
1144	Inflammatory cytokines promote clonal hematopoiesis with specific mutations in ulcerative colitis patients. <i>Experimental Hematology</i> , 2019, 80, 36-41.e3.	0.2	90
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1146	Personalized Cardiovascular Regenerative Medicine: Targeting the Extreme Stages of Life. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 177.	1.1	4
1147	The landscape of somatic mutation in normal colorectal epithelial cells. <i>Nature</i> , 2019, 574, 532-537.	13.7	468

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1149	Shifting therapeutic paradigms in induction and consolidation for older adults with acute myeloid leukemia. <i>Current Opinion in Hematology</i> , 2019, 26, 51-57.	1.2	4
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1151	High-intensity sequencing reveals the sources of plasma circulating cell-free DNA variants. <i>Nature Medicine</i> , 2019, 25, 1928-1937.	15.2	485
1152	Genome Sequencing during a Patient's Journey through Cancer. <i>New England Journal of Medicine</i> , 2019, 381, 2145-2156.	13.9	50
1153	Metabolism as master of hematopoietic stem cell fate. <i>International Journal of Hematology</i> , 2019, 109, 18-27.	0.7	71
1154	Persistent <i>IDH1/2</i> mutations in remission can predict relapse in patients with acute myeloid leukemia. <i>Haematologica</i> , 2019, 104, 305-311.	1.7	56
1155	Allogeneic Hematopoietic Cell Transplantation in Patients Aged 50 Years or Older with Severe Aplastic Anemia. <i>Biology of Blood and Marrow Transplantation</i> , 2019, 25, 488-495.	2.0	21
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1157	Clinical implications of molecular markers in acute myeloid leukemia. <i>European Journal of Haematology</i> , 2019, 102, 20-35.	1.1	44
1158	DNA methylation processes in atherosclerotic plaque. <i>Atherosclerosis</i> , 2019, 281, 168-179.	0.4	49
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1160	Acute myeloid leukemia with eosinophilia after cyclin-dependent kinases 4/6 inhibitor treatment due to underlying clonal hematopoiesis of indeterminate potential. <i>American Journal of Hematology</i> , 2019, 94, E82-E85.	2.0	2
1161	CHIPping Away at the Pathogenesis of Heart Failure. <i>JAMA Cardiology</i> , 2019, 4, 5.	3.0	8
1162	Clinicopathological and molecular features of SF3B1-mutated myeloproliferative neoplasms. <i>Human Pathology</i> , 2019, 86, 1-11.	1.1	24
1163	Age-related remodelling of oesophageal epithelia by mutated cancer drivers. <i>Nature</i> , 2019, 565, 312-317.	13.7	476
1164	Mutational and transcriptomic profiling of acute leukemia of ambiguous lineage reveals obscure but clinically important lineage bias. <i>Haematologica</i> , 2019, 104, e200-e203.	1.7	8
1165	Genomic landscape and clonal evolution of acute myeloid leukemia with t(8;21): an international study on 331 patients. <i>Blood</i> , 2019, 133, 1140-1151.	0.6	96



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1167	Myelodysplastic Syndrome and Acute Myeloid Leukemia Risk Associated With Solid Tumor Chemotherapy. <i>JAMA Oncology</i> , 2019, 5, 303.	3.4	6
1168	A robust pipeline with high replication rate for detection of somatic variants in the adaptive immune system as a source of common genetic variation in autoimmune disease. <i>Human Molecular Genetics</i> , 2019, 28, 1369-1380.	1.4	16
1169	Early Noninvasive Detection of Response to Targeted Therapy in Non-Small Cell Lung Cancer. <i>Cancer Research</i> , 2019, 79, 1204-1213.	0.4	75
1170	Single cell analysis of clonal architecture in acute myeloid leukaemia. <i>Leukemia</i> , 2019, 33, 1113-1123.	3.3	65
1171	The molecular genetics of sideroblastic anemia. <i>Blood</i> , 2019, 133, 59-69.	0.6	68
1172	Spontaneous & de novo germline mutations in humans and mice: rates, spectra, causes and consequences. <i>Genes and Genetic Systems</i> , 2019, 94, 13-22.	0.2	19
1173	Current and future perspectives of liquid biopsies in genomics-driven oncology. <i>Nature Reviews Genetics</i> , 2019, 20, 71-88.	7.7	912
1174	Heterogeneity in myeloproliferative neoplasms: Causes and consequences. <i>Advances in Biological Regulation</i> , 2019, 71, 55-68.	1.4	35
1175	Detection of Minimal Residual Disease Using ctDNA in Lung Cancer: Current Evidence and Future Directions. <i>Journal of Thoracic Oncology</i> , 2019, 14, 16-24.	0.5	100
1176	Modeling human RNA spliceosome mutations in the mouse: not all mice were created equal. <i>Experimental Hematology</i> , 2019, 70, 10-23.	0.2	13
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1179	Genetic evidence implies that primary and relapsed tumors arise from common precursor cells in primary central nervous system lymphoma. <i>Cancer Science</i> , 2019, 110, 401-407.	1.7	20
1180	Radiation exposure and longitudinal changes in peripheral monocytes over 50 years: the Adult Health Study of atomic bomb survivors. <i>British Journal of Haematology</i> , 2019, 185, 107-115.	1.2	20
1181	Mutation clonal burden and allogeneic hematopoietic cell transplantation outcomes in acute myeloid leukemia and myelodysplastic syndromes. <i>Bone Marrow Transplantation</i> , 2019, 54, 1281-1286.	1.3	24
1182	Clinical resistance to crenolanib in acute myeloid leukemia due to diverse molecular mechanisms. <i>Nature Communications</i> , 2019, 10, 244.	5.8	111
1183	The use of targeted sequencing and flow cytometry to identify patients with a clinically significant monocytosis. <i>Blood</i> , 2019, 133, 1325-1334.	0.6	53

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1185	Assessment of older adult candidates for allogeneic hematopoietic cell transplantation: updates and remaining questions. <i>Expert Review of Hematology</i> , 2019, 12, 99-106.	1.0	5
1186	Genetic and transcriptional landscape of plasma cells in POEMS syndrome. <i>Leukemia</i> , 2019, 33, 1723-1735.	3.3	28
1187	Relapse of Acute Myeloid Leukemia after Allogeneic Stem Cell Transplantation: Prevention, Detection, and Treatment. <i>International Journal of Molecular Sciences</i> , 2019, 20, 228.	1.8	93
1188	Positive impact of molecular analysis on prognostic scores in essential thrombocythemia: a single center prospective cohort experience. <i>Haematologica</i> , 2019, 104, e134-e137.	1.7	6
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1191	Molecular pathogenesis of acquired aplastic anemia. <i>European Journal of Haematology</i> , 2019, 102, 103-110.	1.1	25
1192	Aberrant histone modifications induced by mutant ASXL1 in myeloid neoplasms. <i>International Journal of Hematology</i> , 2019, 110, 179-186.	0.7	17
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1194	Myelodysplastic syndrome progression to acute myeloid leukemia at the stem cell level. <i>Nature Medicine</i> , 2019, 25, 103-110.	15.2	169
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1196	Circulating Tumor DNA: Clinical Monitoring and Early Detection. <i>Annual Review of Cancer Biology</i> , 2019, 3, 187-201.	2.3	6
1197	Immunometabolic Crosstalk: An Ancestral Principle of Trained Immunity?. <i>Trends in Immunology</i> , 2019, 40, 1-11.	2.9	92
1198	Clinical impact of clonal hematopoiesis in acute myeloid leukemia patients receiving allogeneic transplantation. <i>Bone Marrow Transplantation</i> , 2019, 54, 1189-1197.	1.3	34
1199	Epigenomic drivers of immune dysfunction in aging. <i>Aging Cell</i> , 2019, 18, e12878.	3.0	60
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1204	<i>ASXL1</i> mutations in idiopathic cytopenias: determined significance?. <i>Leukemia and Lymphoma</i> , 2019, 60, 568-570.	0.6	0
1205	Genome analysis of myelodysplastic syndromes among atomic bomb survivors in Nagasaki. <i>Haematologica</i> , 2020, 105, 358-365.	1.7	5
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1209	Older breast cancer survivors may harbor hereditary cancer predisposition pathogenic variants and are at risk for clonal hematopoiesis. <i>Journal of Geriatric Oncology</i> , 2020, 11, 316-319.	0.5	8
1210	Detection of incipient tumours by screening of circulating plasma DNA: hype or hope?. <i>Acta Clinica Belgica</i> , 2020, 75, 9-18.	0.5	9
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1216	Large granular lymphocytic leukemia coexists with myeloid clones and myelodysplastic syndrome. <i>Leukemia</i> , 2020, 34, 957-962.	3.3	32
1217	Analysis of the clinical impact of <i>NPM1</i> mutant allele burden in a large cohort of younger adult patients with acute myeloid leukaemia. <i>British Journal of Haematology</i> , 2020, 188, 852-859.	1.2	13
1218	Melt dripping behavior in the process of flame spread over energized electrical wire at different pressures. <i>Fire and Materials</i> , 2020, 44, 58-64.	0.9	2
1219	Redistribution, homing and organ-invasion of neoplastic stem cells in myeloid neoplasms. <i>Seminars in Cancer Biology</i> , 2020, 60, 191-201.	4.3	15
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1224	Clonal haematopoiesis in patients with degenerative aortic valve stenosis undergoing transcatheter aortic valve implantation. <i>European Heart Journal</i> , 2020, 41, 933-939.	1.0	150
1225	Targeting Immunophenotypic Markers on Leukemic Stem Cells: How Lessons from Current Approaches and Advances in the Leukemia Stem Cell (LSC) Model Can Inform Better Strategies for Treating Acute Myeloid Leukemia (AML). <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020, 10, a036251.	2.9	17
1226	Genetic and epigenetic Muller's ratchet as a mechanism of frailty and morbidity during aging: a demographic genetic model. <i>Human Genetics</i> , 2020, 139, 409-420.	1.8	6
1228	Recent advances in MDS mutation landscape: Splicing and signalling. <i>Advances in Biological Regulation</i> , 2020, 75, 100673.	1.4	7
1229	Cardiovascular Disease, Aging, and Clonal Hematopoiesis. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2020, 15, 419-438.	9.6	94
1230	Low prevalence of the BCR-ABL1 fusion gene in a normal population in southern Sarawak. <i>International Journal of Hematology</i> , 2020, 111, 217-224.	0.7	1
1231	Aspects of the normal genome. , 2020, , 525-545.		0
1232	Recent advances in genetic predisposition to pediatric acute lymphoblastic leukemia. <i>Expert Review of Hematology</i> , 2020, 13, 55-70.	1.0	35
1233	Longitudinal changes in the frequency of mosaic chromosome Y loss in peripheral blood cells of aging men varies profoundly between individuals. <i>European Journal of Human Genetics</i> , 2020, 28, 349-357.	1.4	47
1234	Genetic Interleukin 6 Signaling Deficiency Attenuates Cardiovascular Risk in Clonal Hematopoiesis. <i>Circulation</i> , 2020, 141, 124-131.	1.6	270
1235	Clonal Hematopoiesis and Premalignant Diseases. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020, 10, a035675.	2.9	10
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1237	Molecular heterogeneity unravelled by single-cell transcriptomics in patients with essential thrombocythaemia. <i>British Journal of Haematology</i> , 2020, 188, 707-722.	1.2	2
1238	A decade with whole exome sequencing in haematology. <i>British Journal of Haematology</i> , 2020, 188, 367-382.	1.2	24
1239	A substantial proportion of apparently heterozygous TP53 pathogenic variants detected with a next-generation sequencing hereditary cancer panel are acquired somatically. <i>Human Mutation</i> , 2020, 41, 203-211.	1.1	19
1240	A new opening on aortic stenosis: predicting prognosis with clonal haematopoiesis. <i>European Heart Journal</i> , 2020, 41, 940-942.	1.0	3

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1246	Environmental influences on clonal hematopoiesis. <i>Experimental Hematology</i> , 2020, 83, 66-73.	0.2	45
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1248	Genetic predisposition for multiple myeloma. <i>Leukemia</i> , 2020, 34, 697-708.	3.3	25
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1250	Cancer-predisposing germline variants and childhood cancer. , 2020, , 221-232.		0
1251	Apparently Heterozygous TP53 Pathogenic Variants May Be Blood Limited in Patients Undergoing Hereditary Cancer Panel Testing. <i>Journal of Molecular Diagnostics</i> , 2020, 22, 396-404.	1.2	17
1252	Evolving Significance of Tumor-Normal Sequencing in Cancer Care. <i>Trends in Cancer</i> , 2020, 6, 31-39.	3.8	30
1253	Autism risk in offspring can be assessed through quantification of male sperm mosaicism. <i>Nature Medicine</i> , 2020, 26, 143-150.	15.2	76
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1256	How I investigate chronic myelomonocytic leukemia. <i>International Journal of Laboratory Hematology</i> , 2020, 42, 101-108.	0.7	9
1257	Elevated Hedgehog activity contributes to attenuated DNA damage responses in aged hematopoietic cells. <i>Leukemia</i> , 2020, 34, 1125-1134.	3.3	10
1258	Impact of the variant allele frequency of <i>ASXL1</i> , <i>DNMT3A</i> , <i>JAK2</i> , <i>TET2</i> , <i>TP53</i> , and <i>NPM1</i> on the outcomes of patients with newly diagnosed acute myeloid leukemia. <i>Cancer</i> , 2020, 126, 765-774.	2.0	69
1259	The leukaemia stem cell: similarities, differences and clinical prospects in CML and AML. <i>Nature Reviews Cancer</i> , 2020, 20, 158-173.	12.8	181
1260	Atypical CML- the role of morphology and precision genomics. <i>Best Practice and Research in Clinical Haematology</i> , 2020, 33, 101133.	0.7	7

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1263	Clinical, molecular, and prognostic correlates of number, type, and functional localization of TET2 mutations in chronic myelomonocytic leukemia (CMML)â€”a study of 1084 patients. <i>Leukemia</i> , 2020, 34, 1407-1421.	3.3	68
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1265	Prognostic significance of SF3B1 mutations in patients with myelodysplastic syndromes: A meta-analysis. <i>Critical Reviews in Oncology/Hematology</i> , 2020, 145, 102832.	2.0	8
1266	Clinical Utility of Next-Generation Sequencing in Acute Myeloid Leukemia. <i>Molecular Diagnosis and Therapy</i> , 2020, 24, 1-13.	1.6	21
1267	Assessing clonal haematopoiesis: clinical burdens and benefits of diagnosing myelodysplastic syndrome precursor states. <i>Lancet Haematology</i> , 2020, 7, e73-e81.	2.2	45
1268	Oligo-monocytic CMML and other pre-CMML states: Clinical impact, prognostication and management. <i>Best Practice and Research in Clinical Haematology</i> , 2020, 33, 101137.	0.7	11
1269	Circulating tumor DNA as an early cancer detection tool. , 2020, 207, 107458.		123
1270	Characterization of TP53 mutations in Pap test DNA of women with and without serous ovarian carcinoma. <i>Gynecologic Oncology</i> , 2020, 156, 407-414.	0.6	10
1271	Somatic inflammatory gene mutations in human ulcerative colitis epithelium. <i>Nature</i> , 2020, 577, 254-259.	13.7	202
1272	Frequent mutations that converge on the NFKBIZ pathway in ulcerative colitis. <i>Nature</i> , 2020, 577, 260-265.	13.7	168
1273	Genetic and epigenetic factors interacting with clonal hematopoiesis resulting in chronic myelomonocytic leukemia. <i>Current Opinion in Hematology</i> , 2020, 27, 2-10.	1.2	7
1274	The power and potential of integrated diagnostics in acute myeloid leukaemia. <i>British Journal of Haematology</i> , 2020, 188, 36-48.	1.2	44
1275	Familial myeloid malignancies with germline TET2 mutation. <i>Leukemia</i> , 2020, 34, 1450-1453.	3.3	36
1276	Clonal hematopoiesis as a model for premalignant changes during aging. <i>Experimental Hematology</i> , 2020, 83, 48-56.	0.2	56
1277	Clonal hierarchy of main molecular lesions in acute myeloid leukaemia. <i>British Journal of Haematology</i> , 2020, 190, 562-572.	1.2	5
1278	Deletion 20q12 is associated with histological transformation of nodal marginal zone lymphoma to diffuse large Bâ€”cell lymphoma. <i>American Journal of Hematology</i> , 2020, 95, 238-244.	2.0	4

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1281	EBV status has prognostic implication among young patients with angioimmunoblastic T-cell lymphoma. <i>Cancer Medicine</i> , 2020, 9, 678-688.	1.3	23
1282	CRISPR Diagnosis and Therapeutics with Single Base Pair Precision. <i>Trends in Molecular Medicine</i> , 2020, 26, 337-350.	3.5	30
1283	Impact of Conditioning Intensity of Allogeneic Transplantation for Acute Myeloid Leukemia With Genomic Evidence of Residual Disease. <i>Journal of Clinical Oncology</i> , 2020, 38, 1273-1283.	0.8	281
1284	Hemoglobin levels and coronary heart disease risk by age, race, and sex in the reasons for geographic and racial differences in stroke study (REGARDS). <i>American Journal of Hematology</i> , 2020, 95, 258-266.	2.0	14
1285	Novel Approaches to Target Mutant FLT3 Leukaemia. <i>Cancers</i> , 2020, 12, 2806.	1.7	13
1286	In vivo clonal analysis of aging hematopoietic stem cells. <i>Mechanisms of Ageing and Development</i> , 2020, 192, 111378.	2.2	3
1287	Endothelial JAK2V617F mutation leads to thrombosis, vasculopathy, and cardiomyopathy in a murine model of myeloproliferative neoplasm. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 3359-3370.	1.9	21
1288	The old and the new: DNA and RNA methylation in normal and malignant hematopoiesis. <i>Experimental Hematology</i> , 2020, 90, 1-11.	0.2	7
1289	Prevalence and characteristics of myeloproliferative neoplasms with concomitant monoclonal gammopathy. <i>Leukemia Research</i> , 2020, 98, 106454.	0.4	8
1290	Fitness Landscape of Clonal Hematopoiesis Under Selective Pressure of Immune Checkpoint Blockade. <i>JCO Precision Oncology</i> , 2020, 4, 1027-1033.	1.5	20
1291	Advancing Leukemia Diagnostics: Role of Next Generation Sequencing (NGS) in Acute Myeloid Leukemia. <i>Hematology Reports</i> , 2020, 12, 8957.	0.3	14
1292	Trained Immunity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 55-61.	1.1	21
1293	Putative Mechanisms Underlying Cardiovascular Disease Associated with Clonal Hematopoiesis of Indeterminate Potential. <i>Stem Cell Reports</i> , 2020, 15, 292-306.	2.3	4
1294	Inherited causes of clonal haematopoiesis in 97,691 whole genomes. <i>Nature</i> , 2020, 586, 763-768.	13.7	376
1295	Management of Patients with Acute Coronary Syndrome and Cancer. <i>Current Cardiology Reports</i> , 2020, 22, 159.	1.3	10
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1298	Clonal hematopoiesis: Molecular basis and clinical relevance. <i>Leukemia Research</i> , 2020, 98, 106457.	0.4	2
1299	Proliferation: Driver of HSC aging phenotypes?. <i>Mechanisms of Ageing and Development</i> , 2020, 191, 111331.	2.2	7
1300	The genomic landscapes of individual melanocytes from human skin. <i>Nature</i> , 2020, 586, 600-605.	13.7	79
1301	Methylated DNA immunoprecipitation sequencing (MeDIP-seq): Principles and applications. , 2020, , 157-179.		1
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1304	A six-attribute classification of genetic mosaicism. <i>Genetics in Medicine</i> , 2020, 22, 1743-1757.	1.1	34
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1306	Glycogen accumulation, central carbon metabolism, and aging of hematopoietic stem and progenitor cells. <i>Scientific Reports</i> , 2020, 10, 11597.	1.6	12
1307	Tracking hematopoietic stem cells and their progeny using whole-genome sequencing. <i>Experimental Hematology</i> , 2020, 83, 12-24.	0.2	19
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1309	Cardiac dysfunction in cancer patients: beyond direct cardiomyocyte damage of anticancer drugs: novel cardio-oncology insights from the joint 2019 meeting of the ESC Working Groups of Myocardial Function and Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2020, 116, 1820-1834.	1.8	51
1310	A new sex-specific underlying mechanism for female schizophrenia: accelerated skewed X chromosome inactivation. <i>Biology of Sex Differences</i> , 2020, 11, 39.	1.8	7
1311	FOXO activity adaptation safeguards the hematopoietic stem cell compartment in hyperglycemia. <i>Blood Advances</i> , 2020, 4, 5512-5526.	2.5	7
1312	Fundamental Biological Features of Spaceflight: Advancing the Field to Enable Deep-Space Exploration. <i>Cell</i> , 2020, 183, 1162-1184.	13.5	185
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1317	Splicing factor YBX1 mediates persistence of JAK2-mutated neoplasms. <i>Nature</i> , 2020, 588, 157-163.	13.7	90
1318	Germline genomic patterns are associated with cancer risk, oncogenic pathways, and clinical outcomes. <i>Science Advances</i> , 2020, 6, .	4.7	12
1319	Metabolic Vulnerabilities and Epigenetic Dysregulation in Myeloproliferative Neoplasms. <i>Frontiers in Immunology</i> , 2020, 11, 604142.	2.2	5
1320	Applied genomics in MPN presentation. <i>Hematology American Society of Hematology Education Program</i> , 2020, 2020, 434-439.	0.9	5
1321	Hematopoietic Stem Cell Stress and Regeneration. <i>Current Stem Cell Reports</i> , 2020, 6, 134-143.	0.7	2
1322	Novel DNMT3A Germline Variant in a Patient with Multiple Paragangliomas and Papillary Thyroid Carcinoma. <i>Cancers</i> , 2020, 12, 3304.	1.7	5
1323	Immunogenetics of Atherosclerosis—Link between Lipids, Immunity, and Genes. <i>Current Atherosclerosis Reports</i> , 2020, 22, 53.	2.0	6
1324	Evidence of Clonal Hematopoiesis and Risk of Heart Failure. <i>Current Heart Failure Reports</i> , 2020, 17, 271-276.	1.3	4
1325	Discovery through clinical sequencing in oncology. <i>Nature Cancer</i> , 2020, 1, 774-783.	5.7	29
1326	Clonal haematopoiesis is increased in early onset in systemic sclerosis. <i>Rheumatology</i> , 2020, 59, 3499-3504.	0.9	22
1327	Molecular and functional characteristics of megakaryocytes and platelets in aging. <i>Current Opinion in Hematology</i> , 2020, 27, 302-310.	1.2	2
1328	Mutations in myelodysplastic syndromes: Core abnormalities and CHIPping away at the edges. <i>International Journal of Laboratory Hematology</i> , 2020, 42, 671-684.	0.7	7
1329	High prevalence of clonal hematopoiesis in the blood and bone marrow of healthy volunteers. <i>Blood Advances</i> , 2020, 4, 3550-3557.	2.5	38
1330	Advances in understanding of angioimmunoblastic T-cell lymphoma. <i>Leukemia</i> , 2020, 34, 2592-2606.	3.3	91
1331	Plasma circulating tumor DNA assessment reveals KMT2D as a potential poor prognostic factor in extranodal NK/T-cell lymphoma. <i>Biomarker Research</i> , 2020, 8, 27.	2.8	22
1332	A somatic evolutionary model of the dynamics of aneuploid cells during hematopoietic reconstitution. <i>Scientific Reports</i> , 2020, 10, 12198.	1.6	0

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1334	Clinico-Biological Features and Clonal Hematopoiesis in Patients with Severe COVID-19. <i>Cancers</i> , 2020, 12, 1992.	1.7	24
1335	Impact of Host, Lifestyle and Environmental Factors in the Pathogenesis of MPN. <i>Cancers</i> , 2020, 12, 2038.	1.7	7
1336	Monitoring of clonal evolution of acute myeloid leukemia identifies the leukemia subtype, clinical outcome and potential new drug targets for post-remission strategies or relapse. <i>Haematologica</i> , 2021, 106, 2325-2333.	1.7	18
1337	Clonal Hematopoiesis and Mutations of Myeloproliferative Neoplasms. <i>Cancers</i> , 2020, 12, 2100.	1.7	19
1338	Myeloid neoplasms with germline predisposition: Practical considerations and complications in the search for new susceptibility loci. <i>Best Practice and Research in Clinical Haematology</i> , 2020, 33, 101191.	0.7	6
1339	Clinical utility of target capture-based panel sequencing in hematological malignancies: A multicenter feasibility study. <i>Cancer Science</i> , 2020, 111, 3367-3378.	1.7	11
1340	Clonal hematopoiesis and non-hematologic disorders. <i>Blood</i> , 2020, 136, 1606-1614.	0.6	71
1341	Clonal hematopoiesis in the inherited bone marrow failure syndromes. <i>Blood</i> , 2020, 136, 1615-1622.	0.6	26
1342	Clonal hematopoiesis and risk for hematologic malignancy. <i>Blood</i> , 2020, 136, 1599-1605.	0.6	35
1343	What To Tell Your Patient With Clonal Hematopoiesis And Why: Insights From Two Specialized Clinics. <i>Blood</i> , 2020, 136, 1623-1631.	0.6	23
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1416	Spectrum of driver mutations and clinical impact of circulating tumor DNA analysis in non-small cell lung cancer: Analysis of over 8000 cases. <i>Cancer</i> , 2020, 126, 3219-3228.	2.0	106
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1483	Cellular Therapy in Follicular Lymphoma. <i>Hematology/Oncology Clinics of North America</i> , 2020, 34, 701-714.	0.9	1
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1486	Clonal Hematopoiesis of Indeterminate Potential and Cardiovascular Disease. <i>Current Oncology Reports</i> , 2020, 22, 87.	1.8	2
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1488	Clonal hematopoiesis in myeloma: root of all maladies!. <i>Blood</i> , 2020, 135, 2330-2331.	0.6	2
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1496	Clonal hematopoiesis in cancer. <i>Experimental Hematology</i> , 2020, 83, 105-112.	0.2	24
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1502	The Role of ASXL1/2 and Their Associated Proteins in Malignant Hematopoiesis. <i>Current Stem Cell Reports</i> , 2020, 6, 6-15.	0.7	5
1503	Targeting Age-Related Pathways in Heart Failure. <i>Circulation Research</i> , 2020, 126, 533-551.	2.0	111
1504	Genetic basis for iMCD-TAFRO. <i>Oncogene</i> , 2020, 39, 3218-3225.	2.6	14
1505	Somatic mutations and T-cell clonality in patients with immunodeficiency. <i>Haematologica</i> , 2020, 105, 2757-2768.	1.7	18
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1507	Update on the classification of myeloid neoplasms: The 2016 revised World Health Organization classification of hematopoietic and lymphoid neoplasms. <i>Advances in Cell and Gene Therapy</i> , 2020, 3, e78.	0.6	1
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1510	Inhibition of JAK2 Suppresses Myelopoiesis and Atherosclerosis in ApoE <sup>-/-</sup> Mice. <i>Cardiovascular Drugs and Therapy</i> , 2020, 34, 145-152.	1.3	32
1511	Secondary Acute Myeloid Leukemia. <i>Hematology/Oncology Clinics of North America</i> , 2020, 34, 449-463.	0.9	17
1512	CCAAT enhancer binding protein alpha (CEBPA) biallelic acute myeloid leukaemia: cooperating lesions, molecular mechanisms and clinical relevance. <i>British Journal of Haematology</i> , 2020, 190, 495-507.	1.2	31
1513	Quantifying Hematopoietic Stem Cell Clonal Diversity by Selecting Informative Amplicon Barcodes. <i>Scientific Reports</i> , 2020, 10, 2153.	1.6	4
1514	The clinical impact of mutant DNMT3A R882 variant allele frequency in acute myeloid leukaemia. <i>British Journal of Haematology</i> , 2020, 189, e81-e86.	1.2	5
1515	The Contextualized Genetics of Human Longevity. <i>Journal of the American College of Cardiology</i> , 2020, 75, 968-979.	1.2	25

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1517	Heme oxygenase-1 deficiency triggers exhaustion of hematopoietic stem cells. <i>EMBO Reports</i> , 2020, 21, e47895.	2.0	19
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1519	Engraftment of rare, pathogenic donor hematopoietic mutations in unrelated hematopoietic stem cell transplantation. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	41
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1521	The Medical Genome Reference Bank contains whole genome and phenotype data of 2570 healthy elderly. <i>Nature Communications</i> , 2020, 11, 435.	5.8	47
1522	Age-Associated TET2 Mutations: Common Drivers of Myeloid Dysfunction, Cancer and Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 626.	1.8	42
1523	Genetic cancer predisposition syndromes among older adults. <i>Journal of Geriatric Oncology</i> , 2020, 11, 1054-1060.	0.5	4
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1526	White blood cell and cell-free DNA analyses for detection of residual disease in gastric cancer. <i>Nature Communications</i> , 2020, 11, 525.	5.8	158
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1528	60 Years of clonal hematopoiesis research: From X-chromosome inactivation studies to the identification of driver mutations. <i>Experimental Hematology</i> , 2020, 83, 2-11.	0.2	24
1529	Therapeutic targeting of preleukemia cells in a mouse model of <i>NPM1</i> mutant acute myeloid leukemia. <i>Science</i> , 2020, 367, 586-590.	6.0	145
1530	A genetic development route analysis on MDS subset carrying initial epigenetic gene mutations. <i>Scientific Reports</i> , 2020, 10, 826.	1.6	11
1531	Mutational Mosaics of Cell-Free DNA from Pancreatic Cyst Fluids. <i>Digestive Diseases and Sciences</i> , 2020, 65, 2294-2301.	1.1	6
1532	Clones assemble! The clonal complexity of blood during ontogeny and disease. <i>Experimental Hematology</i> , 2020, 83, 35-47.	0.2	10
1533	Inflamm-ageing: the role of inflammation in age-dependent cardiovascular disease. <i>European Heart Journal</i> , 2020, 41, 2974-2982.	1.0	185

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1535	Understanding intrinsic hematopoietic stem cell aging. <i>Haematologica</i> , 2020, 105, 22-37.	1.7	101
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1541	EM-mosaic detects mosaic point mutations that contribute to congenital heart disease. <i>Genome Medicine</i> , 2020, 12, 42.	3.6	17
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1543	Does clonal hematopoiesis explain unexplained anemia?. <i>Blood</i> , 2020, 135, 1080-1082.	0.6	5
1544	Cancer and myeloid clonal evolution in the short telomere syndromes. <i>Current Opinion in Genetics and Development</i> , 2020, 60, 112-118.	1.5	22
1545	Predisposed genomic instability in pre-treatment bone marrow evolves to therapy-related myeloid neoplasms in malignant lymphoma. <i>Haematologica</i> , 2020, 105, e337-e339.	1.7	7
1546	Target-based genomic profiling of ctDNA from Chinese non-small cell lung cancer patients: a result of real-world data. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 1867-1876.	1.2	5
1547	Acquired Aplastic Anemia as a Clonal Disorder of Hematopoietic Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 472-481.	1.7	6
1548	The epigenetically-encoded memory of the innate immune system. <i>Current Opinion in Immunology</i> , 2020, 65, 7-13.	2.4	24
1549	Genetics of age-related clonal hematopoiesis and atherosclerotic cardiovascular disease. <i>Current Opinion in Cardiology</i> , 2020, 35, 219-225.	0.8	7
1550	Thrombotic Risk Detection in Patients with Polycythemia Vera: The Predictive Role of DNMT3A/TET2/ASXL1 Mutations. <i>Cancers</i> , 2020, 12, 934.	1.7	35
1551	A high definition picture of somatic mutations in chronic lymphoproliferative disorder of natural killer cells. <i>Blood Cancer Journal</i> , 2020, 10, 42.	2.8	22

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1553	Impact of circulating tumor DNA in hepatocellular and pancreatic carcinomas. Journal of Cancer Research and Clinical Oncology, 2020, 146, 1625-1645.	1.2	14
1554	Molecular aberrations in myelodysplastic syndromes. Advances in Cell and Gene Therapy, 2020, 4, e83.	0.6	0
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1556	The role of circulating tumor DNA testing in breast cancer liquid biopsies: getting ready for prime time. Breast Cancer Management, 2020, 9, .	0.2	12
1557	Divergent Effects of Dnmt3a and Tet2 Mutations on Hematopoietic Progenitor Cell Fitness. Stem Cell Reports, 2020, 14, 551-560.	2.3	53
1558	The mutational landscape of normal human endometrial epithelium. Nature, 2020, 580, 640-646.	13.7	338
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1560	Clonal hematopoiesis in elderly twins: concordance, discordance, and mortality. Blood, 2020, 135, 261-268.	0.6	47
1561	Concordance for clonal hematopoiesis is limited in elderly twins. Blood, 2020, 135, 269-273.	0.6	38
1562	Dnmt3a loss and Idh2 neomorphic mutations mutually potentiate malignant hematopoiesis. Blood, 2020, 135, 845-856.	0.6	27
1563	Mutational spectrum and dynamics of clonal hematopoiesis in anemia of older individuals. Blood, 2020, 135, 1161-1170.	0.6	30
1564	Stem cell donors should be screened for CHIP. Blood Advances, 2020, 4, 784-788.	2.5	28
1565	Stem cell donors should not be screened for clonal hematopoiesis. Blood Advances, 2020, 4, 789-792.	2.5	27
1566	Runx1 negatively regulates inflammatory cytokine production by neutrophils in response to Toll-like receptor signaling. Blood Advances, 2020, 4, 1145-1158.	2.5	39
1567	Clonal hematopoiesis predicts development of therapy-related myeloid neoplasms post autologous stem cell transplantation. Blood Advances, 2020, 4, 885-892.	2.5	33
1568	Clinical implications of recurrent gene mutations in acute myeloid leukemia. Experimental Hematology and Oncology, 2020, 9, 4.	2.0	47
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1571	Comprehensive diagnostics of acute myeloid leukemia by whole transcriptome RNA sequencing. <i>Leukemia</i> , 2021, 35, 47-61.	3.3	47
1572	The Role of Somatic Mutations in Acute Myeloid Leukemia Pathogenesis. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2021, 11, a034975.	2.9	8
1573	Mouse Models of Myeloid Malignancies. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2021, 11, a035535.	2.9	3
1574	The ASXL1-G643W variant accelerates the development of CEBPA mutant acute myeloid leukemia. <i>Haematologica</i> , 2021, 106, 1000-1007.	1.7	9
1575	Molecular Pathogenesis and Treatment of Myelodysplastic Syndromes. <i>Internal Medicine</i> , 2021, 60, 15-23.	0.3	1
1576	Bone marrow contribution to the heart from development to adulthood. <i>Seminars in Cell and Developmental Biology</i> , 2021, 112, 16-26.	2.3	2
1577	Therapy-related myelodysplastic syndromes deserve specific diagnostic sub-classification and risk-stratification—an approach to classification of patients with t-MDS. <i>Leukemia</i> , 2021, 35, 835-849.	3.3	54
1578	Nox2+ myeloid cells drive vascular inflammation and endothelial dysfunction in heart failure after myocardial infarction via angiotensin II receptor type 1. <i>Cardiovascular Research</i> , 2021, 117, 162-177.	1.8	28
1579	Grade 2 acute GVHD is a factor of good prognosis in patients receiving peripheral blood stem cells haplo-transplant with post-transplant cyclophosphamide. <i>Acta Oncologica</i> , 2021, 60, 466-474.	0.8	4
1580	Immunometabolic control of hematopoiesis. <i>Molecular Aspects of Medicine</i> , 2021, 77, 100923.	2.7	22
1581	Clonal Hematopoiesis—Driver DNMT3A Mutations Alter Immune Cells in Heart Failure. <i>Circulation Research</i> , 2021, 128, 216-228.	2.0	129
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1583	The clinical implications of clonal hematopoiesis in hematopoietic cell transplantation. <i>Blood Reviews</i> , 2021, 46, 100744.	2.8	16
1584	Premature Menopause, Clonal Hematopoiesis, and Coronary Artery Disease in Postmenopausal Women. <i>Circulation</i> , 2021, 143, 410-423.	1.6	87
1585	In Vivo Clonal Analysis of Aged Hematopoietic Stem Cells: Single-Cell Transplantation. <i>Methods in Molecular Biology</i> , 2021, 2185, 181-194.	0.4	0
1586	Effect of donor age and kinship on outcomes in haplo-identical stem cell transplantation may be modulated by GVHD prophylaxis strategies. <i>Bone Marrow Transplantation</i> , 2021, 56, 689-691.	1.3	1
1587	Designing Evolutionary-based Interception Strategies to Block the Transition from Precursor Phases to Multiple Myeloma. <i>Clinical Cancer Research</i> , 2021, 27, 15-23.	3.2	20

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1589	Next-generation sequencing in the diagnosis of non-cirrhotic splanchnic vein thrombosis. <i>Journal of Hepatology</i> , 2021, 74, 89-95.	1.8	25
1590	The Origin of Ovarian Cancer Species and Precancerous Landscape. <i>American Journal of Pathology</i> , 2021, 191, 26-39.	1.9	102
1591	Challenging the concept of de novo acute myeloid leukemia: Environmental and occupational leukemogens hiding in our midst. <i>Blood Reviews</i> , 2021, 47, 100760.	2.8	7
1592	IDH1/2 mutations in acute myeloid leukemia patients and risk of coronary artery disease and cardiac dysfunction—a retrospective propensity score analysis. <i>Leukemia</i> , 2021, 35, 1301-1316.	3.3	30
1593	Frequent mutations in HLA and related genes in extranodal NK/T cell lymphomas. <i>Leukemia and Lymphoma</i> , 2021, 62, 95-103.	0.6	12
1594	Cellular heterogeneity and microenvironmental control of skin cancer. <i>Journal of Internal Medicine</i> , 2021, 289, 614-628.	2.7	8
1595	Identification of genetic targets in acute myeloid leukaemia for designing targeted therapy. <i>British Journal of Haematology</i> , 2021, 192, 137-145.	1.2	6
1596	<i>TP53</i> , a gene for colorectal cancer predisposition in the absence of Li-Fraumeni-associated phenotypes. <i>Gut</i> , 2021, 70, 1139-1146.	6.1	10
1597	High frequency of clonal hematopoiesis in Erdheim-Chester disease. <i>Blood</i> , 2021, 137, 485-492.	0.6	30
1598	Myelodysplastic syndromes: ESMO Clinical Practice Guidelines for diagnosis, treatment and follow-up. <i>Annals of Oncology</i> , 2021, 32, 142-156.	0.6	75
1599	Clonal haematopoiesis in chronic ischaemic heart failure: prognostic role of clone size for <i>DNMT3A</i> - and <i>TET2</i> -driver gene mutations. <i>European Heart Journal</i> , 2021, 42, 257-265.	1.0	83
1600	Clinical insights into the origins of thrombosis in myeloproliferative neoplasms. <i>Blood</i> , 2021, 137, 1145-1153.	0.6	52
1601	Cause and effect in epigenetics — where lies the truth, and how can experiments reveal it?. <i>BioEssays</i> , 2021, 43, e2000262.	1.2	3
1602	Detection and Diagnostic Utilization of Cellular and Cell-Free Tumor DNA. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2021, 16, 199-222.	9.6	16
1603	Laboratory quality assessment of candidate gene panel testing for acute myeloid leukaemia: a joint ALLG / RCPAQAP initiative. <i>Pathology</i> , 2021, 53, 487-492.	0.3	0
1604	Genomic profiling identifies somatic mutations predicting thromboembolic risk in patients with solid tumors. <i>Blood</i> , 2021, 137, 2103-2113.	0.6	57
1605	Tumor-only sequencing for oncology management: Germline-focused analysis and implications. <i>Genes Chromosomes and Cancer</i> , 2021, 60, 352-357.	1.5	4



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1608	The effect of age on the acquisition and selection of cancer driver mutations in sun-exposed normal skin. Annals of Oncology, 2021, 32, 412-421.	0.6	29
1609	Clonal tracking of haematopoietic cells: insights and clinical implications. British Journal of Haematology, 2021, 192, 819-831.	1.2	10
1610	TET2: A cornerstone in normal and malignant hematopoiesis. Cancer Science, 2021, 112, 31-40.	1.7	25
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1612	Overlooking the obvious? On the potential of treatment alterations to predict patient-specific therapy response. Experimental Hematology, 2021, 94, 26-30.	0.2	6
1613	Persistent inflammatory and non-inflammatory mechanisms in refractory rheumatoid arthritis. Nature Reviews Rheumatology, 2021, 17, 17-33.	3.5	118
1614	Human hematopoiesis: aging and leukemogenic risk. Current Opinion in Hematology, 2021, 28, 57-63.	1.2	10
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1616	A biclonal case of chronic lymphocytic leukaemia with discordant mutational status of the immunoglobulin heavy chain variable region and bimodal CD49d expression. British Journal of Haematology, 2021, 192, e77-e81.	1.2	1
1617	Genetic complexity of chronic myelomonocytic leukemia. Leukemia and Lymphoma, 2021, 62, 1031-1045.	0.6	4
1618	Clonal haematopoiesis and cardiovascular disease: how low can you go?. European Heart Journal, 2021, 42, 266-268.	1.0	7
1619	Comment on "Next-generation sequencing in the diagnosis of non-cirrhotic splanchnic vein thrombosis". Journal of Hepatology, 2021, 74, 249-250.	1.8	0
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1622	Integrating genetic and non-genetic determinants of cancer evolution by single-cell multi-omics. Nature Reviews Genetics, 2021, 22, 3-18.	7.7	228
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1626	Integrating clonal haematopoiesis into geriatric oncology: The ARCH between aging, cardiovascular disease and malignancy. <i>Journal of Geriatric Oncology</i> , 2021, 12, 479-482.	0.5	2
1627	Ageing and atherosclerosis: vascular intrinsic and extrinsic factors and potential role of IL-6. <i>Nature Reviews Cardiology</i> , 2021, 18, 58-68.	6.1	187
1628	Germline DNMT3A mutation in familial acute myeloid leukaemia. <i>Epigenetics</i> , 2021, 16, 567-576.	1.3	9
1629	Pathogenic postzygotic mosaicism in the tyrosine receptor kinase pathway: potential unidentified human disease hidden away in a few cells. <i>FEBS Journal</i> , 2021, 288, 3108-3119.	2.2	7
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1632	Diagnosis and Classification of AML: WHO 2016. <i>Hematologic Malignancies</i> , 2021, , 23-54.	0.2	1
1633	Clonal Cytopenia of Undetermined Significance in a Patient with Congenital Wilms' Tumor 1 and Acquired DNMT3A Gene Mutations. <i>Internal Medicine</i> , 2021, 60, 3785-3788.	0.3	0
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1635	Genome editing in cardiovascular diseases. <i>Progress in Molecular Biology and Translational Science</i> , 2021, 181, 289-308.	0.9	53
1636	Lessons Learned from the Jackson Heart Study. <i>Contemporary Cardiology</i> , 2021, , 105-122.	0.0	0
1637	Stem Cell Biology in Bone Marrow Transplantation. <i>Organ and Tissue Transplantation</i> , 2021, , 29-42.	0.0	0
1638	Hereditary cancer syndrome-associated pathogenic variants are common in patients with hematologic malignancies subsequent to primary solid cancer. <i>Journal of Cancer</i> , 2021, 12, 4288-4294.	1.2	0
1639	The relationship between red cell distribution width and prognostic scores in myelodysplastic syndrome. <i>Hematology, Transfusion and Cell Therapy</i> , 2022, 44, 332-335.	0.1	6
1640	Cytogenetic and molecular aberrations and worse outcome for male patients in systemic mastocytosis. <i>Theranostics</i> , 2021, 11, 292-303.	4.6	26
1641	Molecular understanding of peripheral T-cell lymphomas, not otherwise specified (PTCL, NOS): A complex disease category. <i>Journal of Clinical and Experimental Hematopathology: JCEH</i> , 2021, 61, 61-70.	0.3	3

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1644	Detectable chromosome X mosaicism in males is rarely tolerated in peripheral leukocytes. <i>Scientific Reports</i> , 2021, 11, 1193.	1.6	13
1645	Epigenetic modifiers in normal and aberrant erythropoiesis. <i>Seminars in Hematology</i> , 2021, 58, 15-26.	1.8	1
1646	Impact of Conditioning Intensity and Genomics on Relapse After Allogeneic Transplantation for Patients With Myelodysplastic Syndrome. <i>JCO Precision Oncology</i> , 2021, 5, 265-274.	1.5	13
1647	Development of Philadelphia chromosome-negative acute myeloid leukemia with IDH2 and NPM1 mutations in a patient with chronic myeloid leukemia who showed a major molecular response to tyrosine kinase inhibitor therapy. <i>International Journal of Hematology</i> , 2021, 113, 936-940.	0.7	1
1648	Myelodysplastic syndromes with ring sideroblasts (<scp>MDSâ€RS</scp>) and <scp>MDS</scp>/myeloproliferative neoplasm with <scp>RS</scp> and thrombocytosis (<scp>MDS/MPNâ€RSâ€T</scp>) â€“ â€œ<scp>2021</scp> update on diagnosis, riskâ€stratification, and managementâ€•. <i>American Journal of Hematology</i> , 2021, 96, 379-394.	2.0	29
1649	Association of Clonal Hematopoiesis in DNA Repair Genes With Prostate Cancer Plasma Cell-free DNA Testing Interference. <i>JAMA Oncology</i> , 2021, 7, 107.	3.4	90
1650	Acute Myeloid Leukemia. , 2021, , 275-304.		0
1651	Hypoplastic Myelodysplastic Syndromes: Just an Overlap Syndrome?. <i>Cancers</i> , 2021, 13, 132.	1.7	20
1653	Tumors: Lymphomas. , 2021, , 1-10.		0
1654	Changes in full blood count parameters with age and sex: results of a survey of almost 900Â000 patient samples from primary care. <i>British Journal of Haematology</i> , 2021, 192, e102-e105.	1.2	8
1655	Hyperglycemia cooperates with Tet2 heterozygosity to induce leukemia driven by proinflammatory cytokineâ€“induced lncRNA Morbid. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	18
1656	Lessons from mouse models of MPN. <i>International Review of Cell and Molecular Biology</i> , 2022, 366, 125-185.	1.6	2
1657	Development and validation of a sequential two-step algorithm for the screening of individuals with potential polycythaemia vera. <i>Scientific Reports</i> , 2021, 11, 209.	1.6	2
1658	<i>TP53</i> mutated myeloid malignancies and their treatment strategy. <i>Journal of Hematopoietic Cell Transplantation</i> , 2021, 10, 7-15.	0.1	0
1659	Acute Myeloid Leukemia. , 2021, , 110-141.		0
1660	Future Developments: Measurable Residual Disease. <i>Hematologic Malignancies</i> , 2021, , 317-337.	0.2	0

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1661	Evolutionary perspectives on cancer and aging. , 2021, , 97-115.		0
1662	Haematopoietic ageing through the lens of single-cell technologies. DMM Disease Models and Mechanisms, 2021, 14, .	1.2	6
1663	A New Perspective on the Origin of DNA Double-Strand Breaks and Its Implications for Ageing. Genes, 2021, 12, 163.	1.0	5
1664	TET-Mediated Epigenetic Regulation in Immune Cell Development and Disease. Frontiers in Cell and Developmental Biology, 2020, 8, 623948.	1.8	27
1665	Poor mobilization of autologous CD34 <sup>+</sup> peripheral blood stem cells in haematology patients undergoing autologous stem cell transplantation is associated with the presence of variants in genes implicated in clonal haematopoiesis of indeterminant potential. British Journal of Haematology, 2021, 193, 841-844.	1.2	6
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1668	Immunophenotypic Spectrum and Genomic Landscape of Refractory Celiac Disease Type II. American Journal of Surgical Pathology, 2021, 45, 905-916.	2.1	24
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1670	Clonal expansion in non-cancer tissues. Nature Reviews Cancer, 2021, 21, 239-256.	12.8	133
1671	Flow cytometric immunophenotypic alterations of persistent clonal haematopoiesis in remission bone marrows of patients with <i>NPM1</i> mutated acute myeloid leukaemia. British Journal of Haematology, 2021, 192, 1054-1063.	1.2	28
1672	Clonal Hematopoiesis and Premature Menopause. Circulation, 2021, 143, 424-426.	1.6	1
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1674	Optimizing Donor Choice and GVHD Prophylaxis in Allogeneic Hematopoietic Cell Transplantation. Journal of Clinical Oncology, 2021, 39, 373-385.	0.8	11
1675	Early detection of T-cell lymphoma with T follicular helper phenotype by RHOA mutation analysis. Haematologica, 2022, 107, 489-499.	1.7	20
1676	Nonâ€genetic heterogeneity, altered cell fate and differentiation therapy. EMBO Molecular Medicine, 2021, 13, e12670.	3.3	22
1677	Applications of next-generation sequencing in hematologic malignancies. Human Immunology, 2021, 82, 859-870.	1.2	8
1678	Circulating tumour DNA in Bâ€cell lymphomas: current state and future prospects. British Journal of Haematology, 2021, 193, 867-881.	1.2	11
1680	From Clonal Hematopoiesis to Therapy-Related Myeloid Neoplasms: The Silent Way of Cancer Progression. Biology, 2021, 10, 128.	1.3	5

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1682	Crucial role of hematopoietic <i>JAK2</i> V617F in the development of aortic aneurysms. <i>Haematologica</i> , 2021, 106, 1910-1922.	1.7	16
1683	Thromboembolic Adverse Drug Reactions in Janus Kinase (JAK) Inhibitors: Does the Inhibitor Specificity Play a Role?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2449.	1.8	30
1684	Mitochondrial DNA Content Is Linked to Cardiovascular Disease Patient Phenotypes. <i>Journal of the American Heart Association</i> , 2021, 10, e018776.	1.6	11
1685	High prevalence of clonal hematopoiesis-type genomic abnormalities in cell-free <sup>DNA</sup> in invasive gliomas after treatment. <i>International Journal of Cancer</i> , 2021, 148, 2839-2847.	2.3	19
1686	The vasculature: a therapeutic target in heart failure?. <i>Cardiovascular Research</i> , 2022, 118, 53-64.	1.8	26
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1689	Distinct genetic pathways define pre-malignant versus compensatory clonal hematopoiesis in Shwachman-Diamond syndrome. <i>Nature Communications</i> , 2021, 12, 1334.	5.8	103
1690	Precision Medicine in Hematology 2021: Definitions, Tools, Perspectives, and Open Questions. <i>HemaSphere</i> , 2021, 5, e536.	1.2	11
1691	The Genomic Landscape of Myeloid Malignancies: Options for Pan-myeloid Therapies?. <i>HemaSphere</i> , 2021, 5, e537.	1.2	0
1693	Molecular Medicine: Found in Translation. <i>Med</i> , 2021, 2, 122-136.	2.2	13
1694	Colchicine in Patients with Chronic Coronary Disease. <i>New England Journal of Medicine</i> , 2021, 384, 776-779.	13.9	12
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1696	Insights into the molecular profiles of adult and paediatric acute myeloid leukaemia. <i>Molecular Oncology</i> , 2021, 15, 2253-2272.	2.1	10
1697	Descriptive and Functional Genomics in Acute Myeloid Leukemia (AML): Paving the Road for a Cure. <i>Cancers</i> , 2021, 13, 748.	1.7	8
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1703	Reconstructing the Lineage Histories and Differentiation Trajectories of Individual Cancer Cells in Myeloproliferative Neoplasms. <i>Cell Stem Cell</i> , 2021, 28, 514-523.e9.	5.2	130
1705	Novel therapeutic targets for chronic myelomonocytic leukemia. <i>Best Practice and Research in Clinical Haematology</i> , 2021, 34, 101244.	0.7	2
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1707	Identification of leukemic and pre-leukemic stem cells by clonal tracking from single-cell transcriptomics. <i>Nature Communications</i> , 2021, 12, 1366.	5.8	69
1708	Anti-CD117 immunotherapy to eliminate hematopoietic and leukemia stem cells. <i>Experimental Hematology</i> , 2021, 95, 31-45.	0.2	15
1709	Full spectrum of clonal haematopoiesisâ€driver mutations in chronic heart failure and their associations with mortality. <i>ESC Heart Failure</i> , 2021, 8, 1873-1884.	1.4	26
1710	Frequent somatic <i>TET2</i> mutations in chronic NK-LGL leukemia with distinct patterns of cytopenias. <i>Blood</i> , 2021, 138, 662-673.	0.6	30
1711	Pre-Leukemic States: United by Difference. <i>Cancers</i> , 2021, 13, 1382.	1.7	0
1712	Transcriptomic and genomic heterogeneity in blastic plasmacytoid dendritic cell neoplasms: from ontogeny to oncogenesis. <i>Blood Advances</i> , 2021, 5, 1540-1551.	2.5	35
1713	Mutant ASXL1 induces age-related expansion of phenotypic hematopoietic stem cells through activation of Akt/mTOR pathway. <i>Nature Communications</i> , 2021, 12, 1826.	5.8	54
1714	Higher red blood cell distribution width at diagnose is a simple negative prognostic factor in chronic phase-chronic myeloid leukemia patients treated with tyrosine kinase inhibitors. <i>Medicine (United States)</i> , 2021, 100, 1000000.	0.4	10
1715	Treatment options for older unfit patients with acute myeloid leukemia. <i>Future Oncology</i> , 2021, 17, 837-851.	1.1	0
1716	Somatic Genetic Mosaicism in the Apolipoprotein E-null Mouse Aorta. <i>Thrombosis and Haemostasis</i> , 2021, 121, 1541-1553.	1.8	0
1717	Genetic Predisposition to Myelodysplastic Syndromes: A Challenge for Adult Hematologists. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2525.	1.8	2
1718	Mayo Clinic experience with 1123 adults with acute myeloid leukemia. <i>Blood Cancer Journal</i> , 2021, 11, 46.	2.8	6
1719	Molecular alterations governing predisposition to myelodysplastic syndromes: Insights from Shwachman-Diamond syndrome. <i>Best Practice and Research in Clinical Haematology</i> , 2021, 34, 101252.	0.7	2

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1722	Large-scale Identification of Clonal Hematopoiesis and Mutations Recurrent in Blood Cancers. <i>Blood Cancer Discovery</i> , 2021, 2, 226-237.	2.6	22
1723	When Tissue is an Issue the Liquid Biopsy is Nonissue: A Review. <i>Oncology and Therapy</i> , 2021, 9, 89-110.	1.0	36
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1725	Modeling and targeting of erythroleukemia by hematopoietic genome editing. <i>Blood</i> , 2021, 137, 1628-1640.	0.6	25
1726	Somatic mutations in lymphocytes in patients with immune-mediated aplastic anemia. <i>Leukemia</i> , 2021, 35, 1365-1379.	3.3	41
1727	The association between family history and genomic burden with schizophrenia mortality: a Swedish population-based register and genetic sample study. <i>Translational Psychiatry</i> , 2021, 11, 163.	2.4	0
1729	Ultrasensitive circulating tumor DNA analysis enables precision medicine: experimental workflow considerations. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 299-310.	1.5	23
1730	Mechanisms of Resistance of New Target Drugs in Acute Myeloid Leukemia. , 0, , .		0
1731	The PML-RARA fusion is not detectable in historical blood samples of acute promyelocytic leukaemia patients. <i>Annals of Hematology</i> , 2021, , 1.	0.8	0
1732	Hematopoietic Stem Cell Heterogeneity Is Linked to the Initiation and Therapeutic Response of Myeloproliferative Neoplasms. <i>Cell Stem Cell</i> , 2021, 28, 502-513.e6.	5.2	36
1733	Global DNA hypermethylation in peripheral blood mononuclear cells and cardiovascular disease risk: a population-based propensity score-matched cohort study. <i>Journal of Epidemiology and Community Health</i> , 2021, 75, 890-895.	2.0	6
1734	Healthy Lifestyle and Clonal Hematopoiesis of Indeterminate Potential: Results From the Women's Health Initiative. <i>Journal of the American Heart Association</i> , 2021, 10, e018789.	1.6	43
1735	Clonal Hematopoiesis and JAK2V617F Mutations in Patients With Cardiovascular Disease. <i>JACC: CardioOncology</i> , 2021, 3, 134-136.	1.7	10
1736	Myelodysplasia Syndrome, Clonal Hematopoiesis and Cardiovascular Disease. <i>Cancers</i> , 2021, 13, 1968.	1.7	9
1737	Dnmt3a deficiency in the skin causes focal, canonical DNA hypomethylation and a cellular proliferation phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2022760118.	3.3	6
1738	Precision medicine in myeloid malignancies. <i>Seminars in Cancer Biology</i> , 2022, 84, 153-169.	4.3	18

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1740	What's new in the pathogenesis and treatment of therapy-related myeloid neoplasms. <i>Blood</i> , 2021, 138, 749-757.	0.6	23
1741	Murine Modeling of Myeloproliferative Neoplasms. <i>Hematology/Oncology Clinics of North America</i> , 2021, 35, 253-265.	0.9	0
1742	Clonal haematopoiesis and cardiovascular diseases: A growing relationship. <i>Archives of Cardiovascular Diseases</i> , 2021, 114, 316-324.	0.7	1
1743	Metabolic Regulation of Stem Cells in Aging. <i>Current Stem Cell Reports</i> , 2021, 7, 72-84.	0.7	3
1744	Pharmacological Inhibition of WIP1 Sensitizes Acute Myeloid Leukemia Cells to the MDM2 Inhibitor Nutlin-3a. <i>Biomedicines</i> , 2021, 9, 388.	1.4	6
1745	Clonal Hematopoiesis and Risk of Progression of Heart Failure With Reduced Left Ventricular Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1747-1759.	1.2	111
1746	Assessing the Role of Rare Genetic Variation in Patients With Heart Failure. <i>JAMA Cardiology</i> , 2021, 6, 379.	3.0	37
1747	Prevalence, predictors, and outcomes of clonal hematopoiesis in individuals aged $\geq 80$ years. <i>Blood Advances</i> , 2021, 5, 2115-2122.	2.5	44
1748	Difference in gene mutation profile in patients with refractory/relapsed versus newly diagnosed acute myeloid leukemia based on targeted next-generation sequencing. <i>Leukemia and Lymphoma</i> , 2021, 62, 1-12.	0.6	1
1749	Authors' Reply to Moura et al.: "Safety of Janus Kinase Inhibitors in Older Patients: A Focus on the Thromboembolic Risk". <i>Drugs and Aging</i> , 2021, 38, 539-541.	1.3	0
1750	Stem cell concepts in myelodysplastic syndromes: lessons and challenges. <i>Journal of Internal Medicine</i> , 2021, 289, 650-661.	2.7	2
1751	Myeloproliferative neoplasms and clonal haematopoiesis in patients with giant cell arteritis: a case-control and exploratory study. <i>Rheumatology</i> , 2022, 61, 775-780.	0.9	11
1752	Clonal haematopoiesis and atherosclerosis: a chicken or egg question?. <i>Nature Reviews Cardiology</i> , 2021, 18, 463-464.	6.1	15
1753	<i>CBL</i> mutations drive PI3K/AKT signaling via increased interaction with LYN and PIK3R1. <i>Blood</i> , 2021, 137, 2209-2220.	0.6	18
1754	The changing landscape of atherosclerosis. <i>Nature</i> , 2021, 592, 524-533.	13.7	921
1755	Recurrent somatic mutations and low germline predisposition mutations in Korean ALL patients. <i>Scientific Reports</i> , 2021, 11, 8893.	1.6	4
1757	Importance of clonal hematopoiesis in heart failure. <i>Trends in Cardiovascular Medicine</i> , 2022, 32, 198-203.	2.3	7



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1759	Disease modifying agents of myeloproliferative neoplasms: a review. <i>Blood Research</i> , 2021, 56, S26-S33.	0.5	8
1760	Epigenetics in a Spectrum of Myeloid Diseases and Its Exploitation for Therapy. <i>Cancers</i> , 2021, 13, 1746.	1.7	7
1762	Myeloid somatic mutation panel testing in myeloproliferative neoplasms. <i>Pathology</i> , 2021, 53, 339-348.	0.3	13
1763	Red cell distribution width is associated with mortality in non-anaemic patients with COVID-19. <i>Journal of Medical Virology</i> , 2021, 93, 4130-4132.	2.5	9
1764	Yin and Yang: The dual effects of interferons on hematopoiesis. <i>Experimental Hematology</i> , 2021, 96, 1-12.	0.2	38
1765	The pathobiology of thrombosis, microvascular disease, and hemorrhage in the myeloproliferative neoplasms. <i>Blood</i> , 2021, 137, 2152-2160.	0.6	51
1766	Clonal haematopoiesis of indeterminate potential: intersections between inflammation, vascular disease and heart failure. <i>Clinical Science</i> , 2021, 135, 991-1007.	1.8	18
1767	Epigenetic Dysregulation of Myeloproliferative Neoplasms. <i>Hematology/Oncology Clinics of North America</i> , 2021, 35, 237-251.	0.9	4
1768	Induced pluripotent stem cell models of myeloid malignancies and clonal evolution. <i>Stem Cell Research</i> , 2021, 52, 102195.	0.3	4
1769	Epigenome Chaos: Stochastic and Deterministic DNA Methylation Events Drive Cancer Evolution. <i>Cancers</i> , 2021, 13, 1800.	1.7	13
1770	Clonal haematopoiesis of emerging significance. <i>Pathology</i> , 2021, 53, 300-311.	0.3	9
1771	How I Treat Adult Acute Myeloid Leukemia. <i>Indian Journal of Medical and Paediatric Oncology</i> , 2021, 42, 182-189.	0.1	1
1772	Genetics of Myeloproliferative Neoplasms. <i>Hematology/Oncology Clinics of North America</i> , 2021, 35, 217-236.	0.9	13
1773	Thrombotic, Vascular, and Bleeding Complications of the Myeloproliferative Neoplasms. <i>Hematology/Oncology Clinics of North America</i> , 2021, 35, 305-324.	0.9	7
1774	Recurrent deletions in clonal hematopoiesis are driven by microhomology-mediated end joining. <i>Nature Communications</i> , 2021, 12, 2455.	5.8	23
1775	An Evolutionary Approach to Clonally Complex Hematologic Disorders. <i>Blood Cancer Discovery</i> , 2021, 2, 201-215.	2.6	6
1776	Genetic Aspects of Myelodysplastic/Myeloproliferative Neoplasms. <i>Cancers</i> , 2021, 13, 2120.	1.7	10

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1778	Mutations in chronic myelomonocytic leukemia and their prognostic relevance. <i>Clinical and Translational Oncology</i> , 2021, 23, 1731-1742.	1.2	7
1779	Clinical, molecular, and prognostic comparisons between CCUS and lower-risk MDS: a study of 187 molecularly annotated patients. <i>Blood Advances</i> , 2021, 5, 2272-2278.	2.5	19
1780	Posttransplantation MRD monitoring in patients with AML by next-generation sequencing using DTA and non-DTA mutations. <i>Blood Advances</i> , 2021, 5, 2294-2304.	2.5	60
1781	Clonal evolution and clinical implications of genetic abnormalities in blastic transformation of chronic myeloid leukaemia. <i>Nature Communications</i> , 2021, 12, 2833.	5.8	39
1782	Recent Advances in the Use of Molecular Analyses to Inform the Diagnosis and Prognosis of Patients with Polycythaemia Vera. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5042.	1.8	14
1783	Liquid biopsy in cholangiocarcinoma: Current status and future perspectives. <i>World Journal of Gastrointestinal Oncology</i> , 2021, 13, 332-350.	0.8	29
1784	Inflammation-Induced Tumorigenesis and Metastasis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5421.	1.8	88
1785	Aged hematopoietic stem cells are refractory to bloodborne systemic rejuvenation interventions. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	48
1786	Acute myeloid leukaemia in patients we judge as being older and/or unfit. <i>Journal of Internal Medicine</i> , 2021, 290, 279-293.	2.7	7
1787	Can Novel Insights into the Pathogenesis of Myeloproliferative Neoplasm-Related Thrombosis Inform Novel Treatment Approaches?. <i>Hemato</i> , 2021, 2, 305-328.	0.2	3
1788	FLT3â€”TD mutations in acute myeloid leukaemia â€” molecular characteristics, distribution and numerical variation. <i>Molecular Oncology</i> , 2021, 15, 2300-2317.	2.1	5
1791	Circulating Tumor DNA Testing for Homology Recombination Repair Genes in Prostate Cancer: From the Lab to the Clinic. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5522.	1.8	12
1793	Somatic Mutations in â€œBenignâ€”Disease. <i>New England Journal of Medicine</i> , 2021, 384, 2039-2052.	13.9	111
1794	Genetic and Clinical Studies of Patients With Increased Multinucleated Megakaryocytes in Bone Marrow as an Isolated Finding. <i>American Journal of Surgical Pathology</i> , 2021, Publish Ahead of Print, 1534-1540.	2.1	1
1795	The association between heart failure and incident cancer in women: an analysis of the Women's Health Initiative. <i>European Journal of Heart Failure</i> , 2021, 23, 1712-1721.	2.9	19
1796	Whole-genome sequencing analysis of semi-supercentenarians. <i>ELife</i> , 2021, 10, .	2.8	37
1797	ENVIRONMENTAL ASPECTS IN MYELODYSPLASTIC SYNDROME. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5202.	1.8	0

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1798	Common clonal origin of chronic myelomonocytic leukemia and B-cell acute lymphoblastic leukemia in a patient with a germline CHEK2 variant. <i>Journal of Physical Education and Sports Management</i> , 2021, 7, a006090.	0.5	4
1799	Clonal hematopoiesis associated with epigenetic aging and clinical outcomes. <i>Aging Cell</i> , 2021, 20, e13366.	3.0	72
1800	Editorial commentary: A heartbreaking relationship: Clonal hematopoiesis and heart failure. <i>Trends in Cardiovascular Medicine</i> , 2022, 32, 204-205.	2.3	0
1801	Haematologic malignancies with unfavourable gene mutations benefit from donor lymphocyte infusion with/without decitabine for prophylaxis of relapse after allogeneic HSCT: A pilot study. <i>Cancer Medicine</i> , 2021, 10, 3165-3176.	1.3	8
1802	Sensitivity, specificity, and accuracy of a liquid biopsy approach utilizing molecular amplification pools. <i>Scientific Reports</i> , 2021, 11, 10761.	1.6	24
1803	Bone Marrow Transplantation Procedures in Mice to Study Clonal Hematopoiesis. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	10
1804	Interplay between inflammation and thrombosis in cardiovascular pathology. <i>Nature Reviews Cardiology</i> , 2021, 18, 666-682.	6.1	337
1805	DNMT3A haploinsufficiency causes dichotomous DNA methylation defects at enhancers in mature human immune cells. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	16
1806	Clonal hematopoiesis and therapy-related myeloid neoplasms following neuroblastoma treatment. <i>Blood</i> , 2021, 137, 2992-2997.	0.6	19
1807	Splicing regulation in hematopoiesis. <i>Current Opinion in Hematology</i> , 2021, 28, 277-283.	1.2	2
1808	Indolent feature of <i>Helicobacter pylori</i> -uninfected intramucosal signet ring cell carcinomas with <i>CDH1</i> mutations. <i>Gastric Cancer</i> , 2021, 24, 1102-1114.	2.7	13
1809	Why chronic myeloid leukaemia cannot be cured by tyrosine kinase-inhibitors. <i>Leukemia</i> , 2021, 35, 2199-2204.	3.3	11
1810	Germline risk of clonal haematopoiesis. <i>Nature Reviews Genetics</i> , 2021, 22, 603-617.	7.7	48
1811	Epigenetic Regulation of Genomic Stability by Vitamin C. <i>Frontiers in Genetics</i> , 2021, 12, 675780.	1.1	45
1812	Hotspot DNMT3A mutations in clonal hematopoiesis and acute myeloid leukemia sensitize cells to azacytidine via viral mimicry response. <i>Nature Cancer</i> , 2021, 2, 527-544.	5.7	37
1813	Loss of a 7q gene, <i>CUX1</i> , disrupts epigenetically driven DNA repair and drives therapy-related myeloid neoplasms. <i>Blood</i> , 2021, 138, 790-805.	0.6	13
1814	Liquid biopsy in lymphoma: Is it primed for clinical translation?. <i>EJHaem</i> , 2021, 2, 616-627.	0.4	6
1815	Pathologic Spectrum and Molecular Landscape of Myeloid Disorders Harboring <i>SF3B1</i> Mutations. <i>American Journal of Clinical Pathology</i> , 2021, 156, 679-690.	0.4	10

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1816	Genomic analysis of cellular hierarchy in acute myeloid leukemia using ultrasensitive LC-FACSeq. <i>Leukemia</i> , 2021, 35, 3406-3420.	3.3	3
1817	Innate immune pathways and inflammation in hematopoietic aging, clonal hematopoiesis, and MDS. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	88
1818	Marrow failure and aging: The role of "Inflammaging". <i>Best Practice and Research in Clinical Haematology</i> , 2021, 34, 101283.	0.7	4
1819	Clonal hematopoiesis in patients with COVID-19 is stable and not linked to an aggravated clinical course. <i>American Journal of Hematology</i> , 2021, 96, E331-E333.	2.0	14
1820	Liquid biopsy for therapy monitoring in early-stage non-small cell lung cancer. <i>Molecular Cancer</i> , 2021, 20, 82.	7.9	58
1821	Immature acute leukaemias: lessons from the haematopoietic roadmap. <i>FEBS Journal</i> , 2022, 289, 4355-4370.	2.2	2
1822	Vascular Impact of Cancer Therapies: The Case of BTK (Bruton Tyrosine Kinase) Inhibitors. <i>Circulation Research</i> , 2021, 128, 1973-1987.	2.0	10
1823	Mutations known from B-cell lymphoid malignancies are not found in CD34 <sup>+</sup> stem cells from patients with lymphoma. <i>Leukemia and Lymphoma</i> , 2021, 62, 2808-2811.	0.6	1
1824	Inflammation as a regulator of hematopoietic stem cell function in disease, aging, and clonal selection. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	113
1825	CAR-HEMATOTOX: a model for CAR T-cell-related hematologic toxicity in relapsed/refractory large B-cell lymphoma. <i>Blood</i> , 2021, 138, 2499-2513.	0.6	160
1826	Epigenetic deregulation in myeloid malignancies. <i>Blood</i> , 2021, 138, 613-624.	0.6	8
1827	Resilience of the Internal Mammary Artery to Atherogenesis: Shifting From Risk to Resistance to Address Unmet Needs. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2237-2251.	1.1	16
1828	Current Concepts of Pathogenesis and Treatment of Philadelphia Chromosome-Negative Myeloproliferative Neoplasms. <i>Hamostaseologie</i> , 2021, 41, 197-205.	0.9	2
1829	Nucleophosmin1 and isocitrate dehydrogenase 1 and 2 as measurable residual disease markers in acute myeloid leukemia. <i>PLoS ONE</i> , 2021, 16, e0253386.	1.1	5
1830	Donor clonal hematopoiesis increases risk of acute graft versus host disease after matched sibling transplantation. <i>Leukemia</i> , 2022, 36, 257-262.	3.3	19
1831	Genetic Determinants of Peripheral Artery Disease. <i>Circulation Research</i> , 2021, 128, 1805-1817.	2.0	9
1832	A Humanized Animal Model Predicts Clonal Evolution and Therapeutic Vulnerabilities in Myeloproliferative Neoplasms. <i>Cancer Discovery</i> , 2021, 11, 3126-3141.	7.7	17
1833	Reference intervals of red blood cell parameters and platelet count for healthy adults in Japan. <i>International Journal of Hematology</i> , 2021, 114, 373-380.	0.7	4

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1834	A Case-Based Approach to Understanding Complex Genetic Information in an Evolving Landscape. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2021, 41, e328-e338.	1.8	2
1835	CHIP and hips: clonal hematopoiesis is common in patients undergoing hip arthroplasty and is associated with autoimmune disease. Blood, 2021, 138, 1727-1732.	0.6	58
1836	Next-Generation Sequencing of Cell-Free DNA Extracted From Pleural Effusion Supernatant: Applications and Challenges. Frontiers in Medicine, 2021, 8, 662312.	1.2	3
1837	Cohesin mutations in myeloid malignancies. Blood, 2021, 138, 649-661.	0.6	22
1838	Clinical implementation and current advancement of blood liquid biopsy in cancer. Journal of Human Genetics, 2021, 66, 909-926.	1.1	16
1839	Biology and clinical management of hypoplastic MDS: MDS as a bone marrow failure syndrome. Best Practice and Research in Clinical Haematology, 2021, 34, 101280.	0.7	11
1840	Somatic mosaicism in inherited bone marrow failure syndromes. Best Practice and Research in Clinical Haematology, 2021, 34, 101279.	0.7	10
1841	Therapeutic implications of menin inhibition in acute leukemias. Leukemia, 2021, 35, 2482-2495.	3.3	76
1842	Hematopoietic mosaic chromosomal alterations increase the risk for diverse types of infection. Nature Medicine, 2021, 27, 1012-1024.	15.2	109
1843	Clonal dynamics and clinical implications of postremission clonal hematopoiesis in acute myeloid leukemia. Blood, 2021, 138, 1733-1739.	0.6	19
1844	Systematic analysis of exonic germline and postzygotic de novo mutations in bipolar disorder. Nature Communications, 2021, 12, 3750.	5.8	15
1845	Incidence and prognosis of clonal hematopoiesis in patients with chronic idiopathic neutropenia. Blood, 2021, 138, 1249-1257.	0.6	15
1847	Sibling donor-derived myeloid sarcoma after hematopoietic stem cell transplant. Human Pathology: Case Reports, 2021, 24, 200512.	0.2	2
1848	HIV is associated with an increased risk of age-related clonal hematopoiesis among older adults. Nature Medicine, 2021, 27, 1006-1011.	15.2	62
1849	Germline ATG2B/GSKIP-containing 14q32 duplication predisposes to early clonal hematopoiesis leading to myeloid neoplasms. Leukemia, 2022, 36, 126-137.	3.3	10
1850	Clinical relevance of clonal hematopoiesis in persons aged ≥80 years. Blood, 2021, 138, 2093-2105.	0.6	37
1851	Myelodysplastic Syndromes in the Postgenomic Era and Future Perspectives for Precision Medicine. Cancers, 2021, 13, 3296.	1.7	4
1852	Anemia in older adults as a geriatric syndrome: A review. Geriatrics and Gerontology International, 2021, 21, 549-554.	0.7	13

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1854	Effect of <i>DNMT3A</i> variant allele frequency and double mutation on clinicopathologic features of patients with de novo AML. <i>Blood Advances</i> , 2021, 5, 2539-2549.	2.5	9
1855	Molecular pathogenesis of the myeloproliferative neoplasms. <i>Journal of Hematology and Oncology</i> , 2021, 14, 103.	6.9	49
1856	Assessment of All-Cause Cancer Incidence Among Individuals With Preeclampsia or Eclampsia During First Pregnancy. <i>JAMA Network Open</i> , 2021, 4, e2114486.	2.8	7
1857	Post-myocardial infarction heart failure dysregulates the bone vascular niche. <i>Nature Communications</i> , 2021, 12, 3964.	5.8	23
1858	Clonal Hematopoiesis after Autologous Stem Cell Transplantation Does Not Confer Adverse Prognosis in Patients with AML. <i>Cancers</i> , 2021, 13, 3190.	1.7	5
1859	Murine models of clonal haematopoiesis to assess mechanisms of cardiovascular disease. <i>Cardiovascular Research</i> , 2022, 118, 1413-1432.	1.8	12
1860	Assessment of the gene mosaicism burden in blood and its implications for immune disorders. <i>Scientific Reports</i> , 2021, 11, 12940.	1.6	5
1861	Splicing factor mutations in hematologic malignancies. <i>Blood</i> , 2021, 138, 599-612.	0.6	40
1862	Role of Tet2 in Regulating Adaptive and Innate Immunity. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 665897.	1.8	8
1863	Perturbed hematopoiesis in individuals with germline DNMT3A overgrowth Tatton-Brown-Rahman syndrome. <i>Haematologica</i> , 2022, 107, 887-898.	1.7	15
1864	Roles and Mechanisms of DNA Methylation in Vascular Aging and Related Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 699374.	1.8	17
1865	Prevalence and characteristics of clonal hematopoiesis in heart failure. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021, 74, 996-999.	0.4	5
1866	Beyond morphology: to be or not to be an MDS. <i>British Journal of Haematology</i> , 2021, 194, 238-239.	1.2	1
1867	Multiplex technologies for the assessment of minimal residual disease and low-level mutation detection in leukaemia: mass spectrometry versus next-generation sequencing. <i>British Journal of Haematology</i> , 2022, 196, 19-30.	1.2	2
1868	Induced Mitochondrial Alteration and DNA Damage via IFNGR-JAK2-STAT1-PARP1 Pathway Facilitates Viral Hepatitis Associated Hepatocellular Carcinoma Aggressiveness and Stemness. <i>Cancers</i> , 2021, 13, 2755.	1.7	11
1869	Clinical and pathologic challenges of clonal cytopenia of undetermined significance. <i>International Journal of Laboratory Hematology</i> , 2021, 43, 82-85.	0.7	1
1870	Prevalencia y características de la hematopoyesis clonal en insuficiencia cardiaca. <i>Revista Espanola De Cardiologia</i> , 2021, 74, 996-996.	0.6	1

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1871	Stem Cells in the Myelodysplastic Syndromes. <i>Frontiers in Aging</i> , 2021, 2, .	1.2	4
1872	Functional and epigenetic phenotypes of humans and mice with DNMT3A Overgrowth Syndrome. <i>Nature Communications</i> , 2021, 12, 4549.	5.8	21
1873	<i>ZBTB33</i> Is Mutated in Clonal Hematopoiesis and Myelodysplastic Syndromes and Impacts RNA Splicing. <i>Blood Cancer Discovery</i> , 2021, 2, 500-517.	2.6	17
1874	Synoptic Diagnostics of Myeloproliferative Neoplasms: Morphology and Molecular Genetics. <i>Cancers</i> , 2021, 13, 3528.	1.7	5
1875	Increased serum C-reactive protein is an adverse prognostic factor in low-risk myelodysplastic syndromes. <i>International Journal of Hematology</i> , 2021, 114, 441-448.	0.7	5
1876	The Hematopoietic Bone Marrow Niche Ecosystem. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 705410.	1.8	34
1877	Subclinical cardiac damage in cancer patients before chemotherapy. <i>Heart Failure Reviews</i> , 2022, 27, 1091-1104.	1.7	9
1878	The Genetics of Myelodysplastic Syndromes: Clinical Relevance. <i>Genes</i> , 2021, 12, 1144.	1.0	14
1879	Combined landscape of single-nucleotide variants and copy number alterations in clonal hematopoiesis. <i>Nature Medicine</i> , 2021, 27, 1239-1249.	15.2	78
1880	Clonal Hematopoiesis and Incident Heart Failure Risk. <i>Journal of the American College of Cardiology</i> , 2021, 78, 53-55.	1.2	0
1881	Liquid Biopsy Analysis in Clinical Practice: Focus on Lung Cancer. <i>Journal of Molecular Pathology</i> , 2021, 2, 241-254.	0.5	6
1882	Assessment of medullary and extramedullary myelopoiesis in cardiovascular diseases. <i>Pharmacological Research</i> , 2021, 169, 105663.	3.1	3
1883	Red Cell Distribution Width: Commonly Performed Test Predicts Mortality in Primary Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2021, 36, 3646-3649.	1.5	1
1884	Inflammation in Myeloid Malignancies: From Bench to Bedside. <i>Journal of Immunotherapy and Precision Oncology</i> , 2021, 4, 160-167.	0.6	5
1885	DNA Methylation and Intra-Clonal Heterogeneity: The Chronic Myeloid Leukemia Model. <i>Cancers</i> , 2021, 13, 3587.	1.7	7
1886	Immunosenescence in Childhood Cancer Survivors and in Elderly: A Comparison and Implication for Risk Stratification. <i>Frontiers in Aging</i> , 2021, 2, .	1.2	5
1887	TP53-mediated therapy-related clonal hematopoiesis contributes to doxorubicin-induced cardiomyopathy by augmenting a neutrophil-mediated cytotoxic response. <i>JCI Insight</i> , 2021, 6, .	2.3	37
1888	The utility of a myeloid mutation panel for the diagnosis of myelodysplastic syndrome and myelodysplastic/myeloproliferative neoplasm. <i>International Journal of Laboratory Hematology</i> , 2021, 43, 1501-1509.	0.7	5

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1889	Somatic mutation accumulation seen through a single-molecule lens. <i>Cell Research</i> , 2021, 31, 949-950.	5.7	0
1890	Pathophysiology of Myelodysplastic Syndromes. <i>Hemato</i> , 2021, 2, 477-495.	0.2	1
1891	Transcription Factors, R-Loops and Deubiquitinating Enzymes: Emerging Targets in Myelodysplastic Syndromes and Acute Myeloid Leukemia. <i>Cancers</i> , 2021, 13, 3753.	1.7	2
1892	Clinical interpretation of whole-genome and whole-transcriptome sequencing for precision oncology. <i>Seminars in Cancer Biology</i> , 2022, 84, 23-31.	4.3	10
1893	Single-Cell Analysis of the Multicellular Ecosystem in Viral Carcinogenesis by HTLV-1. <i>Blood Cancer Discovery</i> , 2021, 2, 450-467.	2.6	10
1894	Relationship between clone metrics and clinical outcome in clonal cytopenia. <i>Blood</i> , 2021, 138, 965-976.	0.6	58
1895	The role of vitamin C in epigenetic cancer therapy. <i>Free Radical Biology and Medicine</i> , 2021, 170, 179-193.	1.3	23
1898	Meta-Analysis of Circulating Cell-Free DNA's Role in the Prognosis of Pancreatic Cancer. <i>Cancers</i> , 2021, 13, 3378.	1.7	9
1899	Association of Clonal Hematopoiesis With Incident Heart Failure. <i>Journal of the American College of Cardiology</i> , 2021, 78, 42-52.	1.2	101
1900	Cell competition in hematopoietic cells: Quality control in homeostasis and its role in leukemia. <i>Developmental Biology</i> , 2021, 475, 1-9.	0.9	4
1901	Clonal hematopoiesis and its emerging effects on cellular therapies. <i>Leukemia</i> , 2021, 35, 2752-2758.	3.3	21
1902	Retrospective cell lineage reconstruction in humans by using short tandem repeats. <i>Cell Reports Methods</i> , 2021, 1, 100054.	1.4	9
1903	Liquid biopsy as an option for predictive testing and prognosis in patients with lung cancer. <i>Molecular Medicine</i> , 2021, 27, 68.	1.9	12
1904	Decoding and rejuvenating human ageing genomes: Lessons from mosaic chromosomal alterations. <i>Ageing Research Reviews</i> , 2021, 68, 101342.	5.0	21
1905	Diagnostic Challenge and Clinical Dilemma: The Long Reach of Clonal Hematopoiesis. <i>Clinical Chemistry</i> , 2021, 67, 1062-1070.	1.5	0
1906	Graft-versus-host disease after liver transplantation is associated with bone marrow failure, hemophagocytosis, and DNMT3A mutations. <i>American Journal of Transplantation</i> , 2021, 21, 3894-3906.	2.6	11
1907	Is Hematopoietic Clonality of Indetermined Potential a Risk Factor for Pulmonary Embolism?. <i>TH Open</i> , 2021, 05, e338-e342.	0.7	14
1908	Genetics of Chronic Lymphocytic Leukemia. <i>Cancer Journal (Sudbury, Mass )</i> , 2021, 27, 259-265.	1.0	1



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1909	Incidental findings from cancer next generation sequencing panels. <i>Npj Genomic Medicine</i> , 2021, 6, 63.	1.7	11
1910	Current and emerging strategies for management of myelodysplastic syndromes. <i>Blood Reviews</i> , 2021, 48, 100791.	2.8	34
1911	Incident disease associations with mosaic chromosomal alterations on autosomes, X and Y chromosomes: insights from a phenome-wide association study in the UK Biobank. <i>Cell and Bioscience</i> , 2021, 11, 143.	2.1	14
1912	From DNA damage to mutations: All roads lead to aging. <i>Ageing Research Reviews</i> , 2021, 68, 101316.	5.0	55
1913	The role of molecular heterogeneity targeting resistance mechanisms to lung cancer therapies. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 757-766.	1.5	4
1915	Clinical and biological determinants of circulating tumor DNA detection and prognostication using a next-generation sequencing panel assay. <i>Cancer Biology and Therapy</i> , 2021, 22, 455-464.	1.5	6
1916	Rates and Patterns of Clonal Oncogenic Mutations in the Normal Human Brain. <i>Cancer Discovery</i> , 2022, 12, 172-185.	7.7	19
1917	Hematopoiesis during Ontogenesis, Adult Life, and Aging. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9231.	1.8	15
1918	Extracellular vesicles tell all: How vesicle-mediated cellular communication shapes hematopoietic stem cell biology with increasing age. <i>Experimental Hematology</i> , 2021, 101-102, 7-15.	0.2	5
1919	Nature or Nurture? Role of the Bone Marrow Microenvironment in the Genesis and Maintenance of Myelodysplastic Syndromes. <i>Cancers</i> , 2021, 13, 4116.	1.7	11
1921	Peripheral blood cytopenias in the aging general population and risk of incident hematological disease and mortality. <i>Blood Advances</i> , 2021, 5, 3266-3278.	2.5	6
1922	Clonal myelopoiesis promotes adverse outcomes in chronic kidney disease. <i>Leukemia</i> , 2022, 36, 507-515.	3.3	49
1923	The use of genetic tests to diagnose and manage patients with myeloproliferative and myelodysplastic neoplasms, and related disorders. <i>British Journal of Haematology</i> , 2021, 195, 338-351.	1.2	8
1924	Clonal Hematopoiesis: From Mechanisms to Clinical Intervention. <i>Cancer Discovery</i> , 2021, 11, 2987-2997.	7.7	30
1925	Dynamic regulation of mitochondrial-endoplasmic reticulum crosstalk during stem cell homeostasis and aging. <i>Cell Death and Disease</i> , 2021, 12, 794.	2.7	6
1926	Innate and adaptive immunity: the understudied driving force of heart valve disease. <i>Cardiovascular Research</i> , 2021, 117, 2506-2524.	1.8	30
1927	Somatic Mutations and Autoimmunity. <i>Cells</i> , 2021, 10, 2056.	1.8	7
1928	Interacting evolutionary pressures drive mutation dynamics and health outcomes in aging blood. <i>Nature Communications</i> , 2021, 12, 4921.	5.8	11

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1929	A predictive algorithm using clinical and laboratory parameters may assist in ruling out and in diagnosing MDS. <i>Blood Advances</i> , 2021, 5, 3066-3075.	2.5	12
1930	The Liquid Biopsy for Lung Cancer: State of the Art, Limitations and Future Developments. <i>Cancers</i> , 2021, 13, 3923.	1.7	33
1931	Engrafted Donor-Derived Clonal Hematopoiesis after Allogeneic Hematopoietic Cell Transplantation is Associated with Chronic Graft-versus-Host Disease Requiring Immunosuppressive Therapy, but no Adverse Impact on Overall Survival or Relapse. <i>Transplantation and Cellular Therapy</i> , 2021, 27, 662.e1-662.e9.	0.6	14
1932	Benign and malignant hematologic manifestations in patients with VEXAS syndrome due to somatic mutations in <i>UBA1</i> . <i>Blood Advances</i> , 2021, 5, 3203-3215.	2.5	114
1933	Systematic Profiling of <i>DNMT3A</i> Variants Reveals Protein Instability Mediated by the DCAF8 E3 Ubiquitin Ligase Adaptor. <i>Cancer Discovery</i> , 2022, 12, 220-235.	7.7	38
1934	Cardio-Oncology. <i>JACC Basic To Translational Science</i> , 2021, 6, 705-718.	1.9	21
1935	Indeterminate and oncogenic potential: CHIP vs CHOP mutations in AML with NPM1 alteration. <i>Leukemia</i> , 2022, 36, 394-402.	3.3	24
1936	Remarkable stability in clonal hematopoiesis involving leukemia driver genes in patients without underlying myeloid neoplasms. <i>American Journal of Hematology</i> , 2021, 96, E392-E396.	2.0	3
1937	Ageing and Cancer: The Waning of Community Bonds. <i>Cells</i> , 2021, 10, 2269.	1.8	7
1938	Liquid biopsy in esophageal cancer: a case report of false-positive circulating tumor DNA detection due to clonal hematopoiesis. <i>Annals of Translational Medicine</i> , 2021, 9, 1264-1264.	0.7	12
1939	TET2 as a tumor suppressor and therapeutic target in T-cell acute lymphoblastic leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	29
1941	Chemical Modulation of Gasdermin-Mediated Pyroptosis and Therapeutic Potential. <i>Journal of Molecular Biology</i> , 2022, 434, 167183.	2.0	22
1942	The predictive value of PNH clones, 6p CN-LOH, and clonal TCR gene rearrangement for aplastic anemia diagnosis. <i>Blood Advances</i> , 2021, 5, 3216-3226.	2.5	21
1943	Clonal hematopoiesis in patients receiving chimeric antigen receptor T-cell therapy. <i>Blood Advances</i> , 2021, 5, 2982-2986.	2.5	45
1944	How to Improve Prognostication in Acute Myeloid Leukemia with CBFMBMYH11 Fusion Transcript: Focus on the Role of Molecular Measurable Residual Disease (MRD) Monitoring. <i>Biomedicines</i> , 2021, 9, 953.	1.4	6
1945	Emerging Role of Acquired Mutations and Clonal Hematopoiesis in Atherosclerosis Beyond Conventional Cardiovascular Risk Factors. <i>Circulation Journal</i> , 2023, 87, 394-400.	0.7	4
1946	Cell competition between wild-type and JAK2V617F mutant cells in a murine model of a myeloproliferative neoplasm. <i>Experimental Hematology</i> , 2021, 100, 52-62.	0.2	4
1947	Scopus Veri Tabanına Dayalı Bibliyometrik Değerlendirme: Miyelodisplastik Sendrom Konulu Yayınların Global Analizi ve Türkiye Kaynaklı Yayınların Değerlendirilmesi. <i>Journal of Biotechnology and Strategic Health Research</i> , 2021, 5, 125-131.	0.8	23

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1948	Clonal hematopoiesis and myeloid malignancies. <i>Current Opinion in Hematology</i> , 2021, Publish Ahead of Print, 347-355.	1.2	4
1951	Clonal Hematopoiesis and Cardiovascular Diseases: The Connection. <i>Current Problems in Cardiology</i> , 2021, , 100962.	1.1	5
1952	Clonal Hematopoiesis Is Associated With Low CD4 Nadir and Increased Residual HIV Transcriptional Activity in Virally Suppressed Individuals With HIV. <i>Journal of Infectious Diseases</i> , 2022, 225, 1339-1347.	1.9	17
1953	Putative homeostatic role of cancer driver mutations. <i>Trends in Cell Biology</i> , 2022, 32, 8-17.	3.6	5
1954	Case 26-2021: A 49-Year-Old Man with Relapsed Acute Myeloid Leukemia. <i>New England Journal of Medicine</i> , 2021, 385, 834-843.	13.9	0
1955	Validation, Implementation, and Clinical Impact of the OncoPrint Myeloid Targeted-Amplicon DNA and RNA Ion Semiconductor Sequencing Assay. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 1292-1305.	1.2	8
1956	Balancing DNA repair to prevent ageing and cancer. <i>Experimental Cell Research</i> , 2021, 405, 112679.	1.2	14
1957	Spectrum of hematological malignancies, clonal evolution and outcomes in 144 Mayo Clinic patients with germline predisposition syndromes. <i>American Journal of Hematology</i> , 2021, 96, 1450-1460.	2.0	19
1958	SOHO State of the Art & Next Questions: Myelodysplastic Syndromes: A New Decade. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2022, 22, 1-16.	0.2	20
1959	Clonal hematopoiesis and associated diseases: A review of recent findings. <i>Cancer Science</i> , 2021, 112, 3962-3971.	1.7	40
1960	Molecular Landscape of Therapy-related Myeloid Neoplasms in Patients Previously Treated for Gynecologic and Breast Cancers. <i>HemaSphere</i> , 2021, 5, e632.	1.2	10
1961	Mitochondrial Fragmentation Triggers Ineffective Hematopoiesis in Myelodysplastic Syndromes. <i>Cancer Discovery</i> , 2022, 12, 250-269.	7.7	14
1962	Dynamics of epigenetic regulator gene BCOR mutation and response predictive value for hypomethylating agents in patients with myelodysplastic syndrome. <i>Clinical Epigenetics</i> , 2021, 13, 169.	1.8	2
1963	Brain Somatic Mutation in Aging and Alzheimer's Disease. <i>Annual Review of Genomics and Human Genetics</i> , 2021, 22, 239-256.	2.5	32
1964	Chronic infection drives Dnmt3a-loss-of-function clonal hematopoiesis via IFN $\gamma$ signaling. <i>Cell Stem Cell</i> , 2021, 28, 1428-1442.e6.	5.2	164
1965	Aged skeletal stem cells generate an inflammatory degenerative niche. <i>Nature</i> , 2021, 597, 256-262.	13.7	143
1966	Anticancer Effects of I-BET151, an Inhibitor of Bromodomain and Extra-Terminal Domain Proteins. <i>Frontiers in Oncology</i> , 2021, 11, 716830.	1.3	5
1967	Clinico-genomic profiling and clonal dynamic modeling of TP53-aberrant myelodysplastic syndrome and acute myeloid leukemia. <i>Leukemia and Lymphoma</i> , 2021, 62, 3348-3360.	0.6	11

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1968	Gata2 haploinsufficiency promotes proliferation and functional decline of hematopoietic stem cells with myeloid bias during aging. <i>Blood Advances</i> , 2021, 5, 4285-4290.	2.5	11
1970	Telomere Attrition and Clonal Hematopoiesis of Indeterminate Potential in Cardiovascular Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9867.	1.8	5
1971	Telomeres and Age-Related Diseases. <i>Biomedicines</i> , 2021, 9, 1335.	1.4	37
1972	Biomarkers in Acute Myeloid Leukemia: Leveraging Next Generation Sequencing Data for Optimal Therapeutic Strategies. <i>Frontiers in Oncology</i> , 2021, 11, 748250.	1.3	7
1973	Persistent inflammatory residual risk despite aggressive cholesterol-lowering therapy. <i>Current Opinion in Cardiology</i> , 2021, Publish Ahead of Print, 776-783.	0.8	1
1974	Update on Clonal Hematopoiesis. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2021, 21, S32-S33.	0.2	1
1975	Antiviral treatment causes a unique mutational signature in cancers of transplantation recipients. <i>Cell Stem Cell</i> , 2021, 28, 1726-1739.e6.	5.2	28
1976	Megakaryopoiesis and Platelet Biology: Roles of Transcription Factors and Emerging Clinical Implications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9615.	1.8	14
1977	The menin-MLL1 interaction is a molecular dependency in <i>NUP98</i> -rearranged AML. <i>Blood</i> , 2022, 139, 894-906.	0.6	42
1978	Predictors of outcomes in adults with acute myeloid leukemia and KMT2A rearrangements. <i>Blood Cancer Journal</i> , 2021, 11, 162.	2.8	32
1979	Molecular Pathology of Myeloid Neoplasms. <i>Surgical Pathology Clinics</i> , 2021, 14, 517-528.	0.7	3
1980	Measurable residual disease testing in chronic lymphocytic leukaemia: hype, hope neither or both?. <i>Leukemia</i> , 2021, 35, 3364-3370.	3.3	4
1981	Clonal Hematopoiesis of Indeterminate Potential: an Expanding Genetic Cause of Cardiovascular Disease. <i>Current Atherosclerosis Reports</i> , 2021, 23, 66.	2.0	7
1982	Increased somatic mutation burdens in normal human cells due to defective DNA polymerases. <i>Nature Genetics</i> , 2021, 53, 1434-1442.	9.4	85
1983	Inflammation during the life cycle of the atherosclerotic plaque. <i>Cardiovascular Research</i> , 2021, 117, 2525-2536.	1.8	69
1984	Struggle within: evolution and ecology of somatic cell populations. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 6797-6806.	2.4	3
1985	Reverse cardio-oncology: Exploring the effects of cardiovascular disease on cancer pathogenesis. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 163, 1-8.	0.9	32
1986	Mutation analysis links angioimmunoblastic T-cell lymphoma to clonal hematopoiesis and smoking. <i>ELife</i> , 2021, 10, .	2.8	19

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1987	The biology of hematopoietic stem cells and its clinical implications. <i>FEBS Journal</i> , 2022, 289, 7740-7759.	2.2	6
1988	Therapy-Related Myeloid Neoplasms in 109 Patients Following Radiation Monotherapy. <i>Blood Advances</i> , 2021, 5, 4140-4148.	2.5	6
1989	Developmental and temporal characteristics of clonal sperm mosaicism. <i>Cell</i> , 2021, 184, 4772-4783.e15.	13.5	27
1990	Extramedullary Clonal Hematopoiesis with Indeterminate Potential. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2021, 21, e696-e698.	0.2	1
1992	Flow Cytometric Findings in Clonal Cytopenia of Undetermined Significance. <i>American Journal of Clinical Pathology</i> , 2021, , .	0.4	3
1993	Is There a Causal Link Between Periodontitis and Cardiovascular Disease? A Concise Review of Recent Findings. <i>International Dental Journal</i> , 2022, 72, 37-51.	1.0	15
1994	Synthetic biomarkers: a twenty-first century path to early cancer detection. <i>Nature Reviews Cancer</i> , 2021, 21, 655-668.	12.8	84
1995	Utility of plasma cell-free DNA for <i>de novo</i> detection and quantification of clonal hematopoiesis. <i>Haematologica</i> , 2022, 107, 1815-1826.	1.7	3
1996	Genetic Heterogeneity in Chronic Myeloid Leukemia: How Clonal Hematopoiesis and Clonal Evolution May Influence Prognosis, Treatment Outcome, and Risk of Cardiovascular Events. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2021, 21, 573-579.	0.2	4
1997	Targeted Therapies for the Evolving Molecular Landscape of Acute Myeloid Leukemia. <i>Cancers</i> , 2021, 13, 4646.	1.7	8
1998	Aging-elevated inflammation promotes DNMT3A R878H-driven clonal hematopoiesis. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 678-691.	5.7	23
1999	The first description of a singular case of synchronous chronic myelomonocytic leukemia and diffuse large B-cell lymphoma. <i>Clinical Case Reports (discontinued)</i> , 2021, 9, e03817.	0.2	2
2000	Molecular Pathogenesis of Chronic Myelomonocytic Leukemia and Potential Molecular Targets for Treatment Approaches. <i>Frontiers in Oncology</i> , 2021, 11, 751668.	1.3	2
2001	Clonal hematopoiesis in sickle cell disease. <i>Blood</i> , 2021, 138, 2148-2152.	0.6	29
2002	The Cancer Therapy-Related Clonal Hematopoiesis Driver Gene <i>Ppm1d</i> Promotes Inflammation and Non-Ischemic Heart Failure in Mice. <i>Circulation Research</i> , 2021, 129, 684-698.	2.0	42
2003	Peripheral Blood Cytopenia and Risk of Cardiovascular Disease and Mortality. <i>Journal of the American Heart Association</i> , 2021, 10, e020809.	1.6	3
2004	Mutational patterns and their correlation to CHIP-related mutations and age in hematological malignancies. <i>Blood Advances</i> , 2021, 5, 4426-4434.	2.5	30
2005	Clonal hematopoiesis-defining mutations have no impact on the development of thrombosis in a cohort of patients with myeloid pathology. <i>Leukemia Research</i> , 2021, 108, 106613.	0.4	0

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2007	Association of Diet Quality With Prevalence of Clonal Hematopoiesis and Adverse Cardiovascular Events. <i>JAMA Cardiology</i> , 2021, 6, 1069.	3.0	43
2008	Mammalian in vitro gametogenesis. <i>Science</i> , 2021, 374, eaaz6830.	6.0	77
2009	Somatic mutations provide important and unique insights into the biology of complex diseases. <i>Trends in Genetics</i> , 2021, 37, 872-881.	2.9	32
2010	Cell competition, cooperation, and cancer. <i>Neoplasia</i> , 2021, 23, 1029-1036.	2.3	6
2011	Late Onset of Chronic Granulomatous Disease Revealed by <i>Paecilomyces lilacinus</i> Cutaneous Infection. <i>Journal of Clinical Immunology</i> , 2022, 42, 60-63.	2.0	4
2012	Myelodysplastic syndromes: Biological and therapeutic consequences of the evolving molecular aberrations landscape. <i>Neoplasia</i> , 2021, 23, 1101-1109.	2.3	6
2013	Clonal hematopoiesis of indeterminate potential (CHIP): Linking somatic mutations, hematopoiesis, chronic inflammation and cardiovascular disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 161, 98-105.	0.9	82
2014	A case of hypereosinophilic syndrome with STAT5b N642H mutation. <i>Oxford Medical Case Reports</i> , 2021, 2021, omaa129.	0.2	5
2015	Clinical, biological, and prognostic implications of SF3B1 co-occurrence mutations in very low/low- and intermediate-risk MDS patients. <i>Annals of Hematology</i> , 2021, 100, 1995-2004.	0.8	9
2016	Genomic Landscape and Clonal Evolution of AML. <i>Hematologic Malignancies</i> , 2021, , 103-118.	0.2	0
2017	Clonal cytopenia of undetermined significance (CCUS) with dysplasia is enriched for MDS-type molecular findings compared to CCUS without dysplasia. <i>European Journal of Haematology</i> , 2021, 106, 500-507.	1.1	8
2018	A Single-Cell Analysis of DNMT3A-Mediated Clonal Hematopoiesis in Heart Failure. <i>Circulation Research</i> , 2021, 128, 229-231.	2.0	4
2019	TET-dioxygenase deficiency in oncogenesis and its targeting for tumor-selective therapeutics. <i>Seminars in Hematology</i> , 2021, 58, 27-34.	1.8	9
2020	Oxidative Stress-Mediated Stem Cell Aging. , 2021, , 55-76.		1
2021	Whole Exome for the Identification of Mutations in CD8+ T-Cells. <i>Methods in Molecular Biology</i> , 2021, 2325, 155-182.	0.4	0
2022	Aging of human hematopoietic stem cells is linked to changes in Cdc42 activity. <i>Haematologica</i> , 2022, 107, 393-402.	1.7	23
2023	A field guide for cancer diagnostics using cell-free DNA: From principles to practice and clinical applications. <i>Genes Chromosomes and Cancer</i> , 2018, 57, 123-139.	1.5	155

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2025	The Impact of Aging on Cancer Progression and Treatment. , 2016, , 53-83.		2
2026	Hematopoietic Stem Cell Aging and Malignant Hemopathies. , 2018, , 1-13.		2
2027	Pediatric Myelodysplastic Syndromes. <i>Pediatric Oncology</i> , 2018, , 57-79.	0.5	1
2028	Genetic Theories of Aging. , 2020, , 1-9.		4
2029	Molecular and Cellular Aspects of Macrophage Aging. , 2019, , 1631-1663.		3
2030	Neoplastische Bildungsst�rungen der H�matopoiese mit erhaltener Ausreifung. , 2019, , 47-87.		2
2031	Leukemia Stem Cells in the Pathogenesis, Progression, and Treatment of Acute Myeloid Leukemia. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1143, 95-128.	0.8	3
2032	Cancer Genomics in Precision Oncology: Applications, Challenges, and Prospects. , 2020, , 453-499.		9
2033	Current concepts and future directions for hemato-oncologic diagnostics. <i>Critical Reviews in Oncology/Hematology</i> , 2020, 151, 102977.	2.0	14
2034	Challenges and opportunities of cfDNA analysis implementation in clinical practice: Perspective of the International Society of Liquid Biopsy (ISLB). <i>Critical Reviews in Oncology/Hematology</i> , 2020, 151, 102978.	2.0	79
2035	Sex-Specific Effects of the Nlrp3 Inflammasome on Atherogenesis in LDL Receptor-Deficient Mice. <i>JACC Basic To Translational Science</i> , 2020, 5, 582-598.	1.9	36
2036	Mechanistic Biomarkers Informative of Both Cancer and Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2020, 75, 2726-2737.	1.2	51
2037	Application of Multiplex Bisulfite PCR‐Ligase Detection Reaction‐Real-Time Quantitative PCR Assay in Interrogating Bioinformatically Identified, Blood-Based Methylation Markers for Colorectal Cancer. <i>Journal of Molecular Diagnostics</i> , 2020, 22, 885-900.	1.2	5
2038	Picking Winners and Losers: Cell Competition in Tissue Development and Homeostasis. <i>Trends in Genetics</i> , 2020, 36, 490-498.	2.9	16
2039	Comprehensive T cell repertoire characterization of non-small cell lung cancer. <i>Nature Communications</i> , 2020, 11, 603.	5.8	140
2040	Extracellular serine controls epidermal stem cell fate and tumour initiation. <i>Nature Cell Biology</i> , 2020, 22, 779-790.	4.6	83
2041	The origin of leukemia: Genetic alterations and inflammatory factors in the development of premalignant clonal hematopoiesis. <i>Seminars in Hematology</i> , 2020, 57, 7-12.	1.8	4

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2043	Molecular/Cytogenetic Education for Hematopathology Fellows. <i>American Journal of Clinical Pathology</i> , 2020, 154, 149-177.	0.4	6
2044	Common risk factors for heart failure and cancer. <i>Cardiovascular Research</i> , 2019, 115, 844-853.	1.8	175
2045	A Journey Through Myeloma Evolution: From the Normal Plasma Cell to Disease Complexity. <i>HemaSphere</i> , 2020, 4, e502.	1.2	10
2046	Clonal hematopoiesis in hematopoietic stem cell transplantation. <i>Current Opinion in Hematology</i> , 2021, 28, 94-100.	1.2	7
2080	Extensive heterogeneity in somatic mutation and selection in the human bladder. <i>Science</i> , 2020, 370, 75-82.	6.0	195
2081	The Use of Serial Circulating Tumor DNA to Detect Resistance Alterations in Progressive Metastatic Breast Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 1361-1370.	3.2	25
2082	Aged marrow macrophages expand platelet-biased hematopoietic stem cells via interleukin-1B. <i>JCI Insight</i> , 2019, 4, .	2.3	82
2083	Aberrant X chromosome skewing and acquired clonal hematopoiesis in adult-onset common variable immunodeficiency. <i>JCI Insight</i> , 2019, 4, .	2.3	1
2084	Tet2-mediated clonal hematopoiesis in nonconditioned mice accelerates age-associated cardiac dysfunction. <i>JCI Insight</i> , 2020, 5, .	2.3	103
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2086	Tumor suppressor TET2 promotes cancer immunity and immunotherapy efficacy. <i>Journal of Clinical Investigation</i> , 2019, 129, 4316-4331.	3.9	143
2087	Ageing-associated inflammation promotes selection for adaptive oncogenic events in B cell progenitors. <i>Journal of Clinical Investigation</i> , 2015, 125, 4666-4680.	3.9	116
2088	Ultrasensitive mutation detection identifies rare residual cells causing acute myelogenous leukemia relapse. <i>Journal of Clinical Investigation</i> , 2017, 127, 3484-3495.	3.9	41
2089	Haploinsufficiency for DNA methyltransferase 3A predisposes hematopoietic cells to myeloid malignancies. <i>Journal of Clinical Investigation</i> , 2017, 127, 3657-3674.	3.9	80
2090	Therapy-related myeloid neoplasms: does knowing the origin help to guide treatment?. <i>Hematology American Society of Hematology Education Program</i> , 2016, 2016, 24-32.	0.9	34
2091	Mature lymphoid malignancies: origin, stem cells, and chronicity. <i>Blood Advances</i> , 2017, 1, 2444-2455.	2.5	13
2092	Clonal hematopoiesis in angioimmunoblastic T-cell lymphoma with divergent evolution to myeloid neoplasms. <i>Blood Advances</i> , 2020, 4, 2261-2271.	2.5	61



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2094	Clonal Hematopoiesis: The Seeds of Leukemia or Innocuous Bystander?. , 2016, 13, .		2
2095	Idiopathic aplastic anemia vs hypocellular myelodysplastic syndrome. <i>Hematology American Society of Hematology Education Program</i> , 2019, 2019, 97-104.	0.9	25
2096	The lethal sex gap: COVID-19. <i>Immunity and Ageing</i> , 2020, 17, 13.	1.8	68
2097	Recent advances in understanding the mechanisms determining longevity. <i>F1000Research</i> , 2019, 8, 1403.	0.8	7
2098	What do we know about the participation of hematopoietic stem cells in hematopoiesis?. <i>F1000Research</i> , 2015, 4, 1177.	0.8	1
2099	The Tatton-Brown-Rahman Syndrome: A clinical study of 55 individuals with de novo constitutive DNMT3A variants. <i>Wellcome Open Research</i> , 2018, 3, 46.	0.9	75
2100	Clonal dominance and transplanted dynamics in hematopoietic stem cell compartments. <i>PLoS Computational Biology</i> , 2017, 13, e1005803.	1.5	26
2101	Genomic Analysis of Uterine Lavage Fluid Detects Early Endometrial Cancers and Reveals a Prevalent Landscape of Driver Mutations in Women without Histopathologic Evidence of Cancer: A Prospective Cross-Sectional Study. <i>PLoS Medicine</i> , 2016, 13, e1002206.	3.9	83
2102	Rare Circulating Cells in Familial Waldenström Macroglobulinemia Displaying the MYD88 L265P Mutation Are Enriched by Epstein-Barr Virus Immortalization. <i>PLoS ONE</i> , 2015, 10, e0136505.	1.1	6
2103	Role of interleukin 1 in the development of atherosclerosis. <i>Nauchno-Prakticheskaya Revmatologiya</i> , 0, 56, 28-34.	0.2	6
2104	Personalizing Therapy for Metastatic Prostate Cancer: The Role of Solid and Liquid Tumor Biopsies. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2017, 37, 358-369.	1.8	8
2105	STAT5 activation in B-cell acute lymphoblastic leukemia: damned if you do, damned if you don't. <i>Cancer Cell &amp; Microenvironment</i> , 2016, 3, .	0.8	4
2106	Constitutional Mosaic Epimutations – a hidden cause of cancer?. <i>Cell Stress</i> , 2019, 3, 118-135.	1.4	22
2108	Reduced production of laminin by hepatic stellate cells contributes to impairment in oval cell response to liver injury in aged mice. <i>Aging</i> , 2018, 10, 3713-3735.	1.4	3
2109	DNA hydroxymethylation combined with carotid plaques as a novel biomarker for coronary atherosclerosis. <i>Aging</i> , 2019, 11, 3170-3181.	1.4	14
2110	Physical activity, a modulator of aging through effects on telomere biology. <i>Aging</i> , 2020, 12, 13803-13823.	1.4	30
2111	Clonal evolution in therapy-related neoplasms. <i>Oncotarget</i> , 2017, 8, 12031-12040.	0.8	22

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2112	Stat5 deficiency decreases transcriptional heterogeneity and supports emergence of hematopoietic sub-populations. <i>Oncotarget</i> , 2017, 8, 22477-22482.	0.8	2
2113	Chipping in on clonal hematopoiesis. <i>Oncotarget</i> , 2017, 8, 84637-84638.	0.8	1
2114	Rapid development of myeloproliferative neoplasm in mice with <i>Ptpn11</i> <i>D61Y</i> mutation and haploinsufficient for <i>Dnmt3a</i> . <i>Oncotarget</i> , 2018, 9, 6055-6061.	0.8	4
2115	Clinical impact of measurable residual disease monitoring by ultradeep next generation sequencing in <i>NPM1</i> mutated acute myeloid leukemia. <i>Oncotarget</i> , 2018, 9, 36613-36624.	0.8	26
2116	<i>IDH1/2</i> but not <i>DNMT3A</i> mutations are suitable targets for minimal residual disease monitoring in acute myeloid leukemia patients: a study by the Acute Leukemia French Association. <i>Oncotarget</i> , 2015, 6, 42345-42353.	0.8	92
2117	Routine clinical mutation profiling using next generation sequencing and a customized gene panel improves diagnostic precision in myeloid neoplasms. <i>Oncotarget</i> , 2016, 7, 30084-30093.	0.8	42
2118	Altered neutrophil immunophenotypes in childhood B-cell precursor acute lymphoblastic leukemia. <i>Oncotarget</i> , 2016, 7, 24664-24676.	0.8	8
2119	Targeting Immune Signaling Pathways in Clonal Hematopoiesis. <i>Current Medicinal Chemistry</i> , 2019, 26, 5262-5277.	1.2	6
2120	Novel Antigen Targets for Immunotherapy of Acute Myeloid Leukemia. <i>Current Drug Targets</i> , 2017, 18, 296-303.	1.0	14
2121	Variants of <i>DNMT3A</i> cause transcript-specific DNA methylation patterns and affect hematopoiesis. <i>Life Science Alliance</i> , 2018, 1, e201800153.	1.3	16
2122	Myelodysplastic syndromes: moving towards personalized management. <i>Haematologica</i> , 2020, 105, 1765-1779.	1.7	52
2123	Real-Time Molecular Monitoring in Acute Myeloid Leukemia With Circulating Tumor DNA. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 604391.	1.8	10
2124	Bile-Based Cell-Free DNA Analysis Is a Reliable Diagnostic Tool in Pancreatobiliary Cancer. <i>Cancers</i> , 2021, 13, 39.	1.7	26
2125	Recent insights regarding the molecular basis of myeloproliferative neoplasms. <i>Korean Journal of Internal Medicine</i> , 2020, 35, 1-11.	0.7	25
2126	Dynamics of competing heterogeneous clones in blood cancers explains multiple observations - a mathematical modeling approach. <i>Mathematical Biosciences and Engineering</i> , 2020, 17, 7645-7670.	1.0	3
2127	The Molecular Pathogenesis of Multiple Myeloma. <i>Hematology Reports</i> , 2020, 12, 9054.	0.3	9
2128	Aging: A cell source limiting factor in tissue engineering. <i>World Journal of Stem Cells</i> , 2019, 11, 787-802.	1.3	19
2129	Therapy-related myeloid neoplasms - what have we learned so far?. <i>World Journal of Stem Cells</i> , 2016, 8, 231.	1.3	15

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2131	NCCN Guidelines Insights: Genetic/Familial High-Risk Assessment: Breast, Ovarian, and Pancreatic, Version 1.2020. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2020, 18, 380-391.	2.3	314
2132	NCCN Guidelines Insights: Survivorship, Version 2.2020. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2020, 18, 1016-1023.	2.3	64
2133	A generalized theory of age-dependent carcinogenesis. <i>ELife</i> , 2019, 8, .	2.8	45
2134	Proteomic analysis of young and old mouse hematopoietic stem cells and their progenitors reveals post-transcriptional regulation in stem cells. <i>ELife</i> , 2020, 9, .	2.8	21
2135	Molecular testing for acute myeloid leukemia. <i>Cancer Biology and Medicine</i> , 2021, 18, 0-0.	1.4	3
2136	Advances in Diagnosis and Risk Stratification of Acute Myeloid Leukemia and Myelodysplastic Syndromes. <i>Cancer Treatment and Research</i> , 2021, 181, 1-16.	0.2	1
2137	Loss Of Tet2 In T Cells Drives Translocated Pathobiont Derived Aryl Hydrocarbon Receptor Agonist-Induced Tc1 Cell Autoimmune Hepatitis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2138	Impact of next generation sequencing results on clinical management in patients with hematological disorders. <i>Leukemia and Lymphoma</i> , 2021, 62, 1702-1710.	0.6	4
2139	Clinico-genetic findings in 509 frontotemporal dementia patients. <i>Molecular Psychiatry</i> , 2021, 26, 5824-5832.	4.1	23
2140	Clonal hematopoiesis and VEXAS syndrome: survival of the fittest clones?. <i>Seminars in Hematology</i> , 2021, 58, 226-229.	1.8	22
2141	Epigenetic Clock and Circadian Rhythms in Stem Cell Aging and Rejuvenation. <i>Journal of Personalized Medicine</i> , 2021, 11, 1050.	1.1	11
2142	Obesity and Cardiovascular Disease: The Emerging Role of Inflammation. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 768119.	1.1	24
2143	How predictive is the finding of clonal hematopoiesis for the development of myelodysplastic syndromes (MDS) or acute myeloid leukemia (AML)?. <i>Best Practice and Research in Clinical Haematology</i> , 2021, 34, 101327.	0.7	2
2145	Inflammatory Modulation of Hematopoiesis: Linking Trained Immunity and Clonal Hematopoiesis with Chronic Disorders. <i>Annual Review of Physiology</i> , 2022, 84, 183-207.	5.6	21
2146	Somatic Mosaicism in Biology and Disease. <i>Annual Review of Physiology</i> , 2022, 84, 113-133.	5.6	5
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2150	Calibration-free NGS quantitation of mutations below 0.01% VAF. <i>Nature Communications</i> , 2021, 12, 6123.	5.8	13
2151	<i>Tet2</i> deficiency in immune cells exacerbates tumor progression by increasing angiogenesis in a lung cancer model. <i>Cancer Science</i> , 2021, 112, 4931-4943.	1.7	21
2152	Distinction of lymphoid and myeloid clonal hematopoiesis. <i>Nature Medicine</i> , 2021, 27, 1921-1927.	15.2	130
2153	Preexisting <i>TP53</i> -Variant Clonal Hematopoiesis and Risk of Secondary Myeloid Neoplasms in Patients With High-grade Ovarian Cancer Treated With Rucaparib. <i>JAMA Oncology</i> , 2021, 7, 1772.	3.4	44
2154	Mitochondrial Contributions to Hematopoietic Stem Cell Aging. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11117.	1.8	17
2155	Advances in acute myeloid leukemia. <i>BMJ</i> , The, 2021, 375, n2026.	3.0	177
2156	TET2 mutations are associated with hypermethylation at key regulatory enhancers in normal and malignant hematopoiesis. <i>Nature Communications</i> , 2021, 12, 6061.	5.8	47
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2159	Clonal hematopoiesis in CIN. <i>Blood</i> , 2021, 138, 1204-1206.	0.6	0
2160	Biomarkers in AL Amyloidosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10916.	1.8	7
2161	TP53 in Acute Myeloid Leukemia: Molecular Aspects and Patterns of Mutation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10782.	1.8	25
2162	<i>Dnmt3a</i> -mutated clonal hematopoiesis promotes osteoporosis. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	81
2163	Cell-free Nucleic Acids in Cancer. <i>Advances in Molecular Pathology</i> , 2021, 4, 187-198.	0.2	1
2164	Next-Generation Sequencing for Measurable Residual Disease Assessment in Acute Leukemia. <i>Advances in Molecular Pathology</i> , 2021, 4, 49-63.	0.2	2
2165	Molecular Profile of BCR-ABL1 Negative Myeloproliferative Neoplasms and Its Impact on Prognosis and Management. <i>Advances in Molecular Pathology</i> , 2021, 4, 65-79.	0.2	0
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2169	The Origin of Therapy-Related AML Lies Deep Within. , 2015, 12, .		0
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2175	Acquired Aplastic Anemia: Somatic Mutations and Eltrombopag Take the Spotlight. , 2016, 13, .		0
2176	<a href="http://ajbm.net/952016-2/">http://ajbm.net/952016-2/</a> . American Journal of BioMedicine, 2016, 4, 360-363.	0.0	0
2177	The Role of Cbx Proteins in Human Benign and Malignant Hematopoiesis. Blood, 2016, 128, 2651-2651.	0.6	0
2179	Donor Selection and Cell Dose in Haploidentical SCT. Pancreatic Islet Biology, 2017, , 9-16.	0.1	2
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2185	Skin and Vascular Disease“Inside-Out/Outside-In. JAMA Cardiology, 2017, 2, 944.	3.0	0
2186	The Myelodysplastic Syndromes. , 2018, , 483-508.		0
2187	Myeloid-Derived Suppressor Cells in Aged Humans. , 2018, , 1-12.		1

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2191	Molecular and Cellular Aspects of Macrophage Aging. , 2018, , 1-32.		0
2192	Inherited Genetic Variants Increase the Likelihood of Developing Clonal Hematopoiesis: Something Akin to Pre-CHIP. , 2018, 15, .		0
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2197	Somatic Mutations in Cancer-Free Individuals: A Liquid Biopsy Connection. Open Access Journal of Oncology and Medicine, 2018, 1, .	0.4	0
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2199	2. Diagnosis and Treatment of Leukemia-Recent Advance-. The Journal of the Japanese Society of Internal Medicine, 2018, 107, 493-498.	0.0	0
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2215	Aging and Malignant Hemopathies: A Complex Multistep Process. , 2019, , 2267-2279.		0
2218	Myelodysplastic Syndrome. , 2019, , 1-21.		0
2219	Atherosclerosis Risk Factors. , 2019, , 9-45.		0
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2221	Attack of the Clones: CHIP in the Clinic. , 2019, 16, .		0
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2228	Chronic Myeloid Neoplasms. , 2020, , 235-251.		0
2235	Presentation of a diagnostically challenging case of chronic eosinophilic leukemia with marrow dysplasia and ringed sideroblasts. SAGE Open Medical Case Reports, 2020, 8, 2050313X2095744.	0.2	0
2237	A summary of the molecular testing recommended in acute myeloid leukemia. , 2020, 4, 012-017.		2
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2734	In Response to Lymphohematopoietic Clones. , 2022, 19, .		0
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2738	Somatic mutations in "benign" blood diseases. <i>Seminars in Hematology</i> , 2022, 59, 121-122.	1.8	0
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2751	Genomic profiling for clinical decision making in myeloid neoplasms and acute leukemia. <i>Blood</i> , 2022, 140, 2228-2247.	0.6	72
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2764	Clonal hematopoiesis of indeterminate potential and cardiovascular disease. <i>Translational Research</i> , 2023, 255, 152-158.	2.2	3
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2766	The clinical landscape of cell-free DNA alterations in 1671 patients with advanced biliary tract cancer. <i>Annals of Oncology</i> , 2022, 33, 1269-1283.	0.6	44
2767	The architecture of clonal expansions in morphologically normal tissue from cancerous and non-cancerous prostates. <i>Molecular Cancer</i> , 2022, 21, .	7.9	4

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2772	Role of ASXL1 in Hematopoiesis and Myeloid Diseases. <i>Experimental Hematology</i> , 2022, , .	0.2	4
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2781	Clonal hematopoiesis, somatic mosaicism, and age-associated disease. <i>Physiological Reviews</i> , 2023, 103, 649-716.	13.1	21
2782	All that glitters is not LGL Leukemia. <i>Leukemia</i> , 2022, 36, 2551-2557.	3.3	8
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2789	Anti-atherosclerotic therapies: Milestones, challenges, and emerging innovations. <i>Molecular Therapy</i> , 2022, 30, 3106-3117.	3.7	23
2790	Age-dependent association of clonal hematopoiesis with COVID-19 mortality in patients over 60 years. <i>GeroScience</i> , 2023, 45, 543-553.	2.1	5
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2818	The genetics of myelodysplastic syndromes and the opportunities for tailored treatments. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	4
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2829	Immuno-cardio-oncology: Killing two birds with one stone?. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	3
2830	Genetic basis and molecular profiling in myeloproliferative neoplasms. <i>Blood</i> , 2023, 141, 1909-1921.	0.6	31
2831	Clonal hematopoiesis and bone marrow inflammation. <i>Translational Research</i> , 2023, 255, 159-170.	2.2	3
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2834	Genomic Aging, Clonal Hematopoiesis, and Cardiovascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2023, 43, 3-14.	1.1	10
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