Seishi Ogawa

List of Publications by Citations

436 papers	17,909 citations	67 h-index	127 g-index
475 ext. papers	22,940 ext. citations	7 avg, IF	6.32 L-index

#	Paper	IF	Citations
436	Frequent pathway mutations of splicing machinery in myelodysplasia. *Nature*, **2011**, 478, 64-9	50.4	1415
435	Integrated molecular analysis of clear-cell renal cell carcinoma. *Nature Genetics*, **2013**, 45, 860-7	36.3	723
434	Oncogenic mutations of ALK kinase in neuroblastoma. *Nature*, **2008**, 455, 971-4	50.4	682
433	A robust algorithm for copy number detection using high-density oligonucleotide single nucleotide polymorphism genotyping arrays. *Cancer Research*, **2005**, 65, 6071-9	10.1	572
432	Mutational landscape and clonal architecture in grade II and III gliomas. *Nature Genetics*, **2015**, 47, 458-68	36.3	543
431	AML-1 is required for megakaryocytic maturation and lymphocytic differentiation, but not for maintenance of hematopoietic stem cells in adult hematopoiesis. *Nature Medicine*, **2004**, 10, 299-304	50.5	479
430	Integrated molecular analysis of adult T cell leukemia/lymphoma. *Nature Genetics*, **2015**, 47, 1304-15	36.3	469
429	Somatic RHOA mutation in angioimmunoblastic T cell lymphoma. *Nature Genetics*, **2014**, 46, 171-5	36.3	411
428	Aberrant PD-L1 expression through 3'-UTR disruption in multiple cancers. *Nature*, **2016**, 534, 402-6	50.4	403
427	Genomic and molecular characterization of esophageal squamous cell carcinoma. *Nature Genetics*, **2014**, 46, 467-73	36.3	398
426	Somatic Mutations and Clonal Hematopoiesis in Aplastic Anemia. *New England Journal of Medicine*, **2015**, 373, 35-47	59.2	361
425	Gain-of-function of mutated C-CBL tumour suppressor in myeloid neoplasms. *Nature*, **2009**, 460, 904-8	50.4	338
424	Age-related remodelling of oesophageal epithelia by mutated cancer drivers. *Nature*, **2019**, 565, 312-317	50.4	270
423	Recurrent mutations in multiple components of the cohesin complex in myeloid neoplasms. *Nature Genetics*, **2013**, 45, 1232-7	36.3	258
422	The landscape of somatic mutations in Down syndrome-related myeloid disorders. *Nature Genetics*, **2013**, 45, 1293-9	36.3	244
421	SRSF2 mutations in 275 cases with chronic myelomonocytic leukemia (CMML). *Blood*, **2012**, 120, 3080-8	2.2	234
420	Clinical significance of somatic mutation in unexplained blood cytopenia. *Blood*, **2017**, 129, 3371-3378	2.2	229

419	Dynamics of clonal evolution in myelodysplastic syndromes. *Nature Genetics*, **2017**, 49, 204-212	36.3	228
418	Inherited and Somatic Defects in DDX41 in Myeloid Neoplasms. *Cancer Cell*, **2015**, 27, 658-70	24.3	228
417	The genomic landscape of nasopharyngeal carcinoma. *Nature Genetics*, **2014**, 46, 866-71	36.3	225
416	Highly sensitive method for genomewide detection of allelic composition in nonpaired, primary tumor specimens by use of affymetrix single-nucleotide-polymorphism genotyping microarrays. *American Journal of Human Genetics*, **2007**, 81, 114-26	11	216
415	Genomic Landscape of Esophageal Squamous Cell Carcinoma in a Japanese Population. *Gastroenterology*, **2016**, 150, 1171-1182	13.3	195
414	Genetic abnormalities in myelodysplasia and secondary acute myeloid leukemia: impact on outcome of stem cell transplantation. *Blood*, **2017**, 129, 2347-2358	2.2	184
413	Somatic SETBP1 mutations in myeloid malignancies. *Nature Genetics*, **2013**, 45, 942-6	36.3	178
412	Acquired initiating mutations in early hematopoietic cells of CLL patients. *Cancer Discovery*, **2014**, 4, 1088-101	24.4	172
411	ACTN1 mutations cause congenital macrothrombocytopenia. *American Journal of Human Genetics*, **2013**, 92, 431-8	11	154
410	Generation of alveolar epithelial spheroids via isolated progenitor cells from human pluripotent stem cells. *Stem Cell Reports*, **2014**, 3, 394-403	8	152
409	Recurrent somatic mutations underlie corticotropin-independent Cushing's syndrome. *Science*, **2014**, 344, 917-20	33.3	142
408	Mutation allele burden remains unchanged in chronic myelomonocytic leukaemia responding to hypomethylating agents. *Nature Communications*, **2016**, 7, 10767	17.4	140
407	Aberrant splicing of U12-type introns is the hallmark of ZRSR2 mutant myelodysplastic syndrome. *Nature Communications*, **2015**, 6, 6042	17.4	139
406	Profiling of somatic mutations in acute myeloid leukemia with FLT3-ITD at diagnosis and relapse. *Blood*, **2015**, 126, 2491-501	2.2	134
405	An empirical Bayesian framework for somatic mutation detection from cancer genome sequencing data. *Nucleic Acids Research*, **2013**, 41, e89	20.1	129
404	Prognostic relevance of genetic alterations in diffuse lower-grade gliomas. *Neuro-Oncology*, **2018**, 20, 66-77	1	128
403	Gain-of-function mutations and copy number increases of Notch2 in diffuse large B-cell lymphoma. *Cancer Science*, **2009**, 100, 920-6	6.9	122
402	Genetics of MDS. *Blood*, **2019**, 133, 1049-1059	2.2	118

401	Frequent loss of HLA alleles associated with copy number-neutral 6pLOH in acquired aplastic anemia. *Blood*, **2011**, 118, 6601-9	2.2	118
400	Implications of TP53 allelic state for genome stability, clinical presentation and outcomes in myelodysplastic syndromes. *Nature Medicine*, **2020**, 26, 1549-1556	50.5	118
399	Variant ALDH2 is associated with accelerated progression of bone marrow failure in Japanese Fanconi anemia patients. *Blood*, **2013**, 122, 3206-9	2.2	116
398	Integrated genetic and epigenetic analysis defines novel molecular subgroups in rhabdomyosarcoma. *Nature Communications*, **2015**, 6, 7557	17.4	110
397	Cell Therapy Using Human Induced Pluripotent Stem Cell-Derived Renal Progenitors Ameliorates Acute Kidney Injury in Mice. *Stem Cells Translational Medicine*, **2015**, 4, 980-92	6.9	103
396	Integrated Multiregional Analysis Proposing a New Model of Colorectal Cancer Evolution. *PLoS Genetics*, **2016**, 12, e1005778	6	102
395	Clonal hematopoiesis in acquired aplastic anemia. *Blood*, **2016**, 128, 337-47	2.2	101
394	Role of Donor Clonal Hematopoiesis in Allogeneic Hematopoietic Stem-Cell Transplantation. *Journal of Clinical Oncology*, **2019**, 37, 375-385	2.2	97
393	Splicing factor mutations and cancer. *Wiley Interdisciplinary Reviews RNA*, **2014**, 5, 445-59	9.3	97
392	Prevalence and prognostic impact of allelic imbalances associated with leukemic transformation of Philadelphia chromosome-negative myeloproliferative neoplasms. *Blood*, **2010**, 115, 2882-90	2.2	97
391	Mutations in the gene encoding the E2 conjugating enzyme UBE2T cause Fanconi anemia. *American Journal of Human Genetics*, **2015**, 96, 1001-7	11	90
390	TP53 mutation status divides myelodysplastic syndromes with complex karyotypes into distinct prognostic subgroups. *Leukemia*, **2019**, 33, 1747-1758	10.7	88
389	Deep sequencing reveals stepwise mutation acquisition in paroxysmal nocturnal hemoglobinuria. *Journal of Clinical Investigation*, **2014**, 124, 4529-38	15.9	87
388	Clonal evolution in myelodysplastic syndromes. *Nature Communications*, **2017**, 8, 15099	17.4	86
387	Relapse of leukemia with loss of mismatched HLA resulting from uniparental disomy after haploidentical hematopoietic stem cell transplantation. *Blood*, **2010**, 115, 3158-61	2.2	85
386	Defective Epstein-Barr virus in chronic active infection and haematological malignancy. *Nature Microbiology*, **2019**, 4, 404-413	26.6	80
385	GE-34THE MUTATIONAL LANDSCAPE AND TEMPORAL AND SPATIAL CLONAL EVOLUTION TO PROGRESSION IN 351 LOW-GRADE GLIOMAS. *Neuro-Oncology*, **2014**, 16, v103-v104	1	78
384	ATRT-11. PREVALENCE OF GERMLINE VARIANTS IN SMARCB1 INCLUDING SOMATIC MOSAICISM IN AT/RT AND OTHER RHABDOID TUMORS. *Neuro-Oncology*, **2020**, 22, iii277-iii278	1	78

383	Variegated RHOA mutations in adult T-cell leukemia/lymphoma. *Blood*, **2016**, 127, 596-604	2.2	77
382	Frequent mutations that converge on the NFKBIZ pathway in ulcerative colitis. *Nature*, **2020**, 577, 260-265	50.4	77
381	Prognostic relevance of integrated genetic profiling in adult T-cell leukemia/lymphoma. *Blood*, **2018**, 131, 215-225	2.2	76
380	Aberrant splicing and defective mRNA production induced by somatic spliceosome mutations in myelodysplasia. *Nature Communications*, **2018**, 9, 3649	17.4	76
379	Hematopoietic lineage distribution and evolutionary dynamics of clonal hematopoiesis. *Leukemia*, **2018**, 32, 1908-1919	10.7	75
378	Genomic landscape of liposarcoma. *Oncotarget*, **2015**, 6, 42429-44	3.3	75
377	A TLR3-Specific Adjuvant Relieves Innate Resistance to PD-L1 Blockade without Cytokine Toxicity in Tumor Vaccine Immunotherapy. *Cell Reports*, **2017**, 19, 1874-1887	10.6	74
376	Recurrent SPI1 (PU.1) fusions in high-risk pediatric T cell acute lymphoblastic leukemia. *Nature Genetics*, **2017**, 49, 1274-1281	36.3	74
375	Highly efficient ex vivo expansion of human hematopoietic stem cells using Delta1-Fc chimeric protein. *Stem Cells*, **2006**, 24, 2456-65	5.8	74
374	Somatic Mutations in MDS Patients Are Associated with Clinical Features and Predict Prognosis Independent of the IPSS-R: Analysis of Combined Datasets from the International Working Group for Prognosis in MDS-Molecular Committee. *Blood*, **2015**, 126, 907-907	2.2	73
373	SF3B1-mutant MDS as a distinct disease subtype: a proposal from the International Working Group for the Prognosis of MDS. *Blood*, **2020**, 136, 157-170	2.2	72
372	Mutations of the Smad4 gene in acute myelogeneous leukemia and their functional implications in leukemogenesis. *Oncogene*, **2001**, 20, 88-96	9.2	72
371	Molecular heterogeneity in peripheral T-cell lymphoma, not otherwise specified revealed by comprehensive genetic profiling. *Leukemia*, **2019**, 33, 2867-2883	10.7	71
370	Haploinsufficiency of TNFAIP3 (A20) by germline mutation is involved in autoimmune lymphoproliferative syndrome. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 1914-1922	11.5	69
369	Loss of function mutations in RPL27 and RPS27 identified by whole-exome sequencing in Diamond-Blackfan anaemia. *British Journal of Haematology*, **2015**, 168, 854-64	4.5	67
368	Frequent NFKBIE deletions are associated with poor outcome in primary mediastinal B-cell lymphoma. *Blood*, **2016**, 128, 2666-2670	2.2	64
367	Abnormal hematopoiesis and autoimmunity in human subjects with germline IKZF1 mutations. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 223-231	11.5	63
366	Phosphatase and tensin homolog (PTEN) mutation can cause activated phosphatidylinositol 3-kinase δ syndrome-like immunodeficiency. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 1672-1680.e10	11.5	61

365	Genomic landscape and clonal evolution of acute myeloid leukemia with t(8;21): an international study on 331 patients. *Blood*, **2019**, 133, 1140-1151	2.2	61
364	Mutational Landscape of Pediatric Acute Lymphoblastic Leukemia. *Cancer Research*, **2017**, 77, 390-400	10.1	60
363	Spliceosomal gene aberrations are rare, coexist with oncogenic mutations, and are unlikely to exert a driver effect in childhood MDS and JMML. *Blood*, **2012**, 119, e96-9	2.2	60
362	Neoantigen Load, Antigen Presentation Machinery, and Immune Signatures Determine Prognosis in Clear Cell Renal Cell Carcinoma. *Cancer Immunology Research*, **2016**, 4, 463-71	12.5	59
361	Frequent structural variations involving programmed death ligands in Epstein-Barr virus-associated lymphomas. *Leukemia*, **2019**, 33, 1687-1699	10.7	57
360	Biallelic DICER1 mutations in sporadic pleuropulmonary blastoma. *Cancer Research*, **2014**, 74, 2742-9	10.1	56
359	Regeneration of CD8+ T Cells from T-cell-Derived iPSC Imparts Potent Tumor Antigen-Specific Cytotoxicity. *Cancer Research*, **2016**, 76, 6839-6850	10.1	52
358	The E-Id Protein Axis Specifies Adaptive Lymphoid Cell Identity and Suppresses Thymic Innate Lymphoid Cell Development. *Immunity*, **2017**, 46, 818-834.e4	32.3	51
357	Integrated molecular profiling of juvenile myelomonocytic leukemia. *Blood*, **2018**, 131, 1576-1586	2.2	51
356	Telomere attrition and candidate gene mutations preceding monosomy 7 in aplastic anemia. *Blood*, **2015**, 125, 706-9	2.2	51
355	A temporal shift of the evolutionary principle shaping intratumor heterogeneity in colorectal cancer. *Nature Communications*, **2018**, 9, 2884	17.4	50
354	KLF5 regulates the integrity and oncogenicity of intestinal stem cells. *Cancer Research*, **2014**, 74, 2882-91	10.1	50
353	Early diagnosis of central nervous system aspergillosis using polymerase chain reaction, latex agglutination test, and enzyme-linked immunosorbent assay. *British Journal of Haematology*, **1999**, 106, 536-7	4.5	50
352	ATP11C is a major flippase in human erythrocytes and its defect causes congenital hemolytic anemia. *Haematologica*, **2016**, 101, 559-65	6.6	47
351	Genomon ITDetector: a tool for somatic internal tandem duplication detection from cancer genome sequencing data. *Bioinformatics*, **2015**, 31, 116-8	7.2	46
350	Extensive gene deletions in Japanese patients with Diamond-Blackfan anemia. *Blood*, **2012**, 119, 2376-84	2.2	46
349	Physiological P95H expression causes impaired hematopoietic stem cell functions and aberrant RNA splicing in mice. *Blood*, **2018**, 131, 621-635	2.2	46
348	Clinical utility of next-generation sequencing for inherited bone marrow failure syndromes. *Genetics in Medicine*, **2017**, 19, 796-802	8.1	45

347	The U2AF1S34F mutation induces lineage-specific splicing alterations in myelodysplastic syndromes. *Journal of Clinical Investigation*, **2017**, 127, 2206-2221	15.9	45
346	North American ATLL has a distinct mutational and transcriptional profile and responds to epigenetic therapies. *Blood*, **2018**, 132, 1507-1518	2.2	44
345	Mechanisms of Progression of Myeloid Preleukemia to Transformed Myeloid Leukemia in Children with Down Syndrome. *Cancer Cell*, **2019**, 36, 123-138.e10	24.3	43
344	Oncogenic mutations of ALK in neuroblastoma. *Cancer Science*, **2011**, 102, 302-8	6.9	42
343	Whole-exome sequencing reveals the spectrum of gene mutations and the clonal evolution patterns in paediatric acute myeloid leukaemia. *British Journal of Haematology*, **2016**, 175, 476-489	4.5	42
342	Favorable outcome of patients who have 13q deletion: a suggestion for revision of the WHO 'MDS-U' designation. *Haematologica*, **2012**, 97, 1845-9	6.6	41
341	Gene expression and risk of leukemic transformation in myelodysplasia. *Blood*, **2017**, 130, 2642-2653	2.2	40
340	Derivation of functional mature neutrophils from human embryonic stem cells. *Blood*, **2009**, 113, 6584-92	2.2	40
339	Genetic profiling of myeloproliferative disorders by single-nucleotide polymorphism oligonucleotide microarray. *Experimental Hematology*, **2008**, 36, 1471-9	3.1	40
338	Gain-of-function mutation causes human combined immune deficiency. *Journal of Experimental Medicine*, **2018**, 215, 2715-2724	16.6	40
337	Two Aldehyde Clearance Systems Are Essential to Prevent Lethal Formaldehyde Accumulation in Mice and Humans. *Molecular Cell*, **2020**, 80, 996-1012.e9	17.6	39
336	GATA2 and secondary mutations in familial myelodysplastic syndromes and pediatric myeloid malignancies. *Haematologica*, **2015**, 100, e398-401	6.6	38
335	Whole-genome profiling of chromosomal aberrations in hepatoblastoma using high-density single-nucleotide polymorphism genotyping microarrays. *Cancer Science*, **2008**, 99, 564-70	6.9	36
334	Genomewide screening of DNA copy number changes in chronic myelogenous leukemia with the use of high-resolution array-based comparative genomic hybridization. *Genes Chromosomes and Cancer*, **2006**, 45, 482-94	5	36
333	Hematopoietic stem cell transplantation for progressive combined immunodeficiency and lymphoproliferation in patients with activated phosphatidylinositol-3-OH kinase syndrome type 1. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 266-275	11.5	35
332	SNP array analysis of tyrosine kinase inhibitor-resistant chronic myeloid leukemia identifies heterogeneous secondary genomic alterations. *Blood*, **2010**, 115, 1049-53	2.2	34
331	Splicing factor mutations in myelodysplasia. *International Journal of Hematology*, **2012**, 96, 438-42	2.3	33
330	A comprehensive characterization of -acting splicing-associated variants in human cancer. *Genome Research*, **2018**, 28, 1111-1125	9.7	32

329	Biochemical and Epigenetic Insights into L-2-Hydroxyglutarate, a Potential Therapeutic Target in Renal Cancer. *Clinical Cancer Research*, **2018**, 24, 6433-6446	12.9	32
328	Origins of myelodysplastic syndromes after aplastic anemia. *Blood*, **2017**, 130, 1953-1957	2.2	32
327	The BRG1/SOX9 axis is critical for acinar cell-derived pancreatic tumorigenesis. *Journal of Clinical Investigation*, **2018**, 128, 3475-3489	15.9	32
326	Prognostic analysis according to the 2017 ELN risk stratification by genetics in adult acute myeloid leukemia patients treated in the Japan Adult Leukemia Study Group (JALSG) AML201 study. *Leukemia Research*, **2018**, 66, 20-27	2.7	31
325	Frequent germline mutations of in sporadic subcutaneous panniculitis-like T-cell lymphoma. *Blood Advances*, **2019**, 3, 588-595	7.8	31
324	Clonal expansion in non-cancer tissues. *Nature Reviews Cancer*, **2021**, 21, 239-256	31.3	31
323	Single-nucleotide polymorphism array karyotyping in clinical practice: where, when, and how?. *Seminars in Oncology*, **2012**, 39, 13-25	5.5	30
322	Significance of perivascular tumour cells defined by CD109 expression in progression of glioma. *Journal of Pathology*, **2017**, 243, 468-480	9.4	29
321	Integration of Recurrent Somatic Mutations with Clinical Outcomes: A Pooled Analysis of 1049 Patients with Clear Cell Renal Cell Carcinoma. *European Urology Focus*, **2017**, 3, 421-427	5.1	29
320	Molecular characterization of the recurrent unbalanced translocation der(1;7)(q10;p10). *Blood*, **2003**, 102, 2597-604	2.2	29
319	Invariant patterns of clonal succession determine specific clinical features of myelodysplastic syndromes. *Nature Communications*, **2019**, 10, 5386	17.4	29
318	Deregulated intracellular signaling by mutated c-CBL in myeloid neoplasms. *Clinical Cancer Research*, **2010**, 16, 3825-31	12.9	28
317	TERT promoter mutations and chromosome 8p loss are characteristic of nonalcoholic fatty liver disease-related hepatocellular carcinoma. *International Journal of Cancer*, **2016**, 139, 2512-8	7.5	28
316	Identification of a SRC-like tyrosine kinase gene, FRK, fused with ETV6 in a patient with acute myelogenous leukemia carrying a t(6;12)(q21;p13) translocation. *Genes Chromosomes and Cancer*, **2005**, 42, 269-79	5	27
315	Exome sequencing identified as a novel causative gene for Diamond-Blackfan anemia. *Haematologica*, **2017**, 102, e93-e96	6.6	25
314	Evolutionary basis of HLA-DPB1 alleles affects acute GVHD in unrelated donor stem cell transplantation. *Blood*, **2018**, 131, 808-817	2.2	25
313	Clinical and genetic characteristics of congenital sideroblastic anemia: comparison with myelodysplastic syndrome with ring sideroblast (MDS-RS). *Annals of Hematology*, **2013**, 92, 1-9	3	25
312	Recurrent Translocations in Acute Promyelocytic Leukemia Lacking Translocation. *Cancer Research*, **2018**, 78, 4452-4458	10.1	25

311	Adult T-cell leukemia cells are characterized by abnormalities of Helios expression that promote T cell growth. *Cancer Science*, **2013**, 104, 1097-106	6.9	24
310	Recurrent genetic defects on chromosome 5q in myeloid neoplasms. *Oncotarget*, **2017**, 8, 6483-6495	3.3	24
309	Loss of DNA Damage Response in Neuroblastoma and Utility of a PARP Inhibitor. *Journal of the National Cancer Institute*, **2017**, 109,	9.7	23
308	Single-cell analysis based dissection of clonality in myelofibrosis. *Nature Communications*, **2020**, 11, 73	17.4	23
307	Comprehensive analysis of genetic aberrations linked to tumorigenesis in regenerative nodules of liver cirrhosis. *Journal of Gastroenterology*, **2019**, 54, 628-640	6.9	23
306	Germline loss-of-function and alterations in adult myelodysplastic syndromes. *Blood*, **2018**, 132, 2309-2313	17.3	23
305	Early detection and evolution of preleukemic clones in therapy-related myeloid neoplasms following autologous SCT. *Blood*, **2018**, 131, 1846-1857	2.2	21
304	Transcriptome analysis offers a comprehensive illustration of the genetic background of pediatric acute myeloid leukemia. *Blood Advances*, **2019**, 3, 3157-3169	7.8	21
303	Combined Cohesin-RUNX1 Deficiency Synergistically Perturbs Chromatin Looping and Causes Myelodysplastic Syndromes. *Cancer Discovery*, **2020**, 10, 836-853	24.4	21
302	Somatic Mutations and Clonal Hematopoiesis in Aplastic Anemia. *New England Journal of Medicine*, **2015**, 373, 1675-6	59.2	20
301	RNA fusions involving are rare in peripheral T-cell lymphomas and concentrate mainly in those derived from follicular helper T cells. *Haematologica*, **2018**, 103, e360-e363	6.6	20
300	Hepatoblastoma in a patient with sotos syndrome. *Journal of Pediatrics*, **2009**, 155, 937-9	3.6	20
299	NOTCH1 pathway activating mutations and clonal evolution in pediatric T-cell acute lymphoblastic leukemia. *Cancer Science*, **2019**, 110, 784-794	6.9	20
298	HapMuC: somatic mutation calling using heterozygous germ line variants near candidate mutations. *Bioinformatics*, **2014**, 30, 3302-9	7.2	19
297	Frequent genetic alterations in immune checkpoint-related genes in intravascular large B-cell lymphoma. *Blood*, **2021**, 137, 1491-1502	2.2	19
296	Late-Onset Combined Immunodeficiency with a Novel IL2RG Mutation and Probable Revertant Somatic Mosaicism. *Journal of Clinical Immunology*, **2015**, 35, 610-4	5.7	18
295	PIEZO1 gene mutation in a Japanese family with hereditary high phosphatidylcholine hemolytic anemia and hemochromatosis-induced diabetes mellitus. *International Journal of Hematology*, **2016**, 104, 125-9	2.3	18
294	De Novo Mutations Activating Germline TP53 in an Inherited Bone-Marrow-Failure Syndrome. *American Journal of Human Genetics*, **2018**, 103, 440-447	11	18

293	Autonomous feedback loop of RUNX1-p53-CBFB in acute myeloid leukemia cells. *Scientific Reports*, **2017**, 7, 16604	4.9	18
292	Genome-wide surveillance of mismatched alleles for graft-versus-host disease in stem cell transplantation. *Blood*, **2015**, 126, 2752-63	2.2	18
291	Detection of the G17V RHOA mutation in angioimmunoblastic T-cell lymphoma and related lymphomas using quantitative allele-specific PCR. *PLoS ONE*, **2014**, 9, e109714	3.7	18
290	Aberrant DNA Methylation Is Associated with a Poor Outcome in Juvenile Myelomonocytic Leukemia. *PLoS ONE*, **2015**, 10, e0145394	3.7	18
289	High-risk HLA alleles for severe acute graft-versus-host disease and mortality in unrelated donor bone marrow transplantation. *Haematologica*, **2016**, 101, 491-8	6.6	18
288	Variegated RHOA mutations in human cancers. *Experimental Hematology*, **2016**, 44, 1123-1129	3.1	18
287	Molecular pathogenesis of disease progression in MLL-rearranged AML. *Leukemia*, **2019**, 33, 612-624	10.7	18
286	Genetic and transcriptional landscape of plasma cells in POEMS syndrome. *Leukemia*, **2019**, 33, 1723-1735	10.7	18
285	Dasatinib Is an Effective Treatment for Angioimmunoblastic T-cell Lymphoma. *Cancer Research*, **2020**, 80, 1875-1884	10.1	18
284	BCL6 locus is hypermethylated in angioimmunoblastic T-cell lymphoma. *International Journal of Hematology*, **2017**, 105, 465-469	2.3	17
283	BRCC3 mutations in myeloid neoplasms. *Haematologica*, **2015**, 100, 1051-7	6.6	17
282	Identification of the genetic and clinical characteristics of neuroblastomas using genome-wide analysis. *Oncotarget*, **2017**, 8, 107513-107529	3.3	17
281	Novel lincRNA SLINKY is a prognostic biomarker in kidney cancer. *Oncotarget*, **2017**, 8, 18657-18669	3.3	16
280	Deep sequencing in cancer research. *Japanese Journal of Clinical Oncology*, **2013**, 43, 110-5	2.8	16
279	Clinical significance of ASXL2 and ZBTB7A mutations and C-terminally truncated RUNX1-RUNX1T1 expression in AML patients with t(8;21) enrolled in the JALSG AML201 study. *Annals of Hematology*, **2019**, 98, 83-91	3	16
278	Common Variable Immunodeficiency Caused by FANC Mutations. *Journal of Clinical Immunology*, **2017**, 37, 434-444	5.7	15
277	Impact of SNP array karyotyping on the diagnosis and the outcome of chronic myelomonocytic leukemia with low risk cytogenetic features or no metaphases. *American Journal of Hematology*, **2016**, 91, 185-92	7.1	15
276	Integrated Molecular Characterization of the Lethal Pediatric Cancer Pancreatoblastoma. *Cancer Research*, **2018**, 78, 865-876	10.1	15

275	Infection perturbs Bach2- and Bach1-dependent erythroid lineage 'choice' to cause anemia. *Nature Immunology*, **2018**, 19, 1059-1070	19.1	15
274	Clinical and genetic features of dyskeratosis congenita, cryptic dyskeratosis congenita, and Hoyeraal-Hreidarsson syndrome in Japan. *International Journal of Hematology*, **2015**, 102, 544-52	2.3	14
273	Variegated clonality and rapid emergence of new molecular lesions in xenografts of acute lymphoblastic leukemia are associated with drug resistance. *Experimental Hematology*, **2015**, 43, 32-43.e1-35	3.1	14
272	Whole-Exome Sequencing-Based Approach for Germline Mutations in Patients with Inborn Errors of Immunity. *Journal of Clinical Immunology*, **2020**, 40, 729-740	5.7	14
271	Differential expression of individual transcript variants of PD-1 and PD-L2 genes on Th-1/Th-2 status is guaranteed for prognosis prediction in PCNSL. *Scientific Reports*, **2019**, 9, 10004	4.9	14
270	Cbl-family ubiquitin ligases and their recruitment of CIN85 are largely dispensable for epidermal growth factor receptor endocytosis. *International Journal of Biochemistry and Cell Biology*, **2014**, 57, 123-34	5.6	14
269	Diagnostic challenge of Diamond-Blackfan anemia in mothers and children by whole-exome sequencing. *International Journal of Hematology*, **2017**, 105, 515-520	2.3	14
268	Clinical significance and origin of leukocytes that lack HLA-A allele expression in patients with acquired aplastic anemia. *Experimental Hematology*, **2016**, 44, 931-939.e3	3.1	14
267	Novel neuroblastoma amplified sequence () mutations in a Japanese boy with fever-triggered recurrent acute liver failure. *Human Genome Variation*, **2019**, 6, 2	1.8	14
266	Genetic analysis of a case of Helicobacter pylori-uninfected intramucosal gastric cancer in a family with hereditary diffuse gastric cancer. *Gastric Cancer*, **2019**, 22, 892-898	7.6	14
265	Hypoxic adaptation of leukemic cells infiltrating the CNS affords a therapeutic strategy targeting VEGFA. *Blood*, **2017**, 129, 3126-3129	2.2	13
264	Acquired expression of in mice induces dysplastic myelopoiesis mimicking chronic myelomonocytic leukemia. *Blood*, **2017**, 129, 2148-2160	2.2	13
263	Generation of HLA-DRB1*1501-restricted p190 minor bcr-abl (e1a2)-specific CD4+ T lymphocytes. *British Journal of Haematology*, **2000**, 109, 435-7	4.5	13
262	Frequent loss of the cyclin-dependent kinase-4 inhibitor gene in human gliomas. *Japanese Journal of Cancer Research*, **1995**, 86, 342-6		13
261	Molecular classification and diagnostics of upper urinary tract urothelial carcinoma. *Cancer Cell*, **2021**, 39, 793-809.e8	24.3	13
260	Induction of HLA-B*40:02-restricted T cells possessing cytotoxic and suppressive functions against haematopoietic progenitor cells from a patient with severe aplastic anaemia. *British Journal of Haematology*, **2016**, 172, 131-4	4.5	13
259	Sustained clonal hematopoiesis by HLA-lacking hematopoietic stem cells without driver mutations in aplastic anemia. *Blood Advances*, **2018**, 2, 1000-1012	7.8	13
258	Genetic heterogeneity of uncharacterized childhood autoimmune diseases with lymphoproliferation. *Pediatric Blood and Cancer*, **2018**, 65, e26831	3	12

257	Prognostic value of genetic mutations in adolescent and young adults with acute myeloid leukemia. *International Journal of Hematology*, **2018**, 107, 201-210	2.3	12
256	Adults with germline CBL mutation complicated with juvenile myelomonocytic leukemia at infancy. *Journal of Human Genetics*, **2016**, 61, 523-6	4.3	12
255	Genome-Wide Analysis of Ocular Adnexal Lymphoproliferative Disorders Using High-Resolution Single Nucleotide Polymorphism Array **2015**, 56, 4156-65		12
254	Frameshift mutations of the hMSH6 gene in human leukemia cell lines. *Japanese Journal of Cancer Research*, **1998**, 89, 33-9		12
253	Molecular characterization of the genomic breakpoints in a case of t(3;21)(q26;q22) **1999**, 26, 92-96		12
252	Recurrent mutations in -rearranged acute myeloid leukemia. *Blood Advances*, **2018**, 2, 2879-2889	7.8	12
251	ASXL2 mutations are frequently found in pediatric AML patients with t(8;21)/ RUNX1-RUNX1T1 and associated with a better prognosis. *Genes Chromosomes and Cancer*, **2017**, 56, 382-393	5	11
250	KLF1 mutation E325K induces cell cycle arrest in erythroid cells differentiated from congenital dyserythropoietic anemia patient-specific induced pluripotent stem cells. *Experimental Hematology*, **2019**, 73, 25-37.e8	3.1	11
249	ASXL2 regulates hematopoiesis in mice and its deficiency promotes myeloid expansion. *Haematologica*, **2018**, 103, 1980-1990	6.6	11
248	Whole-exome sequence analysis of ataxia telangiectasia-like phenotype. *Journal of the Neurological Sciences*, **2014**, 340, 86-90	3.2	11
247	Metachronous anaplastic sarcoma of the kidney and thyroid follicular carcinoma as manifestations of DICER1 abnormalities. *Human Pathology*, **2017**, 61, 205-209	3.7	11
246	Gain-of-function c-CBL mutations associated with uniparental disomy of 11q in myeloid neoplasms. *Cell Cycle*, **2010**, 9, 1051-6	4.7	11
245	Hemophagocytic syndrome associated with non-Hodgkin's lymphoma of B-cell type. *American Journal of Hematology*, **1994**, 47, 335-6	7.1	11
244	Integrated multiomics analysis of hepatoblastoma unravels its heterogeneity and provides novel druggable targets. *Npj Precision Oncology*, **2020**, 4, 20	9.8	11
243	Somatic mosaicism in chronic myeloid leukemia in remission. *Blood*, **2016**, 128, 2863-2866	2.2	11
242	Structural Determinants of the Gain-of-Function Phenotype of Human Leukemia-associated Mutant CBL Oncogene. *Journal of Biological Chemistry*, **2017**, 292, 3666-3682	5.4	10
241	Myelodysplastic Syndrome-Associated SRSF2 Mutations Cause Splicing Changes by Altering Binding Motif Sequences. *Frontiers in Genetics*, **2019**, 10, 338	4.5	10
240	LUBAC accelerates B-cell lymphomagenesis by conferring resistance to genotoxic stress on B cells. *Blood*, **2020**, 136, 684-697	2.2	10

239	Dysregulation of Epstein-Barr Virus Infection in Hypomorphic ZAP70 Mutation. *Journal of Infectious Diseases*, **2018**, 218, 825-834	7	10
238	Increased serum soluble Fas ligand associated with recurrent B-cell non-Hodgkin's lymphoma after autologous peripheral blood stem cell transplantation. *Leukemia and Lymphoma*, **1999**, 34, 625-8	1.9	10
237	Unbiased Detection of Driver Mutations in Extramammary Paget Disease. *Clinical Cancer Research*, **2021**, 27, 1756-1765	12.9	10
236	Landscape of driver mutations and their clinical impacts in pediatric B-cell precursor acute lymphoblastic leukemia. *Blood Advances*, **2020**, 4, 5165-5173	7.8	10
235	The transcription factor E2A activates multiple enhancers that drive expression in developing T and B cells. *Science Immunology*, **2020**, 5,	28	10
234	Somatic mutations in lymphocytes in patients with immune-mediated aplastic anemia. *Leukemia*, **2021**, 35, 1365-1379	10.7	10
233	Combined landscape of single-nucleotide variants and copy number alterations in clonal hematopoiesis. *Nature Medicine*, **2021**, 27, 1239-1249	50.5	10
232	PAK Kinase Inhibition Has Therapeutic Activity in Novel Preclinical Models of Adult T-Cell Leukemia/Lymphoma. *Clinical Cancer Research*, **2019**, 25, 3589-3601	12.9	9
231	Pathogenic mutations identified by a multimodality approach in 117 Japanese Fanconi anemia patients. *Haematologica*, **2019**, 104, 1962-1973	6.6	9
230	Novel DDX41 variants in Thai patients with myeloid neoplasms. *International Journal of Hematology* , **2020**, 111, 241-246	2.3	9
229	Clonally related diffuse large B-cell lymphoma and interdigitating dendritic cell sarcoma sharing translocation. *Haematologica*, **2018**, 103, e553-e556	6.6	9
228	Copy number analysis identifies tumor suppressive lncRNAs in human osteosarcoma. *International Journal of Oncology*, **2017**, 50, 863-872	4.4	8
227	Immune-Mediated Hematopoietic Failure after Allogeneic Hematopoietic Stem Cell Transplantation: A Common Cause of Late Graft Failure in Patients with Complete Donor Chimerism. *Biology of Blood and Marrow Transplantation*, **2018**, 24, 43-49	4.7	8
226	mutations in pediatric acute myeloid leukemia are associated with distinct genetic features and an inferior prognosis. *Blood*, **2018**, 131, 2266-2270	2.2	8
225	Integrated genetic and epigenetic analysis revealed heterogeneity of acute lymphoblastic leukemia in Down syndrome. *Cancer Science*, **2019**, 110, 3358-3367	6.9	8
224	DNA methylation-based classification reveals difference between pediatric T-cell acute lymphoblastic leukemia and normal thymocytes. *Leukemia*, **2020**, 34, 1163-1168	10.7	8
223	Single cell genotyping of exome sequencing-identified mutations to characterize the clonal composition and evolution of inv(16) AML in a CBL mutated clonal hematopoiesis. *Leukemia Research*, **2016**, 47, 41-6	2.7	8
222	The phenotype and clinical course of Japanese Fanconi Anaemia infants is influenced by patient, but not maternal ALDH2 genotype. *British Journal of Haematology*, **2016**, 175, 457-461	4.5	8

221	RNAmut: robust identification of somatic mutations in acute myeloid leukemia using RNA-sequencing. *Haematologica*, **2020**, 105, e290-e293	6.6	7
220	Glucagonoma With Necrolytic Migratory Erythema: Metabolic Profile and Detection of Biallelic Inactivation of DAXX Gene. *Journal of Clinical Endocrinology and Metabolism*, **2018**, 103, 2417-2423	5.6	7
219	Growth inhibition of leukaemic cells carrying the t(3;21) by the AML1/EVI-1-specific antisense oligonucleotide. *British Journal of Haematology*, **1995**, 90, 711-4	4.5	7
218	VAV1 mutations contribute to development of T-cell neoplasms in mice. *Blood*, **2020**, 136, 3018-3032	2.2	7
217	Genetic and clinical landscape of breast cancers with germline BRCA1/2 variants. *Communications Biology*, **2020**, 3, 578	6.7	7
216	Clonal evolution and clinical implications of genetic abnormalities in blastic transformation of chronic myeloid leukaemia. *Nature Communications*, **2021**, 12, 2833	17.4	7
215	Genomic analysis of clonal origin of Langerhans cell histiocytosis following acute lymphoblastic leukaemia. *British Journal of Haematology*, **2016**, 175, 169-72	4.5	7
214	A histone modifier, ASXL1, interacts with NONO and is involved in paraspeckle formation in hematopoietic cells. *Cell Reports*, **2021**, 36, 109576	10.6	7
213	Constitutional abnormalities of IDH1 combined with secondary mutations predispose a patient with Maffucci syndrome to acute lymphoblastic leukemia. *Pediatric Blood and Cancer*, **2017**, 64, e26647	3	6
212	A case of malignant rhabdoid tumor mimicking yolk sac tumor. *Pediatric Blood and Cancer*, **2019**, 66, e27384	3	6
211	Comprehensive Analysis of Aberrant RNA Splicing in Myelodysplastic Syndromes. *Blood*, **2014**, 124, 826-826	22.6	6
210	Highly immunogenic cancer cells require activation of the WNT pathway for immunological escape. *Science Immunology*, **2021**, 6, eabc6424	28	6
209	Distinct and convergent consequences of splice factor mutations in myelodysplastic syndromes. *American Journal of Hematology*, **2020**, 95, 133-143	7.1	6
208	Associations of complementation group, ALDH2 genotype, and clonal abnormalities with hematological outcome in Japanese patients with Fanconi anemia. *Annals of Hematology*, **2019**, 98, 271-280	3	6
207	Decreased RORC expression and downstream signaling in HTLV-1-associated adult T-cell lymphoma/leukemia uncovers an antiproliferative IL17 link: A potential target for immunotherapy?. *International Journal of Cancer*, **2019**, 144, 1664-1675	7.5	6
206	Escape hematopoiesis by HLA-B5401-lacking hematopoietic stem progenitor cells in men with acquired aplastic anemia. *Haematologica*, **2019**, 104, e447-e450	6.6	5
205	Genetic basis of myelodysplastic syndromes. *Proceedings of the Japan Academy Series B: Physical and Biological Sciences*, **2020**, 96, 107-121	4	5
204	Molecular pathogenesis of progression to myeloid leukemia from TET-insufficient status. *Blood Advances*, **2020**, 4, 845-854	7.8	5

203	Blastic plasmacytoid dendritic cell neoplasm arising from clonal hematopoiesis. *International Journal of Hematology*, **2018**, 108, 447-451	2.3	5
202	Truncation and microdeletion of EVC/EVC2 with missense mutation of EFCAB7 in Ellis-van Creveld syndrome. *Congenital Anomalies (discontinued)*, **2016**, 56, 209-16	1.1	5
201	Toll-like receptor genetic variations in bone marrow transplantation. *Oncotarget*, **2017**, 8, 45670-45686	3.3	5
200	Whole-genome landscape of adult T-cell leukemia/lymphoma. *Blood*, **2021**,	2.2	5
199	Noonan syndrome-associated biallelic LZTR1 mutations cause cardiac hypertrophy and vascular malformations in zebrafish. *Molecular Genetics & Genomic Medicine*, **2020**, 8, e1107	2.3	5
198	Fusion partner-specific mutation profiles and KRAS mutations as adverse prognostic factors in MLL-rearranged AML. *Blood Advances*, **2020**, 4, 4623-4631	7.8	5
197	Clinical utility of target capture-based panel sequencing in hematological malignancies: A multicenter feasibility study. *Cancer Science*, **2020**, 111, 3367-3378	6.9	5
196	Analysis of disease model iPSCs derived from patients with a novel Fanconi anemia-like IBMFS ADH5/ALDH2 deficiency. *Blood*, **2021**, 137, 2021-2032	2.2	5
195	Modification of cellular and humoral immunity by somatically reverted T cells in X-linked lymphoproliferative syndrome type 1. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 421-424.e11	11.5	5
194	A founder variant in the South Asian population leads to a high prevalence of FANCL Fanconi anemia cases in India. *Human Mutation*, **2020**, 41, 122-128	4.7	5
193	Profiling the inhibitory receptors LAG-3, TIM-3, and TIGIT in renal cell carcinoma reveals malignancy. *Nature Communications*, **2021**, 12, 5547	17.4	5
192	Predisposed genomic instability in pre-treatment bone marrow evolves to therapy-related myeloid neoplasms in malignant lymphoma. *Haematologica*, **2020**, 105, e337-e339	6.6	4
191	Progression to polythythemia vera from familial thrombocytosis with germline JAK2 R867Q mutation. *Annals of Hematology*, **2018**, 97, 737-739	3	4
190	MDS-related mutations in aplastic anemia. *Blood*, **2014**, 124, 2619-20	2.2	4
189	Molecular studies reveal and gene fusions displaced in a case of infantile acute lymphoblastic leukemia with complex karyotype. *Oncology Letters*, **2017**, 14, 2295-2299	2.6	4
188	CTX-712, a Novel Clk Inhibitor Targeting Myeloid Neoplasms with SRSF2 Mutation. *Blood*, **2019**, 134, 404-404	2.2	4
187	SRSF2 is Mutated in 47.2% (77/163) of Chronic Myelomonocytic Leukemia (CMML) and Prognostically Favorable in Cases with Concomitant RUNX1 mutations. *Blood*, **2011**, 118, 274-274	2.2	4
186	In Analogy to AML, MDS Can be Sub-Classified By Ancestral Mutations. *Blood*, **2014**, 124, 823-823	2.2	4

185	Clinical significance of RAS pathway alterations in pediatric acute myeloid leukemia. *Haematologica*, **2021**,	6.6	4
184	Indolent feature of Helicobacter pylori-uninfected intramucosal signet ring cell carcinomas with CDH1 mutations. *Gastric Cancer*, **2021**, 24, 1102-1114	7.6	4
183	Paraneoplastic hypereosinophilic syndrome associated with IL3-IgH positive acute lymphoblastic leukemia. *Pediatric Blood and Cancer*, **2019**, 66, e27449	3	4
182	Reduced-intensity conditioning is effective for hematopoietic stem cell transplantation in young pediatric patients with Diamond-Blackfan anemia. *Bone Marrow Transplantation*, **2021**, 56, 1013-1020	4.4	4
181	Whole-exome analysis to detect congenital hemolytic anemia mimicking congenital dyserythropoietic anemia. *International Journal of Hematology*, **2018**, 108, 306-311	2.3	4
180	Blastic transformation of juvenile myelomonocytic leukemia caused by the copy number gain of oncogenic KRAS. *Pediatric Blood and Cancer*, **2017**, 64, e26496	3	3
179	TET2 haploinsufficiency alters reprogramming into induced pluripotent stem cells. *Stem Cell Research*, **2020**, 44, 101755	1.6	3
178	Classification of clear cell renal cell carcinoma based on alternative splicing. *Heliyon*, **2020**, 6, e03440	3.6	3
177	Sudden Intracranial Hemorrhage in a Patient With Atypical Chronic Myeloid Leukemia in Chronic Phase. *Journal of Pediatric Hematology/Oncology*, **2018**, 40, e553-e556	1.2	3
176	High Density SNP Arrays Reveal That Distinct Clonal Lesions Including Uniparental Disomy Can Be Detected in a Proportion of Patients with Aplastic Anemia with Normal Metaphase Cytogenetics.. *Blood*, **2006**, 108, 125-125	2.2	3
175	Landscape Of Genetic Lesions In 944 Patients With Myelodysplastic Syndromes. *Blood*, **2013**, 122, 521-521	21.2	3
174	Clonal Hematopoiesis: Cell of Origin, Lineage Repartition and Dynamic Evolution during Chemotherapy. *Blood*, **2017**, 130, 632-632	2.2	3
173	Comprehensive genetic analysis of pediatric germ cell tumors identifies potential drug targets. *Communications Biology*, **2020**, 3, 544	6.7	3
172	Prominence of nestin-expressing Schwann cells in bone marrow of patients with myelodysplastic syndromes with severe fibrosis. *International Journal of Hematology*, **2019**, 109, 309-318	2.3	3
171	Genome analysis of myelodysplastic syndromes among atomic bomb survivors in Nagasaki. *Haematologica*, **2020**, 105, 358-365	6.6	3
170	A frequent nonsense mutation in exon 1 across certain HLA-A and -B alleles in leukocytes of patients with acquired aplastic anemia. *Haematologica*, **2021**, 106, 1581-1590	6.6	3
169	Frequent mutations in HLA and related genes in extranodal NK/T cell lymphomas. *Leukemia and Lymphoma*, **2021**, 62, 95-103	1.9	3
168	Association of high-risk neuroblastoma classification based on expression profiles with differentiation and metabolism. *PLoS ONE*, **2021**, 16, e0245526	3.7	3

167	Discovery of Functional Alternatively Spliced Transcripts in Human Cancers. *Cancers*, **2021**, 13,	6.6	3
166	The HTLV-1 viral oncoproteins Tax and HBZ reprogram the cellular mRNA splicing landscape. *PLoS Pathogens*, **2021**, 17, e1009919	7.6	3
165	Duplication of F1245 missense mutation due to acquired uniparental disomy associated with aggressive progression in a patient with relapsed neuroblastoma. *Oncology Letters*, **2019**, 17, 3323-3329	2.6	2
164	Acute myeloid leukemia with a cryptic NUP98/PRRX2 rearrangement developing after low-dose methotrexate therapy for rheumatoid arthritis. *Annals of Hematology*, **2019**, 98, 2841-2843	3	2
163	Distinct, Ethnic, Clinical, and Genetic Characteristics of Myelodysplastic Syndromes with Der(1;7). *Blood*, **2019**, 134, 5392-5392	2.2	2
162	Clinical Impacts of Germline DDX41 Mutations on Myeloid Neoplasms. *Blood*, **2020**, 136, 38-40	2.2	2
161	Mutational Spectrum Analysis of Interesting Correlation and Interrelationship Between RNA Splicing Pathway and Commonly Targeted Genes in Myelodysplastic Syndrome. *Blood*, **2011**, 118, 273-273	2.2	2
160	Biological Analysis of SRSF2 Mutations in Leukemogenesis. *Blood*, **2012**, 120, 1282-1282	2.2	2
159	Somatic Mutations in Schinzel-Giedion Syndrome Gene SETBP1 Determine Progression in Myeloid Malignancies. *Blood*, **2012**, 120, 2-2	2.2	2
158	Somatic G17V Rhoa Mutation Specifies Angioimmunoblastic T-Cell Lymphoma. *Blood*, **2013**, 122, 815-815	2.2	2
157	Secondary Pulmonary Alveolar Proteinosis Following Treatment with Azacitidine for Myelodysplastic Syndrome. *Internal Medicine*, **2020**, 59, 1081-1086	1.1	2
156	Hematopoietic stem progenitor cells lacking HLA differ from those lacking GPI-anchored proteins in the hierarchical stage and sensitivity to immune attack in patients with acquired aplastic anemia. *Leukemia*, **2021**, 35, 3257-3267	10.7	2
155	Clonal evidence for the development of neuroblastoma with extensive copy-neutral loss of heterozygosity arising in a mature teratoma. *Cancer Science*, **2021**, 112, 2921-2927	6.9	2
154	Optimization of prediction methods for risk assessment of pathogenic germline variants in the Japanese population. *Cancer Science*, **2021**, 112, 3338-3348	6.9	2
153	HLA class I allele-lacking leukocytes predict rare clonal evolution to MDS/AML in patients with acquired aplastic anemia. *Blood*, **2021**, 137, 3576-3580	2.2	2
152	Proteogenomic identification of an immunogenic HLA class I neoantigen in mismatch repair-deficient colorectal cancer tissue. *JCI Insight*, **2021**, 6,	9.9	2
151	Acquisition of monosomy 7 and a RUNX1 mutation in Pearson syndrome. *Pediatric Blood and Cancer* , **2021**, 68, e28799	3	2
150	Co-mutation pattern, clonal hierarchy, and clone size concur to determine disease phenotype of SRSF2-mutated neoplasms. *Leukemia*, **2021**, 35, 2371-2381	10.7	2

149	Clonal hematopoiesis in adult pure red cell aplasia. *Scientific Reports*, **2021**, 11, 2253	4.9	2
148	Two siblings with familial neuroblastoma with distinct clinical phenotypes harboring an ALK germline mutation. *Genes Chromosomes and Cancer*, **2018**, 57, 665-669	5	2
147	Stratification of patients with clear cell renal cell carcinoma to facilitate drug repositioning. *IScience* , **2021**, 24, 102722	6.1	2
146	Partial monosomy of 10p and duplication of another chromosome in two patients. *Pediatrics International*, **2017**, 59, 99-102	1.2	1
145	Remission clone in acute myeloid leukemia shows growth advantage after chemotherapy but is distinct from leukemic clone. *Experimental Hematology*, **2019**, 75, 26-30	3.1	1
144	Distinct gene alterations with a high percentage of myeloperoxidase-positive leukemic blasts in de novo acute myeloid leukemia. *Leukemia Research*, **2018**, 65, 34-41	2.7	1
143	ALDH2 polymorphism in patients with Diamond-Blackfan anemia in Japan. *International Journal of Hematology*, **2016**, 103, 112-4	2.3	1
142	Identification of a Novel Titin Variant Underlying Myocardial Involvement in Neurofibromatosis Type 1. *Canadian Journal of Cardiology*, **2018**, 34, 1369.e5-1369.e7	3.8	1
141	Atypical dyskeratosis congenita diagnosed using whole-exome sequencing. *Pediatrics International*, **2017**, 59, 933-935	1.2	1
140	Molecular cytogenetic analyses of HIG, a novel human cell line carrying t(1;3)(p36.3;q25.3) established from a patient with chronic myelogenous leukemia in blastic crisis. *International Journal of Hematology*, **2003**, 78, 432-8	2.3	1
139	Genotype-Phenotype Relationships and Therapeutic Targets in Acute Erythroid Leukemia. *Blood*, **2020**, 136, 17-18	2.2	1
138	Prognostic Relevance of Genetic Abnormalities in Blastic Transformation of Chronic Myeloid Leukemia. *Blood*, **2020**, 136, 3-4	2.2	1
137	Identification of Chromosomal Abnormalities in Healthy Bone Marrow Using 250K SNP Arrays.. *Blood*, **2006**, 108, 2076-2076	2.2	1
136	SNP Karyotyping in Myelodysplastic Syndromes (MDS) Reveals the Presence of Cryptic Karyotypic Abnormalities, Including Uniparental Disomy, and Has Important Prognostic Implications.. *Blood*, **2006**, 108, 853-853	2.2	1
135	Frequent Pathway Mutations of Splicing Machinery in Myelodysplasia. *Blood*, **2011**, 118, 458-458	2.2	1
134	Whole Exome Sequencing to Predict Response to Hypomethylating Agents in MDS. *Blood*, **2012**, 120, 1698-1698	2.2	1
133	Mutation Screening Associated with Chromosome 7 Abnormalities Using Next Generation Whole Exome Sequencing. *Blood*, **2012**, 120, 173-173	2.2	1
132	Genetic Basis of Myeloid Proliferation Related to Down Syndrome. *Blood*, **2012**, 120, 535-535	2.2	1

131	Hypermethylation of Bcl6 Is a Potential Cause of Development of Lymphoma with Tfh Features in Tet2 Knockdown Mice. *Blood*, **2013**, 122, 2490-2490	2.2	1
130	PRPF8 Defects Cause Missplicing In Myeloid Malignancies. *Blood*, **2013**, 122, 2838-2838	2.2	1
129	Spliceosomal Gene LUC7L2 Mutation Causes Missplicing and Alteration Of Gene Expression In Myeloid Neoplasms. *Blood*, **2013**, 122, 470-470	2.2	1
128	Clinical MUTATOME Of Myelodysplastic Syndrome; Comparison To Primary Acute Myelogenous Leukemia. *Blood*, **2013**, 122, 518-518	2.2	1
127	ZRSR2 Mutations Cause Dysregulated RNA Splicing in MDS. *Blood*, **2014**, 124, 4609-4609	2.2	1
126	Genetic Background of Idiopathic Bone Marrow Failure Syndromes in Children. *Blood*, **2015**, 126, 3610-3610	2.2	1
125	EPOR/JAK/STAT Signaling Pathway As Therapeutic Target of Acute Erythroid Leukemia. *Blood*, **2021**, 138, 610-610	2.2	1
124	Soluble PD-L1 through alternative polyadenylation works as a decoy in lung cancer immunotherapy. *JCI Insight*, **2021**,	9.9	1
123	Rearrangement and Deletion of the PAX5 Gene in Pediatric Acute B-Cell Lineage Lymphoblastic Leukemia.. *Blood*, **2007**, 110, 981-981	2.2	1
122	Alteration of the immune environment in bone marrow from children with recurrent B cell precursor acute lymphoblastic leukemia. *Cancer Science*, **2021**,	6.9	1
121	Prognostic model of lower grade gliomas.. *Journal of Clinical Oncology*, **2015**, 33, 2038-2038	2.2	1
120	Identification of Two New DBA Genes, RPS27 and RPL27, by Whole-Exome Sequencing in Diamond-Blackfan Anemia Patients. *Blood*, **2012**, 120, 984-984	2.2	1
119	Various Germline Congenital Disorder Genes Are Somatically Mutated in Myeloid Malignancies. *Blood*, **2012**, 120, 1405-1405	2.2	1
118	Chromatin-Spliceosome Mutations in Acute Myeloid Leukemia. *Cancers*, **2021**, 13,	6.6	1
117	A Possible Association Between a Nucleotide-Binding Domain LRR-Containing Protein Family PYD-Containing Protein 1 Mutation and an Autoinflammatory Disease Involving Liver Cirrhosis. *Hepatology*, **2021**, 74, 2296-2299	11.2	1
116	Next-generation sequencing in two cases of de novo acute basophilic leukaemia. *Journal of Cellular and Molecular Medicine*, **2021**, 25, 7095-7099	5.6	1
115	Single-Cell Analysis of the Multicellular Ecosystem in Viral Carcinogenesis by HTLV-1. *Blood Cancer Discovery*, **2021**, 2, 450-467	7	1
114	Ring sideroblasts in AML are associated with adverse risk characteristics and have a distinct gene expression pattern. *Blood Advances*, **2019**, 3, 3111-3122	7.8	1

113	Persistent clonal cytogenetic abnormality with del(20q) from an initial diagnosis of acute promyelocytic leukemia. *International Journal of Hematology*, **2020**, 111, 311-316	2.3	1
112	Absence of a common founder mutation in patients with cooccurring myelodysplastic syndrome and plasma cell disorder. *Blood*, **2021**, 137, 1260-1263	2.2	1
111	Germline RUNX1 translocation in familial platelet disorder with propensity to myeloid malignancies. *Annals of Hematology*, **2021**, 1	3	1
110	XPO1 inhibitors represent a novel therapeutic option in Adult T-cell Leukemia, triggering p53-mediated caspase-dependent apoptosis. *Blood Cancer Journal*, **2021**, 11, 27	7	1
109	A Cryptic NUP214-ABL1 Fusion in B-cell Precursor Acute Lymphoblastic Leukemia. *Journal of Pediatric Hematology/Oncology*, **2018**, 40, e397-e399	1.2	1
108	Hidden FLT3-D835Y clone in FLT3-ITD-positive acute myeloid leukemia that evolved into very late relapse with T-lymphoblastic leukemia. *Leukemia and Lymphoma*, **2018**, 59, 1490-1493	1.9	1
107	The Evolving Genomic Landscape of Esophageal Squamous Cell Carcinoma Under Chemoradiotherapy. *Cancer Research*, **2021**, 81, 4926-4938	10.1	1
106	Molecular characterization of the genomic breakpoints in a case of t(3;21)(q26;q22) **1999**, 26, 92		1
105	Oncogenic FGFR1 mutation and amplification in common cellular origin in a composite tumor with neuroblastoma and pheochromocytoma.. *Cancer Science*, **2021**,	6.9	1
104	Pseudouridine-modified tRNA fragments repress aberrant protein synthesis and predict leukaemic progression in myelodysplastic syndrome.. *Nature Cell Biology*, **2022**, 24, 299-306	23.4	1
103	Prediction of drug candidates for clear cell renal cell carcinoma using a systems biology-based drug repositioning approach.. *EBioMedicine*, **2022**, 78, 103963	8.8	1
102	Description of longitudinal tumor evolution in a case of multiply relapsed clear cell sarcoma of the kidney.. *Cancer Reports*, **2021**, e1458	1.5	1
101	A Case of Tyrosine Kinase Inhibitor-Resistant Chronic Myeloid Leukemia, Chronic Phase with ASXL1 Mutation. *Case Reports in Oncology*, **2020**, 13, 449-455	1	0
100	Deciphering the Clonal Origin of Relapsed Acute Lymphoblastic Leukemia in Children. *Blood Cancer Discovery*, **2020**, 1, 21-22	7	0
99	Preclinical Evaluation of a Novel MALT1 Inhibitor CTX-177 for Relapse/Refractory Lymphomas. *Blood*, **2020**, 136, 3-4	2.2	0
98	Functional Characterization of Compound DDX41 Germline and Somatic R525H Mutations in the Development of Myeloid Malignancies. *Blood*, **2020**, 136, 21-22	2.2	0
97	Identification of an asymptomatic Shwachman-Bodian-Diamond syndrome mutation in a patient with acute myeloid leukemia. *International Journal of Hematology*, **2021**, 1	2.3	0
96	Maturing papillomatous nevoid melanoma in the scalp mimicking recurrent melanocytic nevus: A case report of previously undescribed subtype of nevoid melanoma. *Pathology International*, **2021**,	1.8	0

95	Biological Characterization of the U2af1 S34F Mutation in the Pathogenesis of Myelodysplasia. *Blood*, **2018**, 132, 3080-3080	2.2	0
94	Resistance of KIR Ligand-Missing Leukocytes to NK Cells In Vivo in Patients with Acquired Aplastic Anemia. *ImmunoHorizons*, **2020**, 4, 430-441	2.7	0
93	Recurrent VAV1 Abnormalities in Angioimmunoblastic T Cell Lymphoma. *Blood*, **2016**, 128, 4104-4104	2.2	0
92	Poor Myocardial Compaction in a Patient with Recessive MYL2 Myopathy. *International Heart Journal*, **2021**, 62, 445-447	1.8	0
91	Targeted deep next generation sequencing identifies potential somatic and germline variants for predisposition to familial Burkitt lymphoma. *European Journal of Haematology*, **2021**, 107, 166-169	3.8	0
90	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. *International Journal of Hematology*, **2021**, 113, 936-940	2.3	0
89	Mathematical Modeling and Mutational Analysis Reveal Optimal Therapy to Prevent Malignant Transformation in Grade II IDH-Mutant Gliomas. *Cancer Research*, **2021**, 81, 4861-4873	10.1	0
88	Clinical Characteristics of Patients with Coronavirus Disease (COVID-19): Preliminary Baseline Report of Japan COVID-19 Task Force, a Nationwide Consortium to Investigate Host Genetics of COVID-19. *International Journal of Infectious Diseases*, **2021**, 113, 74-81	10.5	0
87	Emergence of t(3;21)(q26.2;q22) during eltrombopag treatment in a patient with relapsed aplastic anemia who received chemotherapy for angioimmunoblastic T-cell lymphoma.. *Leukemia Research Reports*, **2022**, 17, 100305	0.6	0
86	Genomic analysis of multiple myeloma using targeted capture sequencing in the Japanese cohort. *British Journal of Haematology*, **2020**, 191, 755-763	4.5	
85	Analysis of Clonal Evolution of AML Using Simultaneous Single-Cell DNA/RNA Analysis. *Blood*, **2020**, 136, 1-1	2.2	
84	Distinct Pathogenesis of Clonal Hematopoiesis Revealed By Single Cell RNA Sequencing Integrated with Highly Sensitive Genotyping Method. *Blood*, **2020**, 136, 34-34	2.2	
83	Clonal Hematopoiesis By HLA Class I Allele-Lacking Hematopoietic Stem Cells and Concomitant Aberrant Stem Cells Is Rarely Associated with Clonal Evolution to Secondary Myelodysplastic Syndrome and Acute Myeloid Leukemia in Patients with Acquired Aplastic Anemia. *Blood*, **2020**, 136, 1-2	2.2	
82	Post-Treatment Clone Size Predicts Survival Independently of IPSS-R and Response after Azacitidine Therapy for MDS.. *Blood*, **2020**, 136, 12-13	2.2	
81	ASXL1 Mutations Predict a Poor Response to Darbepoetin Alfa in Anemic Patients with Low-Risk MDS: A Multicenter, Phase II Study. *Blood*, **2020**, 136, 28-29	2.2	
80	Whole-Genome Analysis of Adult T-Cell Leukemia/Lymphoma. *Blood*, **2020**, 136, 29-30	2.2	
79	KRAS mutations Frequently Coexist with High-Risk MLL Fusions and Are Independent Adverse Prognostic Factors in MLL-Rearranged Acute Myeloid Leukemia. *Blood*, **2020**, 136, 28-29	2.2	
78	Dyserythropoietic anaemia with an intronic GATA1 splicing mutation in patients suspected to have Diamond-Blackfan anaemia. *EJHaem*, **2022**, 3, 163-167	0.9	

77	Functional Roles of DDX41 Mutations in the Development of Myeloid Malignancies. *Blood*, **2021**, 138, 150-150	2.2
76	Distinct Pathogenesis of Clonal Hematopoiesis Revealed By Single Cell RNA Sequencing Integrated with Highly Sensitive Genotyping Method. *Blood*, **2021**, 138, 1092-1092	2.2
75	Clonal Evolution Pattern and Prognostic Significance of Clonal Architecture in KMT2A-Rearranged Acute Myeloid Leukemia. *Blood*, **2021**, 138, 2358-2358	2.2
74	NGS Evaluation of the Eqol-MDS Trial: Preliminary Analysis of Eltrombopag for Thrombocytopenia of Low-Risk MDS. *Blood*, **2021**, 138, 1516-1516	2.2
73	T-cell lymphoma, B-cell lymphoma, and myelodysplastic syndrome harboring common mutations: Trilineage tumorigenesis from a common founder clone. *EJHaem*,	0.9
72	Ki23819 (KRN383･HCl) Inhibits Kinase Activity of Wild Type and Mutant FLT3 Receptor Tyrosine Kinase In Vitro.. *Blood*, **2004**, 104, 1168-1168	2.2
71	Frequent but Reversible and Manageable Cardiac Complications after Successful Haploidentical HLA-Mismatched Hematopoietic Stem Cell Transplantation (HSCT) without Ex Vivo Graft Manipulation.. *Blood*, **2004**, 104, 1841-1841	2.2
70	Cas-L/Hef1 Is Required for Marginal Zone B Cell Maintenance and Lymphocyte Trafficking.. *Blood*, **2005**, 106, 3920-3920	2.2
69	Genome-Wide Analysis of Copy Number Alterations/LOH/Allelic Imbalances in Non-Hodgkin Lymphoma Using Ultrahigh-Density SNP-Genotyping Microarrays with the Robust CNAG Algorithms.. *Blood*, **2005**, 106, 420-420	2.2
68	Genome-Wide Analysis of Copy Number Analysis of Myelodysplastic Syndromes Using High-Density SNP-Genotyping Microarrays.. *Blood*, **2005**, 106, 3420-3420	2.2
67	Cas-L Suppresses Progression of Leukemia Induced by p210Bcr/Abl.. *Blood*, **2006**, 108, 4816-4816	2.2
66	SNP Array Analysis in Refractory Anemia with Ringed Sideroblast Allows for Detection of a High Frequency of Previously Cryptic Chromosomal Defects with Possible Clinical Significance.. *Blood*, **2006**, 108, 2352-2352	2.2
65	AML1/Runx1 Negatively Regulates the Number of Quiescent Hematopoietic Stem Cells in Adult Hematopoiesis.. *Blood*, **2006**, 108, 4204-4204	2.2
64	Whole Genome 250K SNP Array Allows for Detection of Previously Unidentified Lesions in Chromosome 5 in Patients with MDS.. *Blood*, **2006**, 108, 2350-2350	2.2
63	Genetic Profiling of Myeloproliferative Disorders by Single Nucleotide Polymorphism Oligonucleotide Microarray.. *Blood*, **2006**, 108, 2688-2688	2.2
62	Evi-1 Is Essential for Expansion and Maintenance of Hematopoietic Stem Cells.. *Blood*, **2006**, 108, 783-783	2.2
61	Highly Efficient Ex Vivo Expansion of Human Hematopoietic Stem Cells Using Delta1-Fc Chimeric Protein.. *Blood*, **2006**, 108, 1332-1332	2.2
60	Hidden Abnormalities and Novel Classification of t(15;17) APL Based on Genomic Alterations.. *Blood*, **2007**, 110, 4133-4133	2.2

59	Gain-of-Function Mutations and Copy Number Increases of Notch2 in Diffuse Large B-Cell Lymphoma.. *Blood*, **2007**, 110, 695-695	2.2
58	High Frequency of Loss of Heterozygosity Due to Uniparental Disomy or Allele Deletion of Ocular Adnexal MALT-Type Lymphoma.. *Blood*, **2007**, 110, 2624-2624	2.2
57	High-Resolution Analyses of Genetic and Epigenetic Aberrations in Infant Leukemia with MLL Rearrangement.. *Blood*, **2007**, 110, 4238-4238	2.2
56	Genetic Profiling of Adult Acute Lymphoblastic Leukemia Cells by Single Nucleotide Polymorphism Oligonucleotide Microarray.. *Blood*, **2007**, 110, 2807-2807	2.2
55	Implication of AML1/RUNX1 Function in the Homeostasis and Leukemic Transformation of Hematopoietic Stem Cells.. *Blood*, **2007**, 110, 4117-4117	2.2
54	New targetes and biomarkers in hematological malignancies. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, SY22-3	0
53	Analysis of Genomic Predispositions to Sporadic Myeloid Neoplasms Mediated By DDX41 in Japan. *Blood*, **2018**, 132, 4371-4371	2.2
52	Mutant ASXL1 Disrupts Paraspeckle Formation through Aberrant Interaction with Nono in Hematopoietic Cells. *Blood*, **2019**, 134, 2514-2514	2.2
51	Genomic analysis of two rare cases of pediatric Ph-positive T-ALL. *Pediatric Blood and Cancer*, **2021**, e29427	3
50	Clinical Features of Patients with ASXL1 and ASXL2 Mutations in Pediatric Acute Myeloid Leukemia. *Blood*, **2014**, 124, 1024-1024	2.2
49	The Clinical and Genetic Features of Dyskeratosis Congenita, Cryptic Dyskeratosis Congenita, and Hoyeraal-Hreidarsson Syndrome in Japan. *Blood*, **2014**, 124, 1608-1608	2.2
48	An Adverse Prognostic Effect of Homozygous TET2 Mutational Status on the Relapse Risk of Acute Myeloid Leukemia Patients of Normal Karyotype. *Blood*, **2014**, 124, 1052-1052	2.2
47	Chronic Myelomonocytic Leukemia (CMML) Can be Categorized By Ancestral Mutational Events. *Blood*, **2014**, 124, 1893-1893	2.2
46	Clinical and Molecular Significance of Peripheral Blood Cell-Free DNA in B-Cell Lymphomas for Detection of Genetic Mutations and Correlation with Disease Status. *Blood*, **2014**, 124, 1658-1658	2.2
45	Impact and Function of Somatic PHF6 Mutations in Myeloid Neoplasms. *Blood*, **2014**, 124, 3581-3581	2.2
44	Identification of Cell-Type-Specific Mutations in Angioimmunoblastic T-Cell Lymphoma. *Blood*, **2014**, 124, 3025-3025	2.2
43	Resistance of Hematopoietic Stem Cells Lacking the KIR Ligand to Autologous NK Cell Attacks in Patients with Acquired Aplastic Anemia. *Blood*, **2014**, 124, 2939-2939	2.2
42	Whole-Exome Sequencing Reveals a Paucity of Somatic Gene Mutations in Aplastic Anemia and Refractory Cytopenia of Childhood. *Blood*, **2014**, 124, 4388-4388	2.2

41	Molecular profiling of myelodysplastic syndromes. *Tenri Medical Bulletin*, **2015**, 18, 1-16	0
40	Long-term outcome of six months maintenance chemotherapy for ALL in children: TCCSG L92-13E study.. *Journal of Clinical Oncology*, **2015**, 33, 10032-10032	2.2
39	The landscape and clonal architecture in lower grade glioma.. *Journal of Clinical Oncology*, **2015**, 33, 2008-2008	2.2
38	Next-Generation Sequencing Reveal Proviral Genome and Transcriptome in Adult T-Cell Leukemia/Lymphoma. *Blood*, **2015**, 126, 3882-3882	2.2
37	COL4A1 is a Novel Causative Gene Responsible for Congenital Hemolytic Anemia, Representing Characteristic Clinical Course in Infants. *Blood*, **2015**, 126, 934-934	2.2
36	Determinants of Phenotypic Commitment and Clonal Progression--Conclusions from the Study of Clonal Architecture in CMML. *Blood*, **2015**, 126, 2848-2848	2.2
35	Functional Characterization of a Novel GFI1B Mutation Causing Congenital Macrothrombocytopenia. *Blood*, **2015**, 126, 75-75	2.2
34	Clonal Evolution in Relapsed Pediatric Acute Lymphoblastic Leukemia. *Blood*, **2015**, 126, 1425-1425	2.2
33	Myelodysplastic Syndrome Patients Show Mutation-Specific DNA Methylation Patterns. *Blood*, **2015**, 126, 1646-1646	2.2
32	Network-Based Analysis of Exome Sequencing Mutations Identifies Molecular Subtypes of Myelodysplastic Syndromes. *Blood*, **2015**, 126, 611-611	2.2
31	Gene Expression Profiles and Methylation Analysis in Down Syndrome Related Acute Lymphoblastic Leukemia. *Blood*, **2016**, 128, 4084-4084	2.2
30	ASXL2 Is Recurrently Mutated in t(8;21) AML and Regulates Hematopoietic Development. *Blood*, **2016**, 128, 1051-1051	2.2
29	Structural Variations Involving Programmed Death Ligands in B-Cell and T-Cell Lymphomas. *Blood*, **2016**, 128, 4105-4105	2.2
28	Mutations of the Spliceosome Complex Genes Occur In Adult Patients but Are Very Rare In Children with Myeloid Neoplasia. *Blood*, **2011**, 118, 2797-2797	2.2
27	Functional Analysis of SRSF2 Mutations in Myelodysplastic Syndromes and Related Disorders. *Blood*, **2011**, 118, 1706-1706	2.2
26	TET2 Mutations Revealed by Whole Genome Sequencing in Adult T-Cell Leukemia.. *Blood*, **2012**, 120, 2697-2697	2.2
25	Whole Exome Sequencing Reveals Spectrum of Gene Mutations in Pediatric AML. *Blood*, **2012**, 120, 124-124	2.2
24	Molecular Diversity Detected by Whole Exome Sequencing in Chronic Myelomonocytic Leukemia. *Blood*, **2012**, 120, 310-310	2.2

23	Recurrent Mutations of Multiple Components of Cohesin Complex in Myeloid Neoplasms. *Blood*, **2012**, 120, 782-782	2.2
22	Mutational Spectrum of Myelodysplastic Syndrome Malignancies Revealed by Whole Exome Sequencing. *Blood*, **2012**, 120, 307-307	2.2
21	Karyotypic and Genetic Abnormalities Associated with Clonal Evolution in Paroxysmal Nocturnal Hemoglobinuria.. *Blood*, **2012**, 120, 2371-2371	2.2
20	Whole Exome Analysis Reveals Spectrum of Gene Mutations in Juvenile Myelomonocytic Leukemia. *Blood*, **2012**, 120, 170-170	2.2
19	Reduced Tet2 Function Contributes to Development of Peripheral T-Cell Lymphoma with Follicular Helper T-Cell-Like Features in Mice. *Blood*, **2012**, 120, 1299-1299	2.2
18	Novel Recurrent Mutations in the Ras-Like GTP-Binding Gene Rit1 in Myeloid Malignancies. *Blood*, **2012**, 120, 558-558	2.2
17	Evidence That GPI-AP-Specific CTLs Are Not Involved In The Escape Of Piga mutant Hematopoietic Stem Cells In Aplastic Anemia. *Blood*, **2013**, 122, 1240-1240	2.2
16	Whole Exome Sequencing Detecting Kinesin Family Gene Defects In Myeloid Neoplasm. *Blood*, **2013**, 122, 2762-2762	2.2
15	Concurrent Loss Of Ezh2 and Tet2 Cooperates In The Pathogenesis Of Myelodysplastic Disorders,. *Blood*, **2013**, 122, 480-480	2.2
14	Impact Of HLA Allele and Haplotype On Acute Graft-Versus-Host Disease and Survival After Hematopoietic Stem Cell Transplantation From Unrelated Donor. *Blood*, **2013**, 122, 708-708	2.2
13	Whole Exome Sequencing Shows a Paucity Of Somatic Gene Mutations In Pediatric Idiopathic Bone Marrow Failure Syndrome. *Blood*, **2013**, 122, 3708-3708	2.2
12	Somatic Mutations and Loss-Of-Heterozygosity Impair The DNA Repair Functions Of CUX1 in Myelodysplastic Syndromes (MDS). *Blood*, **2013**, 122, 1246-1246	2.2
11	A Novel Diagnostic Method For AITL By Detecting RHOA G17V Hotspot Mutation Using Allele-Specific Real-Time PCR. *Blood*, **2013**, 122, 3000-3000	2.2
10	Whole Exome Sequencing (Exutatome) Of Deletion 5q. *Blood*, **2013**, 122, 656-656	2.2
9	Whole Exome Analysis Of Germline Alterations Associated With Myelodysplastic Syndrome. *Blood*, **2013**, 122, 2800-2800	2.2
8	Genetic Landscapes Of Childhood T-Cell Acute Lymphoblastic Leukemia. *Blood*, **2013**, 122, 3786-3786	2.2
7	Dramatic response to encorafenib in a patient with Erdheim-Chester disease harboring the BRAF mutation. *American Journal of Hematology*, **2021**, 96, E295-E298	7.1
6	Clonal Cytopenia of Undetermined Significance in a Patient with Congenital Wilms' Tumor 1 and Acquired DNMT3A Gene Mutations. *Internal Medicine*, **2021**, 60, 3785-3788	1.1

5	Essential thrombocythaemia with aggressive megakaryocytosis after myelofibrotic transformation. *Hematology*, **2021**, 26, 594-600	2.2
4	A growing genetic tree in the soil of prostate. *Cell Stem Cell*, **2021**, 28, 1185-1187	18
3	Successful treatment of hepatosplenic T-cell lymphoma with fludarabine, high-dose cytarabine and subsequent unrelated umbilical cord blood transplantation. *International Journal of Hematology*, **2021**, 1	2.3
2	Genetic features of B-cell lymphoblastic lymphoma with TCF3-PBX1. *Cancer Reports*, **2021**, e1559	1.5
1	Elderly-onset systemic EpsteinBarr virus-positive T-cell lymphoma of childhood. *Pathology International*,	1.8