Seishi Ogawa

List of Publications by Year in Descending Order

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	Dyserythropoietic anaemia with an intronic GATA1 splicing mutation in patients suspected to have Diamond-Blackfan anaemia. *EJHaem*, **2022**, 3, 163-167	0.9	
435	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
434	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
433	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
432	Unbiased Detection of Driver Mutations in Extramammary Paget Disease. *Clinical Cancer Research*, **2021**, 27, 1756-1765	12.9	10
431	Functional Roles of DDX41 Mutations in the Development of Myeloid Malignancies. *Blood*, **2021**, 138, 150-150	2.2	
430	EPOR/JAK/STAT Signaling Pathway As Therapeutic Target of Acute Erythroid Leukemia. *Blood*, **2021**, 138, 610-610	2.2	1
429	Distinct Pathogenesis of Clonal Hematopoiesis Revealed By Single Cell RNA Sequencing Integrated with Highly Sensitive Genotyping Method. *Blood*, **2021**, 138, 1092-1092	2.2	
428	Clonal Evolution Pattern and Prognostic Significance of Clonal Architecture in KMT2A-Rearranged Acute Myeloid Leukemia. *Blood*, **2021**, 138, 2358-2358	2.2	
427	NGS Evaluation of the Eqol-MDS Trial: Preliminary Analysis of Eltrombopag for Thrombocytopenia of Low-Risk MDS. *Blood*, **2021**, 138, 1516-1516	2.2	
426	Highly immunogenic cancer cells require activation of the WNT pathway for immunological escape. *Science Immunology*, **2021**, 6, eabc6424	28	6
425	Soluble PD-L1 through alternative polyadenylation works as a decoy in lung cancer immunotherapy. *JCI Insight*, **2021**,	9.9	1
424	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
423	Whole-genome landscape of adult T-cell leukemia/lymphoma. *Blood*, **2021**,	2.2	5
422	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
421	Alteration of the immune environment in bone marrow from children with recurrent B cell precursor acute lymphoblastic leukemia. *Cancer Science*, **2021**,	6.9	1
420	Genomic analysis of two rare cases of pediatric Ph-positive T-ALL. *Pediatric Blood and Cancer*, **2021**, e29427	3	

419	Frequent genetic alterations in immune checkpoint-related genes in intravascular large B-cell lymphoma. *Blood*, **2021**, 137, 1491-1502	2.2	19
418	Poor Myocardial Compaction in a Patient with Recessive MYL2 Myopathy. *International Heart Journal*, **2021**, 62, 445-447	1.8	0
417	Clinical significance of RAS pathway alterations in pediatric acute myeloid leukemia. *Haematologica*, **2021**,	6.6	4
416	Chromatin-Spliceosome Mutations in Acute Myeloid Leukemia. *Cancers*, **2021**, 13,	6.6	1
415	Somatic mutations in lymphocytes in patients with immune-mediated aplastic anemia. *Leukemia*, **2021**, 35, 1365-1379	10.7	10
414	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
413	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
412	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
411	Clonal evolution and clinical implications of genetic abnormalities in blastic transformation of chronic myeloid leukaemia. *Nature Communications*, **2021**, 12, 2833	17.4	7
410	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
409	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	
408	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
407	Indolent feature of Helicobacter pylori-uninfected intramucosal signet ring cell carcinomas with CDH1 mutations. *Gastric Cancer*, **2021**, 24, 1102-1114	7.6	4
406	Molecular classification and diagnostics of upper urinary tract urothelial carcinoma. *Cancer Cell*, **2021**, 39, 793-809.e8	24.3	13
405	Optimization of prediction methods for risk assessment of pathogenic germline variants in the Japanese population. *Cancer Science*, **2021**, 112, 3338-3348	6.9	2
404	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
403	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
402	Proteogenomic identification of an immunogenic HLA class I neoantigen in mismatch repair-deficient colorectal cancer tissue. *JCI Insight*, **2021**, 6,	9.9	2

401	Combined landscape of single-nucleotide variants and copy number alterations in clonal hematopoiesis. *Nature Medicine*, **2021**, 27, 1239-1249	50.5	10
400	Single-Cell Analysis of the Multicellular Ecosystem in Viral Carcinogenesis by HTLV-1. *Blood Cancer Discovery*, **2021**, 2, 450-467	7	1
399	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
398	Frequent mutations in HLA and related genes in extranodal NK/T cell lymphomas. *Leukemia and Lymphoma*, **2021**, 62, 95-103	1.9	3
397	Acquisition of monosomy 7 and a RUNX1 mutation in Pearson syndrome. *Pediatric Blood and Cancer* , **2021**, 68, e28799	3	2
396	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
395	Absence of a common founder mutation in patients with cooccurring myelodysplastic syndrome and plasma cell disorder. *Blood*, **2021**, 137, 1260-1263	2.2	1
394	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
393	Association of high-risk neuroblastoma classification based on expression profiles with differentiation and metabolism. *PLoS ONE*, **2021**, 16, e0245526	3.7	3
392	Clonal hematopoiesis in adult pure red cell aplasia. *Scientific Reports*, **2021**, 11, 2253	4.9	2
391	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	
390	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
389	Essential thrombocythaemia with aggressive megakaryocytosis after myelofibrotic transformation. *Hematology*, **2021**, 26, 594-600	2.2	
388	Discovery of Functional Alternatively Spliced Transcripts in Human Cancers. *Cancers*, **2021**, 13,	6.6	3
387	Germline RUNX1 translocation in familial platelet disorder with propensity to myeloid malignancies. *Annals of Hematology*, **2021**, 1	3	1
386	Clonal expansion in non-cancer tissues. *Nature Reviews Cancer*, **2021**, 21, 239-256	31.3	31
385	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
384	A growing genetic tree in the soil of prostate. *Cell Stem Cell*, **2021**, 28, 1185-1187	18	

383	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
382	Stratification of patients with clear cell renal cell carcinoma to facilitate drug repositioning. *IScience* , **2021**, 24, 102722	6.1	2
381	A histone modifier, ASXL1, interacts with NONO and is involved in paraspeckle formation in hematopoietic cells. *Cell Reports*, **2021**, 36, 109576	10.6	7
380	The Evolving Genomic Landscape of Esophageal Squamous Cell Carcinoma Under Chemoradiotherapy. *Cancer Research*, **2021**, 81, 4926-4938	10.1	1
379	Profiling the inhibitory receptors LAG-3, TIM-3, and TIGIT in renal cell carcinoma reveals malignancy. *Nature Communications*, **2021**, 12, 5547	17.4	5
378	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
377	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	
376	Genetic features of B-cell lymphoblastic lymphoma with TCF3-PBX1. *Cancer Reports*, **2021**, e1559	1.5	
375	The HTLV-1 viral oncoproteins Tax and HBZ reprogram the cellular mRNA splicing landscape. *PLoS Pathogens*, **2021**, 17, e1009919	7.6	3
374	Oncogenic FGFR1 mutation and amplification in common cellular origin in a composite tumor with neuroblastoma and pheochromocytoma.. *Cancer Science*, **2021**,	6.9	1
373	Description of longitudinal tumor evolution in a case of multiply relapsed clear cell sarcoma of the kidney.. *Cancer Reports*, **2021**, e1458	1.5	1
372	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
371	Genomic analysis of multiple myeloma using targeted capture sequencing in the Japanese cohort. *British Journal of Haematology*, **2020**, 191, 755-763	4.5	
370	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
369	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
368	LUBAC accelerates B-cell lymphomagenesis by conferring resistance to genotoxic stress on B cells. *Blood*, **2020**, 136, 684-697	2.2	10
367	Deciphering the Clonal Origin of Relapsed Acute Lymphoblastic Leukemia in Children. *Blood Cancer Discovery*, **2020**, 1, 21-22	7	0
366	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

365	TET2 haploinsufficiency alters reprogramming into induced pluripotent stem cells. *Stem Cell Research*, **2020**, 44, 101755	1.6	3
364	Genetic basis of myelodysplastic syndromes. *Proceedings of the Japan Academy Series B: Physical and Biological Sciences*, **2020**, 96, 107-121	4	5
363	Molecular pathogenesis of progression to myeloid leukemia from TET-insufficient status. *Blood Advances*, **2020**, 4, 845-854	7.8	5
362	Classification of clear cell renal cell carcinoma based on alternative splicing. *Heliyon*, **2020**, 6, e03440	3.6	3
361	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
360	RNAmut: robust identification of somatic mutations in acute myeloid leukemia using RNA-sequencing. *Haematologica*, **2020**, 105, e290-e293	6.6	7
359	Analysis of Clonal Evolution of AML Using Simultaneous Single-Cell DNA/RNA Analysis. *Blood*, **2020**, 136, 1-1	2.2	
358	Distinct Pathogenesis of Clonal Hematopoiesis Revealed By Single Cell RNA Sequencing Integrated with Highly Sensitive Genotyping Method. *Blood*, **2020**, 136, 34-34	2.2	
357	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	
356	Post-Treatment Clone Size Predicts Survival Independently of IPSS-R and Response after Azacitidine Therapy for MDS.. *Blood*, **2020**, 136, 12-13	2.2	
355	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	
354	Preclinical Evaluation of a Novel MALT1 Inhibitor CTX-177 for Relapse/Refractory Lymphomas. *Blood*, **2020**, 136, 3-4	2.2	0
353	Functional Characterization of Compound DDX41 Germline and Somatic R525H Mutations in the Development of Myeloid Malignancies. *Blood*, **2020**, 136, 21-22	2.2	0
352	Genotype-Phenotype Relationships and Therapeutic Targets in Acute Erythroid Leukemia. *Blood*, **2020**, 136, 17-18	2.2	1
351	Prognostic Relevance of Genetic Abnormalities in Blastic Transformation of Chronic Myeloid Leukemia. *Blood*, **2020**, 136, 3-4	2.2	1
350	Whole-Genome Analysis of Adult T-Cell Leukemia/Lymphoma. *Blood*, **2020**, 136, 29-30	2.2	
349	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	
348	Clinical Impacts of Germline DDX41 Mutations on Myeloid Neoplasms. *Blood*, **2020**, 136, 38-40	2.2	2

347	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
346	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
345	Novel DDX41 variants in Thai patients with myeloid neoplasms. *International Journal of Hematology* , **2020**, 111, 241-246	2.3	9
344	Distinct and convergent consequences of splice factor mutations in myelodysplastic syndromes. *American Journal of Hematology*, **2020**, 95, 133-143	7.1	6
343	DNA methylation-based classification reveals difference between pediatric T-cell acute lymphoblastic leukemia and normal thymocytes. *Leukemia*, **2020**, 34, 1163-1168	10.7	8
342	Single-cell analysis based dissection of clonality in myelofibrosis. *Nature Communications*, **2020**, 11, 73	17.4	23
341	Noonan syndrome-associated biallelic LZTR1 mutations cause cardiac hypertrophy and vascular malformations in zebrafish. *Molecular Genetics & Genomic Medicine*, **2020**, 8, e1107	2.3	5
340	Frequent mutations that converge on the NFKBIZ pathway in ulcerative colitis. *Nature*, **2020**, 577, 260-265	50.4	77
339	Secondary Pulmonary Alveolar Proteinosis Following Treatment with Azacitidine for Myelodysplastic Syndrome. *Internal Medicine*, **2020**, 59, 1081-1086	1.1	2
338	VAV1 mutations contribute to development of T-cell neoplasms in mice. *Blood*, **2020**, 136, 3018-3032	2.2	7
337	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
336	Genetic and clinical landscape of breast cancers with germline BRCA1/2 variants. *Communications Biology*, **2020**, 3, 578	6.7	7
335	Comprehensive genetic analysis of pediatric germ cell tumors identifies potential drug targets. *Communications Biology*, **2020**, 3, 544	6.7	3
334	Integrated multiomics analysis of hepatoblastoma unravels its heterogeneity and provides novel druggable targets. *Npj Precision Oncology*, **2020**, 4, 20	9.8	11
333	Clinical utility of target capture-based panel sequencing in hematological malignancies: A multicenter feasibility study. *Cancer Science*, **2020**, 111, 3367-3378	6.9	5
332	Implications of TP53 allelic state for genome stability, clinical presentation and outcomes in myelodysplastic syndromes. *Nature Medicine*, **2020**, 26, 1549-1556	50.5	118
331	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
330	The transcription factor E2A activates multiple enhancers that drive expression in developing T and B cells. *Science Immunology*, **2020**, 5,	28	10

329	Genome analysis of myelodysplastic syndromes among atomic bomb survivors in Nagasaki. *Haematologica*, **2020**, 105, 358-365	6.6	3
328	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
327	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
326	Dasatinib Is an Effective Treatment for Angioimmunoblastic T-cell Lymphoma. *Cancer Research*, **2020**, 80, 1875-1884	10.1	18
325	Combined Cohesin-RUNX1 Deficiency Synergistically Perturbs Chromatin Looping and Causes Myelodysplastic Syndromes. *Cancer Discovery*, **2020**, 10, 836-853	24.4	21
324	Defective Epstein-Barr virus in chronic active infection and haematological malignancy. *Nature Microbiology*, **2019**, 4, 404-413	26.6	80
323	Frequent structural variations involving programmed death ligands in Epstein-Barr virus-associated lymphomas. *Leukemia*, **2019**, 33, 1687-1699	10.7	57
322	Genetics of MDS. *Blood*, **2019**, 133, 1049-1059	2.2	118
321	A case of malignant rhabdoid tumor mimicking yolk sac tumor. *Pediatric Blood and Cancer*, **2019**, 66, e27584	3.1	6
320	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
319	Molecular heterogeneity in peripheral T-cell lymphoma, not otherwise specified revealed by comprehensive genetic profiling. *Leukemia*, **2019**, 33, 2867-2883	10.7	71
318	Escape hematopoiesis by HLA-B5401-lacking hematopoietic stem progenitor cells in men with acquired aplastic anemia. *Haematologica*, **2019**, 104, e447-e450	6.6	5
317	Myelodysplastic Syndrome-Associated SRSF2 Mutations Cause Splicing Changes by Altering Binding Motif Sequences. *Frontiers in Genetics*, **2019**, 10, 338	4.5	10
316	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
315	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
314	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
313	Role of Donor Clonal Hematopoiesis in Allogeneic Hematopoietic Stem-Cell Transplantation. *Journal of Clinical Oncology*, **2019**, 37, 375-385	2.2	97
312	Pathogenic mutations identified by a multimodality approach in 117 Japanese Fanconi anemia patients. *Haematologica*, **2019**, 104, 1962-1973	6.6	9

311	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
310	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
309	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
308	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
307	Integrated genetic and epigenetic analysis revealed heterogeneity of acute lymphoblastic leukemia in Down syndrome. *Cancer Science*, **2019**, 110, 3358-3367	6.9	8
306	Distinct, Ethnic, Clinical, and Genetic Characteristics of Myelodysplastic Syndromes with Der(1;7). *Blood*, **2019**, 134, 5392-5392	2.2	2
305	CTX-712, a Novel Clk Inhibitor Targeting Myeloid Neoplasms with SRSF2 Mutation. *Blood*, **2019**, 134, 404-404	2.2	4
304	Mutant ASXL1 Disrupts Paraspeckle Formation through Aberrant Interaction with Nono in Hematopoietic Cells. *Blood*, **2019**, 134, 2514-2514	2.2	
303	Comprehensive analysis of genetic aberrations linked to tumorigenesis in regenerative nodules of liver cirrhosis. *Journal of Gastroenterology*, **2019**, 54, 628-640	6.9	23
302	Frequent germline mutations of in sporadic subcutaneous panniculitis-like T-cell lymphoma. *Blood Advances*, **2019**, 3, 588-595	7.8	31
301	Transcriptome analysis offers a comprehensive illustration of the genetic background of pediatric acute myeloid leukemia. *Blood Advances*, **2019**, 3, 3157-3169	7.8	21
300	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
299	Invariant patterns of clonal succession determine specific clinical features of myelodysplastic syndromes. *Nature Communications*, **2019**, 10, 5386	17.4	29
298	Paraneoplastic hypereosinophilic syndrome associated with IL3-IgH positive acute lymphoblastic leukemia. *Pediatric Blood and Cancer*, **2019**, 66, e27449	3	4
297	Molecular pathogenesis of disease progression in MLL-rearranged AML. *Leukemia*, **2019**, 33, 612-624	10.7	18
296	Age-related remodelling of oesophageal epithelia by mutated cancer drivers. *Nature*, **2019**, 565, 312-317	50.4	270
295	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
294	TP53 mutation status divides myelodysplastic syndromes with complex karyotypes into distinct prognostic subgroups. *Leukemia*, **2019**, 33, 1747-1758	10.7	88

293	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
292	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
291	Genetic and transcriptional landscape of plasma cells in POEMS syndrome. *Leukemia*, **2019**, 33, 1723-1735	10.7	18
290	NOTCH1 pathway activating mutations and clonal evolution in pediatric T-cell acute lymphoblastic leukemia. *Cancer Science*, **2019**, 110, 784-794	6.9	20
289	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
288	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
287	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
286	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
285	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
284	Hematopoietic lineage distribution and evolutionary dynamics of clonal hematopoiesis. *Leukemia*, **2018**, 32, 1908-1919	10.7	75
283	Progression to polythythemia vera from familial thrombocytosis with germline JAK2 R867Q mutation. *Annals of Hematology*, **2018**, 97, 737-739	3	4
282	Dysregulation of Epstein-Barr Virus Infection in Hypomorphic ZAP70 Mutation. *Journal of Infectious Diseases*, **2018**, 218, 825-834	7	10
281	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
280	Integrated molecular profiling of juvenile myelomonocytic leukemia. *Blood*, **2018**, 131, 1576-1586	2.2	51
279	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
278	Evolutionary basis of HLA-DPB1 alleles affects acute GVHD in unrelated donor stem cell transplantation. *Blood*, **2018**, 131, 808-817	2.2	25
277	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
276	Early detection and evolution of preleukemic clones in therapy-related myeloid neoplasms following autologous SCT. *Blood*, **2018**, 131, 1846-1857	2.2	21

275	Blastic plasmacytoid dendritic cell neoplasm arising from clonal hematopoiesis. *International Journal of Hematology*, **2018**, 108, 447-451	2.3	5
274	Prognostic relevance of genetic alterations in diffuse lower-grade gliomas. *Neuro-Oncology*, **2018**, 20, 66-77	1	128
273	Prognostic relevance of integrated genetic profiling in adult T-cell leukemia/lymphoma. *Blood*, **2018**, 131, 215-225	2.2	76
272	Genetic heterogeneity of uncharacterized childhood autoimmune diseases with lymphoproliferation. *Pediatric Blood and Cancer*, **2018**, 65, e26831	3	12
271	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
270	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
269	A temporal shift of the evolutionary principle shaping intratumor heterogeneity in colorectal cancer. *Nature Communications*, **2018**, 9, 2884	17.4	50
268	A comprehensive characterization of -acting splicing-associated variants in human cancer. *Genome Research*, **2018**, 28, 1111-1125	9.7	32
267	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
266	mutations in pediatric acute myeloid leukemia are associated with distinct genetic features and an inferior prognosis. *Blood*, **2018**, 131, 2266-2270	2.2	8
265	ASXL2 regulates hematopoiesis in mice and its deficiency promotes myeloid expansion. *Haematologica*, **2018**, 103, 1980-1990	6.6	11
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