

Yuichi Shiraishi

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

175
papers

8,998
citations

42
h-index

94
g-index

183
ext. papers

11,417
ext. citations

7.7
avg, IF

4.96
L-index

#	Paper	IF	Citations
175	EPOR/JAK/STAT Signaling Pathway As Therapeutic Target of Acute Erythroid Leukemia. <i>Blood</i> , 2021 , 138, 610-610	2.2	1
174	Clonal Evolution Pattern and Prognostic Significance of Clonal Architecture in KMT2A-Rearranged Acute Myeloid Leukemia. <i>Blood</i> , 2021 , 138, 2358-2358	2.2	
173	Clonal evolution and clinical implications of genetic abnormalities in blastic transformation of chronic myeloid leukaemia. <i>Nature Communications</i> , 2021 , 12, 2833	17.4	7
172	Molecular classification and diagnostics of upper urinary tract urothelial carcinoma. <i>Cancer Cell</i> , 2021 , 39, 793-809.e8	24.3	13
171	Frequent mutations in HLA and related genes in extranodal NK/T cell lymphomas. <i>Leukemia and Lymphoma</i> , 2021 , 62, 95-103	1.9	3
170	Acquisition of monosomy 7 and a RUNX1 mutation in Pearson syndrome. <i>Pediatric Blood and Cancer</i> , 2021 , 68, e28799	3	2
169	The Evolving Genomic Landscape of Esophageal Squamous Cell Carcinoma Under Chemoradiotherapy. <i>Cancer Research</i> , 2021 , 81, 4926-4938	10.1	1
168	Genomic basis for RNA alterations in cancer. <i>Nature</i> , 2020 , 578, 129-136	50.4	148
167	Post-Treatment Clone Size Predicts Survival Independently of IPSS-R and Response after Azacitidine Therapy for MDS.. <i>Blood</i> , 2020 , 136, 12-13	2.2	
166	Genotype-Phenotype Relationships and Therapeutic Targets in Acute Erythroid Leukemia. <i>Blood</i> , 2020 , 136, 17-18	2.2	1
165	Prognostic Relevance of Genetic Abnormalities in Blastic Transformation of Chronic Myeloid Leukemia. <i>Blood</i> , 2020 , 136, 3-4	2.2	1
164	Single-cell analysis based dissection of clonality in myelofibrosis. <i>Nature Communications</i> , 2020 , 11, 73	17.4	23
163	Frequent mutations that converge on the NFKBIZ pathway in ulcerative colitis. <i>Nature</i> , 2020 , 577, 260-265	50.4	77
162	Genetic and clinical landscape of breast cancers with germline BRCA1/2 variants. <i>Communications Biology</i> , 2020 , 3, 578	6.7	7
161	Landscape of driver mutations and their clinical impacts in pediatric B-cell precursor acute lymphoblastic leukemia. <i>Blood Advances</i> , 2020 , 4, 5165-5173	7.8	10
160	Genome analysis of myelodysplastic syndromes among atomic bomb survivors in Nagasaki. <i>Haematologica</i> , 2020 , 105, 358-365	6.6	3
159	Defective Epstein-Barr virus in chronic active infection and haematological malignancy. <i>Nature Microbiology</i> , 2019 , 4, 404-413	26.6	80

158	Frequent structural variations involving programmed death ligands in Epstein-Barr virus-associated lymphomas. <i>Leukemia</i> , 2019 , 33, 1687-1699	10.7	57
157	Molecular heterogeneity in peripheral T-cell lymphoma, not otherwise specified revealed by comprehensive genetic profiling. <i>Leukemia</i> , 2019 , 33, 2867-2883	10.7	71
156	Pathogenic mutations identified by a multimodality approach in 117 Japanese Fanconi anemia patients. <i>Haematologica</i> , 2019 , 104, 1962-1973	6.6	9
155	Distinct, Ethnic, Clinical, and Genetic Characteristics of Myelodysplastic Syndromes with Der(1;7). <i>Blood</i> , 2019 , 134, 5392-5392	2.2	2
154	Comprehensive analysis of genetic aberrations linked to tumorigenesis in regenerative nodules of liver cirrhosis. <i>Journal of Gastroenterology</i> , 2019 , 54, 628-640	6.9	23
153	Frequent germline mutations of in sporadic subcutaneous panniculitis-like T-cell lymphoma. <i>Blood Advances</i> , 2019 , 3, 588-595	7.8	31
152	Ring sideroblasts in AML are associated with adverse risk characteristics and have a distinct gene expression pattern. <i>Blood Advances</i> , 2019 , 3, 3111-3122	7.8	1
151	Invariant patterns of clonal succession determine specific clinical features of myelodysplastic syndromes. <i>Nature Communications</i> , 2019 , 10, 5386	17.4	29
150	Paraneoplastic hypereosinophilic syndrome associated with IL3-IgH positive acute lymphoblastic leukemia. <i>Pediatric Blood and Cancer</i> , 2019 , 66, e27449	3	4
149	Molecular pathogenesis of disease progression in MLL-rearranged AML. <i>Leukemia</i> , 2019 , 33, 612-624	10.7	18
148	Age-related remodelling of oesophageal epithelia by mutated cancer drivers. <i>Nature</i> , 2019 , 565, 312-317	50.4	270
147	Genomic landscape and clonal evolution of acute myeloid leukemia with t(8;21): an international study on 331 patients. <i>Blood</i> , 2019 , 133, 1140-1151	2.2	61
146	Novel neuroblastoma amplified sequence () mutations in a Japanese boy with fever-triggered recurrent acute liver failure. <i>Human Genome Variation</i> , 2019 , 6, 2	1.8	14
145	Genetic and transcriptional landscape of plasma cells in POEMS syndrome. <i>Leukemia</i> , 2019 , 33, 1723-1735	10.7	18
144	NOTCH1 pathway activating mutations and clonal evolution in pediatric T-cell acute lymphoblastic leukemia. <i>Cancer Science</i> , 2019 , 110, 784-794	6.9	20
143	Modification of cellular and humoral immunity by somatically reverted T cells in X-linked lymphoproliferative syndrome type 1. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 421-424.e11	11.5	5
142	Dysregulation of Epstein-Barr Virus Infection in Hypomorphic ZAP70 Mutation. <i>Journal of Infectious Diseases</i> , 2018 , 218, 825-834	7	10
141	Integrated molecular profiling of juvenile myelomonocytic leukemia. <i>Blood</i> , 2018 , 131, 1576-1586	2.2	51

140	Distinct gene alterations with a high percentage of myeloperoxidase-positive leukemic blasts in de novo acute myeloid leukemia. <i>Leukemia Research</i> , 2018 , 65, 34-41	2.7	1
139	Early detection and evolution of preleukemic clones in therapy-related myeloid neoplasms following autologous SCT. <i>Blood</i> , 2018 , 131, 1846-1857	2.2	21
138	Prognostic relevance of integrated genetic profiling in adult T-cell leukemia/lymphoma. <i>Blood</i> , 2018 , 131, 215-225	2.2	76
137	Genetic heterogeneity of uncharacterized childhood autoimmune diseases with lymphoproliferation. <i>Pediatric Blood and Cancer</i> , 2018 , 65, e26831	3	12
136	A temporal shift of the evolutionary principle shaping intratumor heterogeneity in colorectal cancer. <i>Nature Communications</i> , 2018 , 9, 2884	17.4	50
135	A comprehensive characterization of -acting splicing-associated variants in human cancer. <i>Genome Research</i> , 2018 , 28, 1111-1125	9.7	32
134	mutations in pediatric acute myeloid leukemia are associated with distinct genetic features and an inferior prognosis. <i>Blood</i> , 2018 , 131, 2266-2270	2.2	8
133	De Novo Mutations Activating Germline TP53 in an Inherited Bone-Marrow-Failure Syndrome. <i>American Journal of Human Genetics</i> , 2018 , 103, 440-447	11	18
132	Genomic landscape of colitis-associated cancer indicates the impact of chronic inflammation and its stratification by mutations in the Wnt signaling. <i>Oncotarget</i> , 2018 , 9, 969-981	3.3	23
131	Analysis of Genomic Predispositions to Sporadic Myeloid Neoplasms Mediated By DDX41 in Japan. <i>Blood</i> , 2018 , 132, 4371-4371	2.2	
130	hotsub: A batch job engine for cloud services with ETL framework. <i>Journal of Open Source Software</i> , 2018 , 3, 1069	5.2	
129	Integrated Molecular Characterization of the Lethal Pediatric Cancer Pancreatoblastoma. <i>Cancer Research</i> , 2018 , 78, 865-876	10.1	15
128	Characterization of HBV integration patterns and timing in liver cancer and HBV-infected livers. <i>Oncotarget</i> , 2018 , 9, 25075-25088	3.3	30
127	Clonally related diffuse large B-cell lymphoma and interdigitating dendritic cell sarcoma sharing translocation. <i>Haematologica</i> , 2018 , 103, e553-e556	6.6	9
126	Aberrant splicing and defective mRNA production induced by somatic spliceosome mutations in myelodysplasia. <i>Nature Communications</i> , 2018 , 9, 3649	17.4	76
125	Recurrent mutations in -rearranged acute myeloid leukemia. <i>Blood Advances</i> , 2018 , 2, 2879-2889	7.8	12
124	Clinical utility of next-generation sequencing for inherited bone marrow failure syndromes. <i>Genetics in Medicine</i> , 2017 , 19, 796-802	8.1	45
123	ASXL2 mutations are frequently found in pediatric AML patients with t(8;21)/ RUNX1-RUNX1T1 and associated with a better prognosis. <i>Genes Chromosomes and Cancer</i> , 2017 , 56, 382-393	5	11

122	Genetic abnormalities in myelodysplasia and secondary acute myeloid leukemia: impact on outcome of stem cell transplantation. <i>Blood</i> , 2017 , 129, 2347-2358	2.2	184
121	Exome sequencing identified as a novel causative gene for Diamond-Blackfan anemia. <i>Haematologica</i> , 2017 , 102, e93-e96	6.6	25
120	Hypoxic adaptation of leukemic cells infiltrating the CNS affords a therapeutic strategy targeting VEGFA. <i>Blood</i> , 2017 , 129, 3126-3129	2.2	13
119	Clonal evolution in myelodysplastic syndromes. <i>Nature Communications</i> , 2017 , 8, 15099	17.4	86
118	Common Variable Immunodeficiency Caused by FANC Mutations. <i>Journal of Clinical Immunology</i> , 2017 , 37, 434-444	5.7	15
117	Constitutional abnormalities of IDH1 combined with secondary mutations predispose a patient with Maffucci syndrome to acute lymphoblastic leukemia. <i>Pediatric Blood and Cancer</i> , 2017 , 64, e26647	3	6
116	Dynamics of clonal evolution in myelodysplastic syndromes. <i>Nature Genetics</i> , 2017 , 49, 204-212	36.3	228
115	Abnormal hematopoiesis and autoimmunity in human subjects with germline IKZF1 mutations. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 223-231	11.5	63
114	Gene expression and risk of leukemic transformation in myelodysplasia. <i>Blood</i> , 2017 , 130, 2642-2653	2.2	40
113	Loss of DNA Damage Response in Neuroblastoma and Utility of a PARP Inhibitor. <i>Journal of the National Cancer Institute</i> , 2017 , 109,	9.7	23
112	Molecular studies reveal and gene fusions displaced in a case of infantile acute lymphoblastic leukemia with complex karyotype. <i>Oncology Letters</i> , 2017 , 14, 2295-2299	2.6	4
111	Atypical dyskeratosis congenita diagnosed using whole-exome sequencing. <i>Pediatrics International</i> , 2017 , 59, 933-935	1.2	1
110	Recurrent SPI1 (PU.1) fusions in high-risk pediatric T cell acute lymphoblastic leukemia. <i>Nature Genetics</i> , 2017 , 49, 1274-1281	36.3	74
109	Haploinsufficiency of TNFAIP3 (A20) by germline mutation is involved in autoimmune lymphoproliferative syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 1914-1922	11.5	69
108	Whole genome sequencing discriminates hepatocellular carcinoma with intrahepatic metastasis from multi-centric tumors. <i>Journal of Hepatology</i> , 2017 , 66, 363-373	13.4	62
107	Diagnostic challenge of Diamond-Blackfan anemia in mothers and children by whole-exome sequencing. <i>International Journal of Hematology</i> , 2017 , 105, 515-520	2.3	14
106	Recurrent genetic defects on chromosome 5q in myeloid neoplasms. <i>Oncotarget</i> , 2017 , 8, 6483-6495	3.3	24
105	Identification of the genetic and clinical characteristics of neuroblastomas using genome-wide analysis. <i>Oncotarget</i> , 2017 , 8, 107513-107529	3.3	17

104	A framework for generating interactive reports for cancer genome analysis. <i>Journal of Open Source Software</i> , 2017 , 2, 457	5.2	1
103	Phosphatase and tensin homolog (PTEN) mutation can cause activated phosphatidylinositol 3-kinase β syndrome-like immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 138, 1672-1680.e10 ⁶¹	11.5	61
102	Genomic Landscape of Esophageal Squamous Cell Carcinoma in a Japanese Population. <i>Gastroenterology</i> , 2016 , 150, 1171-1182	13.3	195
101	PIEZO1 gene mutation in a Japanese family with hereditary high phosphatidylcholine hemolytic anemia and hemochromatosis-induced diabetes mellitus. <i>International Journal of Hematology</i> , 2016 , 104, 125-9	2.3	18
100	Molecular Heterogeneity in Peripheral T-Cell Lymphoma Not Otherwise Specified Revealed By Comprehensive Mutational Profiling. <i>Blood</i> , 2016 , 128, 2927-2927	2.2	2
99	VEGFA- a New Therapeutic Target in CNS Leukemia. <i>Blood</i> , 2016 , 128, 911-911	2.2	1
98	NGS-Based Copy Number Analysis in 1,185 Patients with Myeloid Neoplasms. <i>Blood</i> , 2016 , 128, 955-955	2.2	2
97	Integrated Multiregional Analysis Proposing a New Model of Colorectal Cancer Evolution. <i>PLoS Genetics</i> , 2016 , 12, e1005778	6	102
96	Clinical Significance of Mutations and Copy Number Lesions on Prognosis of Patients with MDS after Unrelated Bone Marrow Transplantation. <i>Blood</i> , 2016 , 128, 1971-1971	2.2	
95	Genome-Wide Mutational Landscape of Infant Acute Lymphoblastic Leukemia. <i>Blood</i> , 2016 , 128, 4070-4070	2.2	
94	Transcriptome Analysis Revealed the Entire Genetic Understanding of Pediatric Acute Myeloid Leukemia with a Normal Karyotype. <i>Blood</i> , 2016 , 128, 2850-2850	2.2	
93	Integrated Molecular Analysis of Myelodysplastic Syndromes Using Whole Genome Sequencing. <i>Blood</i> , 2016 , 128, 5512-5512	2.2	
92	Identifications of Highly Aggressive Phenotype with SPI1 Overexpression in Pediatric T Cell Acute Lymphoblastic Leukemia/Lymphoma. <i>Blood</i> , 2016 , 128, 909-909	2.2	
91	Combined DNA and Transcriptome Sequencing Reveals Discrete Subtypes of Myelodysplasia. <i>Blood</i> , 2016 , 128, 1974-1974	2.2	
90	Gene Expression Profiles and Methylation Analysis in Down Syndrome Related Acute Lymphoblastic Leukemia. <i>Blood</i> , 2016 , 128, 4084-4084	2.2	
89	TAL1 Super Enhancer Aberration and Stil-TAL1 Fusion in Pediatric T Cell Acute Lymphoblastic Leukemia. <i>Blood</i> , 2016 , 128, 1734-1734	2.2	
88	Structural Variations Involving Programmed Death Ligands in B-Cell and T-Cell Lymphomas. <i>Blood</i> , 2016 , 128, 4105-4105	2.2	
87	Distinctive Genetic Features of Plasma Cells in POEMS Syndrome. <i>Blood</i> , 2016 , 128, 4404-4404	2.2	

86	Genetic Profile of Acute Erythroid Leukemia. <i>Blood</i> , 2016 , 128, 40-40	2.2	
85	Landscape of Driver Mutations and Their Clinical Impacts in Pediatric Acute Lymphoblastic Leukemia. <i>Blood</i> , 2016 , 128, 912-912	2.2	
84	the Impact of Clonal Dynamics on Prognosis and Outcome in Myelodysplastic Syndromes. <i>Blood</i> , 2016 , 128, 4287-4287	2.2	
83	Somatic mosaicism in chronic myeloid leukemia in remission. <i>Blood</i> , 2016 , 128, 2863-2866	2.2	11
82	Aberrant PD-L1 expression through 3'UTR disruption in multiple cancers. <i>Nature</i> , 2016 , 534, 402-6	50.4	403
81	Whole-genome mutational landscape and characterization of noncoding and structural mutations in liver cancer. <i>Nature Genetics</i> , 2016 , 48, 500-9	36.3	423
80	TERT promoter mutations and chromosome 8p loss are characteristic of nonalcoholic fatty liver disease-related hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2016 , 139, 2512-8	7.5	28
79	Genomic analysis of clonal origin of Langerhans cell histiocytosis following acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 2016 , 175, 169-72	4.5	7
78	Whole-exome sequencing reveals the spectrum of gene mutations and the clonal evolution patterns in paediatric acute myeloid leukaemia. <i>British Journal of Haematology</i> , 2016 , 175, 476-489	4.5	42
77	Integrated genetic and epigenetic analysis defines novel molecular subgroups in rhabdomyosarcoma. <i>Nature Communications</i> , 2015 , 6, 7557	17.4	110
76	Inherited and Somatic Defects in DDX41 in Myeloid Neoplasms. <i>Cancer Cell</i> , 2015 , 27, 658-70	24.3	228
75	Mutational landscape and clonal architecture in grade II and III gliomas. <i>Nature Genetics</i> , 2015 , 47, 458-68	36.3	543
74	Integrated molecular analysis of adult T cell leukemia/lymphoma. <i>Nature Genetics</i> , 2015 , 47, 1304-15	36.3	469
73	Clinical and genetic features of dyskeratosis congenita, cryptic dyskeratosis congenita, and Hoyerlaal-Hreidarsson syndrome in Japan. <i>International Journal of Hematology</i> , 2015 , 102, 544-52	2.3	14
72	GATA2 and secondary mutations in familial myelodysplastic syndromes and pediatric myeloid malignancies. <i>Haematologica</i> , 2015 , 100, e398-401	6.6	38
71	Late-Onset Combined Immunodeficiency with a Novel IL2RG Mutation and Probable Revertant Somatic Mosaicism. <i>Journal of Clinical Immunology</i> , 2015 , 35, 610-4	5.7	18
70	Genomon ITDetector: a tool for somatic internal tandem duplication detection from cancer genome sequencing data. <i>Bioinformatics</i> , 2015 , 31, 116-8	7.2	46
69	High performance computing of a fusion gene detection pipeline on the K computer 2015 ,		1

68	Mutations in the gene encoding the E2 conjugating enzyme UBE2T cause Fanconi anemia. <i>American Journal of Human Genetics</i> , 2015 , 96, 1001-7	11	90
67	Aberrant splicing of U12-type introns is the hallmark of ZRSR2 mutant myelodysplastic syndrome. <i>Nature Communications</i> , 2015 , 6, 6042	17.4	139
66	BRCC3 mutations in myeloid neoplasms. <i>Haematologica</i> , 2015 , 100, 1051-7	6.6	17
65	Whole-genome mutational landscape of liver cancers displaying biliary phenotype reveals hepatitis impact and molecular diversity. <i>Nature Communications</i> , 2015 , 6, 6120	17.4	139
64	Frequent Activating Somatic Alterations in T-Cell Receptor / NF- κ B Signaling in Adult T-Cell Leukemia/Lymphoma. <i>Blood</i> , 2015 , 126, 113-113	2.2	2
63	Different Mutant Splicing Factors Cause Distinct Missplicing Events and Give Rise to Different Clinical Phenotypes in Myelodysplastic Syndromes. <i>Blood</i> , 2015 , 126, 139-139	2.2	2
62	Prognostic Relevance of Integrated Genetic Profiling in Adult T-Cell Leukemia/Lymphoma. <i>Blood</i> , 2015 , 126, 2643-2643	2.2	1
61	Two Novel Distinct Subtypes of Myeloid Neoplasms Molecularly Associated with Histone H3K36 Methylations. <i>Blood</i> , 2015 , 126, 2841-2841	2.2	1
60	Genetic Predispositions to Myeloid Neoplasms Caused By Germline DDX41 Mutations. <i>Blood</i> , 2015 , 126, 2843-2843	2.2	5
59	Genetic Background of Idiopathic Bone Marrow Failure Syndromes in Children. <i>Blood</i> , 2015 , 126, 3610-3610		1
58	Serial Sequencing in Myelodysplastic Syndromes Reveals Dynamic Changes in Clonal Architecture and Allows for a New Prognostic Assessment of Mutations Detected in Cross-Sectional Testing. <i>Blood</i> , 2015 , 126, 709-709	2.2	2
57	Impact of Somatic Mutations on Outcome in Patients with MDS after Stem-Cell Transplantation. <i>Blood</i> , 2015 , 126, 711-711	2.2	3
56	A Simple Model-Based Approach to Inferring and Visualizing Cancer Mutation Signatures. <i>PLoS Genetics</i> , 2015 , 11, e1005657	6	87
55	Aberrant DNA Methylation Is Associated with a Poor Outcome in Juvenile Myelomonocytic Leukemia. <i>PLoS ONE</i> , 2015 , 10, e0145394	3.7	18
54	Genomic landscape of liposarcoma. <i>Oncotarget</i> , 2015 , 6, 42429-44	3.3	75
53	The landscape and clonal architecture in lower grade glioma.. <i>Journal of Clinical Oncology</i> , 2015 , 33, 2008:2008		
52	Next-Generation Sequencing Reveal Proviral Genome and Transcriptome in Adult T-Cell Leukemia/Lymphoma. <i>Blood</i> , 2015 , 126, 3882-3882	2.2	
51	Landscape of DNA Methylation and Genetic Profiles in 291 Patients with Myelodysplastic Syndromes. <i>Blood</i> , 2015 , 126, 5205-5205	2.2	

50	Functional Characterization of a Novel GFI1B Mutation Causing Congenital Macrothrombocytopenia. <i>Blood</i> , 2015 , 126, 75-75	2.2	
49	Genetic Basis of Primary Central Nervous System Lymphoma. <i>Blood</i> , 2015 , 126, 2687-2687	2.2	1
48	Clonal Evolution in Relapsed Pediatric Acute Lymphoblastic Leukemia. <i>Blood</i> , 2015 , 126, 1425-1425	2.2	
47	Myelodysplastic Syndrome Patients Show Mutation-Specific DNA Methylation Patterns. <i>Blood</i> , 2015 , 126, 1646-1646	2.2	
46	TAL1 and MYB Abnormalities in Childhood T-Cell Acute Lymphoblastic Leukemia. <i>Blood</i> , 2015 , 126, 2628-2628	2.2	
45	Detection of Novel Pathogenic Gene Rearrangements in Pediatric Acute Myeloid Leukemia By RNA Sequencing. <i>Blood</i> , 2015 , 126, 2575-2575	2.2	
44	Whole-Exome Analysis of Autoimmune Lymphoproliferative Syndrome-like Diseases. <i>Blood</i> , 2015 , 126, 1022-1022	2.2	
43	Biallelic DICER1 mutations in sporadic pleuropulmonary blastoma. <i>Cancer Research</i> , 2014 , 74, 2742-9	10.1	56
42	Recurrent somatic mutations underlie corticotropin-independent Cushing's syndrome. <i>Science</i> , 2014 , 344, 917-20	33.3	142
41	Somatic RHOA mutation in angioimmunoblastic T cell lymphoma. <i>Nature Genetics</i> , 2014 , 46, 171-5	36.3	411
40	Acquired initiating mutations in early hematopoietic cells of CLL patients. <i>Cancer Discovery</i> , 2014 , 4, 1088-1091	37.1	172
39	Whole-exome sequence analysis of ataxia telangiectasia-like phenotype. <i>Journal of the Neurological Sciences</i> , 2014 , 340, 86-90	3.2	11
38	Integrated analysis of whole genome and transcriptome sequencing reveals diverse transcriptomic aberrations driven by somatic genomic changes in liver cancers. <i>PLoS ONE</i> , 2014 , 9, e114263	3.7	58
37	HapMuC: somatic mutation calling using heterozygous germ line variants near candidate mutations. <i>Bioinformatics</i> , 2014 , 30, 3302-9	7.2	19
36	DDX41 Is a Tumor Suppressor Gene Associated with Inherited and Acquired Mutations. <i>Blood</i> , 2014 , 124, 125-125	2.2	0
35	Chronological Analysis of Clonal Evolution in Acquired Aplastic Anemia. <i>Blood</i> , 2014 , 124, 253-253	2.2	2
34	ZRSR2 Mutations Cause Dysregulated RNA Splicing in MDS. <i>Blood</i> , 2014 , 124, 4609-4609	2.2	1
33	Landscape of Genetic Alterations in Adult T-Cell Leukemia/Lymphoma. <i>Blood</i> , 2014 , 124, 75-75	2.2	1

32	In Analogy to AML, MDS Can be Sub-Classified By Ancestral Mutations. <i>Blood</i> , 2014 , 124, 823-823	2.2	4
31	Comprehensive Analysis of Aberrant RNA Splicing in Myelodysplastic Syndromes. <i>Blood</i> , 2014 , 124, 826-826		6
30	Novel Biological Effects and Distinct Patterns of Rhoa Mutations in Adult T-Cell Leukemia/Lymphoma and Angioimmunoblastic T Cell Lymphoma. <i>Blood</i> , 2014 , 124, 2215-2215	2.2	
29	Clinical and Molecular Significance of Peripheral Blood Cell-Free DNA in B-Cell Lymphomas for Detection of Genetic Mutations and Correlation with Disease Status. <i>Blood</i> , 2014 , 124, 1658-1658	2.2	
28	Impact and Function of Somatic PHF6 Mutations in Myeloid Neoplasms. <i>Blood</i> , 2014 , 124, 3581-3581	2.2	
27	Whole-Exome Sequencing Reveals a Paucity of Somatic Gene Mutations in Aplastic Anemia and Refractory Cytopenia of Childhood. <i>Blood</i> , 2014 , 124, 4388-4388	2.2	
26	Integrated molecular analysis of clear-cell renal cell carcinoma. <i>Nature Genetics</i> , 2013 , 45, 860-7	36.3	723
25	An empirical Bayesian framework for somatic mutation detection from cancer genome sequencing data. <i>Nucleic Acids Research</i> , 2013 , 41, e89	20.1	129
24	Landscape Of Genetic Lesions In 944 Patients With Myelodysplastic Syndromes. <i>Blood</i> , 2013 , 122, 521-521	2.2	3
23	Somatic G17V Rhoa Mutation Specifies Angioimmunoblastic T-Cell Lymphoma. <i>Blood</i> , 2013 , 122, 815-815	2.2	2
22	Whole Exome Sequencing Detecting Kinesin Family Gene Defects In Myeloid Neoplasm. <i>Blood</i> , 2013 , 122, 2762-2762	2.2	
21	Genetic Landscapes Of Childhood T-Cell Acute Lymphoblastic Leukemia. <i>Blood</i> , 2013 , 122, 3786-3786	2.2	
20	Whole Exome Sequencing to Predict Response to Hypomethylating Agents in MDS. <i>Blood</i> , 2012 , 120, 1698-1698	2.2	1
19	Mutation Screening Associated with Chromosome 7 Abnormalities Using Next Generation Whole Exome Sequencing. <i>Blood</i> , 2012 , 120, 173-173	2.2	1
18	Somatic Mutations in Schinzel-Giedion Syndrome Gene SETBP1 Determine Progression in Myeloid Malignancies. <i>Blood</i> , 2012 , 120, 2-2	2.2	2
17	TET2 Mutations Revealed by Whole Genome Sequencing in Adult T-Cell Leukemia.. <i>Blood</i> , 2012 , 120, 2697-2697	2.2	
16	Whole Exome Sequencing Reveals Spectrum of Gene Mutations in Pediatric AML. <i>Blood</i> , 2012 , 120, 124-124	2.2	
15	Molecular Diversity Detected by Whole Exome Sequencing in Chronic Myelomonocytic Leukemia. <i>Blood</i> , 2012 , 120, 310-310	2.2	

14	Recurrent Mutations of Multiple Components of Cohesin Complex in Myeloid Neoplasms. <i>Blood</i> , 2012 , 120, 782-782	2.2	
13	Identification of Two New DBA Genes, RPS27 and RPL27, by Whole-Exome Sequencing in Diamond-Blackfan Anemia Patients. <i>Blood</i> , 2012 , 120, 984-984	2.2	1
12	Mutational Spectrum of Myelodysplastic Syndrome Malignancies Revealed by Whole Exome Sequencing. <i>Blood</i> , 2012 , 120, 307-307	2.2	
11	Karyotypic and Genetic Abnormalities Associated with Clonal Evolution in Paroxysmal Nocturnal Hemoglobinuria.. <i>Blood</i> , 2012 , 120, 2371-2371	2.2	
10	Whole Exome Analysis Reveals Spectrum of Gene Mutations in Juvenile Myelomonocytic Leukemia. <i>Blood</i> , 2012 , 120, 170-170	2.2	
9	Various Germline Congenital Disorder Genes Are Somaticly Mutated in Myeloid Malignancies. <i>Blood</i> , 2012 , 120, 1405-1405	2.2	1
8	Novel Recurrent Mutations in the Ras-Like GTP-Binding Gene Rit1 in Myeloid Malignancies. <i>Blood</i> , 2012 , 120, 558-558	2.2	
7	Frequent pathway mutations of splicing machinery in myelodysplasia. <i>Nature</i> , 2011 , 478, 64-9	50.4	1415
6	A rank-based statistical test for measuring synergistic effects between two gene sets. <i>Bioinformatics</i> , 2011 , 27, 2399-405	7.2	3
5	Mutational Spectrum Analysis of Interesting Correlation and Interrelationship Between RNA Splicing Pathway and Commonly Targeted Genes in Myelodysplastic Syndrome. <i>Blood</i> , 2011 , 118, 273-273 ^{2,2}		2
4	Frequent Pathway Mutations of Splicing Machinery in Myelodysplasia. <i>Blood</i> , 2011 , 118, 458-458	2.2	1
3	Genomic basis for RNA alterations revealed by whole-genome analyses of 27 cancer types		10
2	Precise characterization of somatic structural variations and mobile element insertions from paired long-read sequencing data with nanomonsv		3
1	Long read sequencing reveals a novel class of structural aberrations in cancers: identification and characterization of cancerous local amplifications		7