Yusuke Okuno

List of Publications by Citations

230 papers	7,533 citations	38 h-index	84 g-index
252 ext. papers	9,334 ext. citations	5.9 avg, IF	5 L-index

#	Paper	IF	Citations
230	Landscape of genetic lesions in 944 patients with myelodysplastic syndromes. *Leukemia*, **2014**, 28, 241-7	10.7	957
229	Integrated molecular analysis of clear-cell renal cell carcinoma. *Nature Genetics*, **2013**, 45, 860-7	36.3	723
228	Somatic RHOA mutation in angioimmunoblastic T cell lymphoma. *Nature Genetics*, **2014**, 46, 171-5	36.3	411
227	Genomic and molecular characterization of esophageal squamous cell carcinoma. *Nature Genetics*, **2014**, 46, 467-73	36.3	398
226	Somatic Mutations and Clonal Hematopoiesis in Aplastic Anemia. *New England Journal of Medicine*, **2015**, 373, 35-47	59.2	361
225	Recurrent mutations in multiple components of the cohesin complex in myeloid neoplasms. *Nature Genetics*, **2013**, 45, 1232-7	36.3	258
224	The landscape of somatic mutations in Down syndrome-related myeloid disorders. *Nature Genetics*, **2013**, 45, 1293-9	36.3	244
223	Dynamics of clonal evolution in myelodysplastic syndromes. *Nature Genetics*, **2017**, 49, 204-212	36.3	228
222	Somatic SETBP1 mutations in myeloid malignancies. *Nature Genetics*, **2013**, 45, 942-6	36.3	178
221	Exome sequencing identifies secondary mutations of SETBP1 and JAK3 in juvenile myelomonocytic leukemia. *Nature Genetics*, **2013**, 45, 937-41	36.3	175
220	ACTN1 mutations cause congenital macrothrombocytopenia. *American Journal of Human Genetics*, **2013**, 92, 431-8	11	154
219	BCOR and BCORL1 mutations in myelodysplastic syndromes and related disorders. *Blood*, **2013**, 122, 3169-77	2.2	147
218	Profiling of somatic mutations in acute myeloid leukemia with FLT3-ITD at diagnosis and relapse. *Blood*, **2015**, 126, 2491-501	2.2	134
217	An empirical Bayesian framework for somatic mutation detection from cancer genome sequencing data. *Nucleic Acids Research*, **2013**, 41, e89	20.1	129
216	Variant ALDH2 is associated with accelerated progression of bone marrow failure in Japanese Fanconi anemia patients. *Blood*, **2013**, 122, 3206-9	2.2	116
215	Integrated genetic and epigenetic analysis defines novel molecular subgroups in rhabdomyosarcoma. *Nature Communications*, **2015**, 6, 7557	17.4	110
214	Mutations in the gene encoding the E2 conjugating enzyme UBE2T cause Fanconi anemia. *American Journal of Human Genetics*, **2015**, 96, 1001-7	11	90

213	Defective Epstein-Barr virus in chronic active infection and haematological malignancy. *Nature Microbiology*, **2019**, 4, 404-413	26.6	80
212	Inhibition of protein kinase CK2 prevents the progression of glomerulonephritis. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 7736-41	11.5	74
211	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
210	MEF2D-BCL9 Fusion Gene Is Associated With High-Risk Acute B-Cell Precursor Lymphoblastic Leukemia in Adolescents. *Journal of Clinical Oncology*, **2016**, 34, 3451-9	2.2	68
209	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
208	CD8+CD122+ regulatory T cells (Tregs) and CD4+ Tregs cooperatively prevent and cure CD4+ cell-induced colitis. *Journal of Immunology*, **2011**, 186, 41-52	5.3	67
207	Human CD8+CXCR3+ T cells have the same function as murine CD8+CD122+ Treg. *European Journal of Immunology*, **2009**, 39, 2106-19	6.1	66
206	Redox control of catalytic activities of membrane-associated protein tyrosine kinases. *Archives of Biochemistry and Biophysics*, **2005**, 434, 3-10	4.1	64
205	Abnormal hematopoiesis and autoimmunity in human subjects with germline IKZF1 mutations. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 223-231	11.5	63
204	Identification of RET autophosphorylation sites by mass spectrometry. *Journal of Biological Chemistry*, **2004**, 279, 14213-24	5.4	62
203	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
202	Biallelic DICER1 mutations in sporadic pleuropulmonary blastoma. *Cancer Research*, **2014**, 74, 2742-9	10.1	56
201	Thrombocytosis in patients with tumors producing colony-stimulating factor. *Blood*, **1992**, 80, 2052-2059	2.2	55
200	Integrated molecular profiling of juvenile myelomonocytic leukemia. *Blood*, **2018**, 131, 1576-1586	2.2	51
199	Identification of Viruses in Cases of Pediatric Acute Encephalitis and Encephalopathy Using Next-Generation Sequencing. *Scientific Reports*, **2016**, 6, 33452	4.9	51
198	Mechanisms of destabilization and early termination of spiral wave reentry in the ventricle by a class III antiarrhythmic agent, nifekalant. *American Journal of Physiology - Heart and Circulatory Physiology*, **2007**, 292, H539-48	5.2	50
197	Paroxysmal nocturnal hemoglobinuria and telomere length predicts response to immunosuppressive therapy in pediatric aplastic anemia. *Haematologica*, **2015**, 100, 1546-52	6.6	46
196	Clinical utility of next-generation sequencing for inherited bone marrow failure syndromes. *Genetics in Medicine*, **2017**, 19, 796-802	8.1	45

195	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
194	Gain-of-function mutation causes human combined immune deficiency. *Journal of Experimental Medicine*, **2018**, 215, 2715-2724	16.6	40
193	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
192	GATA2 and secondary mutations in familial myelodysplastic syndromes and pediatric myeloid malignancies. *Haematologica*, **2015**, 100, e398-401	6.6	38
191	Clonal leukemic evolution in myelodysplastic syndromes with TET2 and IDH1/2 mutations. *Haematologica*, **2014**, 99, 28-36	6.6	37
190	Moderate hypothermia increases the chance of spiral wave collision in favor of self-termination of ventricular tachycardia/fibrillation. *American Journal of Physiology - Heart and Circulatory Physiology* , **2008**, 294, H1896-905	5.2	36
189	Biallelic Mutations in KDSR Disrupt Ceramide Synthesis and Result in a Spectrum of Keratinization Disorders Associated with Thrombocytopenia. *Journal of Investigative Dermatology*, **2017**, 137, 2344-2353	4.3	35
188	Expression of the erythropoietin receptor on a human myeloma cell line. *Biochemical and Biophysical Research Communications*, **1990**, 170, 1128-34	3.4	35
187	Enhanced Expression of Anti-CD19 Chimeric Antigen Receptor in Transposon-Engineered T Cells. *Molecular Therapy - Methods and Clinical Development*, **2018**, 8, 131-140	6.4	33
186	Germline IKAROS mutation associated with primary immunodeficiency that progressed to T-cell acute lymphoblastic leukemia. *Leukemia*, **2017**, 31, 1221-1223	10.7	31
185	Comprehensive detection of pathogens in immunocompromised children with bloodstream infections by next-generation sequencing. *Scientific Reports*, **2018**, 8, 3784	4.9	31
184	SDR9C7 catalyzes critical dehydrogenation of acylceramides for skin barrier formation. *Journal of Clinical Investigation*, **2020**, 130, 890-903	15.9	29
183	Are CD8+CD122+ cells regulatory T cells or memory T cells?. *Human Immunology*, **2008**, 69, 751-4	2.3	28
182	Functional characterization of a novel GFI1B mutation causing congenital macrothrombocytopenia. *Journal of Thrombosis and Haemostasis*, **2016**, 14, 1462-9	15.4	28
181	Recurrent MYB rearrangement in blastic plasmacytoid dendritic cell neoplasm. *Leukemia*, **2017**, 31, 1629-1633	10.7	26
180	Somatic mosaicism for a NRAS mutation associates with disparate clinical features in RAS-associated leukoproliferative disease: a report of two cases. *Journal of Clinical Immunology*, **2015**, 35, 454-8	5.7	26
179	Lack of CD4+CD25+FOXP3+ regulatory T cells is associated with resistance to intravenous immunoglobulin therapy in patients with Kawasaki disease. *European Journal of Pediatrics*, **2013**, 172, 833-7	4.1	26
178	Exome sequencing identified as a novel causative gene for Diamond-Blackfan anemia. *Haematologica*, **2017**, 102, e93-e96	6.6	25

177	A female patient with incomplete hemophagocytic lymphohistiocytosis caused by a heterozygous XIAP mutation associated with non-random X-chromosome inactivation skewed towards the wild-type XIAP allele. *Journal of Clinical Immunology*, **2015**, 35, 244-8	5.7	24
176	1,25-dihydroxyvitamin D3 differentiates normal neutrophilic promyelocytes to monocytes/macrophages in vitro. *Blood*, **1996**, 87, 2693-2701	2.2	24
175	Loss of DNA Damage Response in Neuroblastoma and Utility of a PARP Inhibitor. *Journal of the National Cancer Institute*, **2017**, 109,	9.7	23
174	Early termination of spiral wave reentry by combined blockade of Na+ and L-type Ca2+ currents in a perfused two-dimensional epicardial layer of rabbit ventricular myocardium. *Heart Rhythm*, **2009**, 6, 684-92	6.7	23
173	Autosomal dominant familial generalized pustular psoriasis caused by a CARD14 mutation. *British Journal of Dermatology*, **2017**, 177, e133-e135	4	22
172	Rate-dependent shortening of action potential duration increases ventricular vulnerability in failing rabbit heart. *American Journal of Physiology - Heart and Circulatory Physiology*, **2011**, 300, H565-73	5.2	22
171	Identification of potential pathogenic viruses in patients with acute myocarditis using next-generation sequencing. *Journal of Medical Virology*, **2018**, 90, 1814-1821	19.7	21
170	Combined effects of nifekalant and lidocaine on the spiral-type re-entry in a perfused 2-dimensional layer of rabbit ventricular myocardium. *Circulation Journal*, **2005**, 69, 576-84	2.9	21
169	Establishment and characterization of four myeloma cell lines which are responsive to interleukin-6 for their growth. *Leukemia*, **1991**, 5, 585-91	10.7	21
168	Transcriptome analysis offers a comprehensive illustration of the genetic background of pediatric acute myeloid leukemia. *Blood Advances*, **2019**, 3, 3157-3169	7.8	21
167	Clinical utility of next-generation sequencing-based minimal residual disease in paediatric B-cell acute lymphoblastic leukaemia. *British Journal of Haematology*, **2017**, 176, 248-257	4.5	20
166	Clonal selection in xenografted TAM recapitulates the evolutionary process of myeloid leukemia in Down syndrome. *Blood*, **2013**, 121, 4377-87	2.2	20
165	Prognostic values of proliferating cell nuclear antigen (PCNA) and Ki-67 for radiotherapy of oesophageal squamous cell carcinomas. *British Journal of Cancer*, **1999**, 80, 387-95	8.7	20
164	Establishment of an erythroid cell line (JK-1) that spontaneously differentiates to red cells. *Cancer*, **1990**, 66, 1544-51	6.4	20
163	Metagenomic analysis using next-generation sequencing of pathogens in bronchoalveolar lavage fluid from pediatric patients with respiratory failure. *Scientific Reports*, **2019**, 9, 12909	4.9	19
162	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
161	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
160	De Novo Mutations Activating Germline TP53 in an Inherited Bone-Marrow-Failure Syndrome. *American Journal of Human Genetics*, **2018**, 103, 440-447	11	18

159	Aberrant DNA Methylation Is Associated with a Poor Outcome in Juvenile Myelomonocytic Leukemia. *PLoS ONE*, **2015**, 10, e0145394	3.7	18
158	Comprehensive detection of viruses in pediatric patients with acute liver failure using next-generation sequencing. *Journal of Clinical Virology*, **2017**, 96, 67-72	14.5	17
157	X-linked agammaglobulinemia associated with B-precursor acute lymphoblastic leukemia. *Journal of Clinical Immunology*, **2015**, 35, 108-11	5.7	17
156	BRCC3 mutations in myeloid neoplasms. *Haematologica*, **2015**, 100, 1051-7	6.6	17
155	Integration Mapping of piggyBac-Mediated CD19 Chimeric Antigen Receptor T Cells Analyzed by Novel Tagmentation-Assisted PCR. *EBioMedicine*, **2018**, 34, 18-26	8.8	16
154	Oncogenesis of CAEBV revealed: Intragenic deletions in the viral genome and leaky expression of lytic genes. *Reviews in Medical Virology*, **2020**, 30, e2095	11.7	16
153	Common Variable Immunodeficiency Caused by FANC Mutations. *Journal of Clinical Immunology*, **2017**, 37, 434-444	5.7	15
152	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
151	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
150	Digenic mutations in and impair formaldehyde clearance and cause a multisystem disorder, AMeD syndrome. *Science Advances*, **2020**, 6,	14.3	14
149	Biallelic mutations in SZT2 cause a discernible clinical entity with epilepsy, developmental delay, macrocephaly and a dysmorphic corpus callosum. *Brain and Development*, **2018**, 40, 134-139	2.2	13
148	Choreito formula for BK virus-associated hemorrhagic cystitis after allogeneic hematopoietic stem cell transplantation. *Biology of Blood and Marrow Transplantation*, **2015**, 21, 319-25	4.7	13
147	Regulation of Epstein-Barr Virus Life Cycle and Cell Proliferation by Histone H3K27 Methyltransferase EZH2 in Akata Cells. *MSphere*, **2018**, 3,	5	13
146	Genetic heterogeneity of uncharacterized childhood autoimmune diseases with lymphoproliferation. *Pediatric Blood and Cancer*, **2018**, 65, e26831	3	12
145	Study of pathophysiology and molecular characterization of congenital anemia in India using targeted next-generation sequencing approach. *International Journal of Hematology*, **2019**, 110, 618-626	2.3	12
144	Optical imaging of spiral waves: pharmacological modification of spiral-type excitations in a 2-dimensional layer of ventricular myocardium. *Journal of Electrocardiology*, **2005**, 38, 126-30	1.4	12
143	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
142	Extrapulmonary tuberculosis mimicking Mendelian susceptibility to mycobacterial disease in a patient with signal transducer and activator of transcription 1 (STAT1) gain-of-function mutation. *Journal of Allergy and Clinical Immunology*, **2016**, 137, 619-622.e1	11.5	11

141	Whole-exome sequence analysis of ataxia telangiectasia-like phenotype. *Journal of the Neurological Sciences*, **2014**, 340, 86-90	3.2	11
140	Development of clinical paroxysmal nocturnal haemoglobinuria in children with aplastic anaemia. *British Journal of Haematology*, **2017**, 178, 954-958	4.5	11
139	Dysregulation of Epstein-Barr Virus Infection in Hypomorphic ZAP70 Mutation. *Journal of Infectious Diseases*, **2018**, 218, 825-834	7	10
138	Markedly High Plasma Thrombopoietin (TPO) Level is a Predictor of Poor Response to Immunosuppressive Therapy in Children With Acquired Severe Aplastic Anemia. *Pediatric Blood and Cancer*, **2016**, 63, 659-64	3	10
137	Bepridil facilitates early termination of spiral-wave reentry in two-dimensional cardiac muscle through an increase of intercellular electrical coupling. *Journal of Pharmacological Sciences*, **2011**, 115, 15-26	3.7	10
136	Frequent -Activating Mutations in Extramammary Paget R Disease. *Cancers*, **2020**, 12,	6.6	10
135	Pathogenic mutations identified by a multimodality approach in 117 Japanese Fanconi anemia patients. *Haematologica*, **2019**, 104, 1962-1973	6.6	9
134	A novel IFIH1 mutation in the pincer domain underlies the clinical features of both Aicardi-Gouti□es and Singleton-Merten syndromes in a single patient. *British Journal of Dermatology*, **2018**, 178, e111-e113	4	9
133	A newly revealed IL36RN mutation in sibling cases complements our IL36RN mutation statistics for generalized pustular psoriasis. *Journal of Dermatological Science*, **2017**, 85, 58-60	4.3	9
132	CD8+ CD122+ regulatory T cells contain clonally expanded cells with identical CDR3 sequences of the T-cell receptor □chain. *Immunology*, **2013**, 139, 309-17	7.8	9
131	Co-production of interleukin-1 and interleukin-6 in tumor cell lines elaborating colony-stimulating factors. *Japanese Journal of Cancer Research*, **1991**, 82, 890-2		9
130	JAK2, MPL, and CALR mutations in children with essential thrombocythemia. *International Journal of Hematology*, **2016**, 104, 266-7	2.3	8
129	Acute amiodarone promotes drift and early termination of spiral wave re-entry. *Heart and Vessels*, **2010**, 25, 338-47	2.1	8
128	Reduced stratum corneum acylceramides in autosomal recessive congenital ichthyosis with a NIPAL4 mutation. *Journal of Dermatological Science*, **2020**, 97, 50-56	4.3	8
127	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
126	Correlation of rabbit antithymocyte globulin serum levels and clinical outcomes in children who received hematopoietic stem cell transplantation from an alternative donor. *Pediatric Transplantation*, **2016**, 20, 105-13	1.8	8
125	Frequent intragenic microdeletions of elastin in familial supravalvular aortic stenosis. *International Journal of Cardiology*, **2019**, 274, 290-295	3.2	8
124	Successful treatment of a novel type I interferonopathy due to a de novo PSMB9 gene mutation with a Janus kinase inhibitor. *Journal of Allergy and Clinical Immunology*, **2021**, 148, 639-644	11.5	8

123	Fulminant adenovirus hepatitis after hematopoietic stem cell transplant: Retrospective real-time PCR analysis for adenovirus DNA in two cases. *Journal of Infection and Chemotherapy*, **2015**, 21, 857-63	2.2	7
122	International Consensus Definition of DNA Methylation Subgroups in Juvenile Myelomonocytic Leukemia. *Clinical Cancer Research*, **2021**, 27, 158-168	12.9	7
121	Application of extensively targeted next-generation sequencing for the diagnosis of primary immunodeficiencies. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 303-305.e3	11.5	7
120	Targetable driver mutations in multicentric reticulohistiocytosis. *Haematologica*, **2020**, 105, e61-e64	6.6	7
119	Reduction of stratum corneum ceramides in Neu-Laxova syndrome caused by phosphoglycerate dehydrogenase deficiency. *Journal of Lipid Research*, **2018**, 59, 2413-2420	6.3	7
118	Elucidation of the pathogenic mechanism and potential treatment strategy for a female patient with spastic paraplegia derived from a single-nucleotide deletion in PLP1. *Journal of Human Genetics*, **2019**, 64, 665-671	4.3	6
117	A novel sensitive detection method for DNA methylation in circulating free DNA of pancreatic cancer. *PLoS ONE*, **2020**, 15, e0233782	3.7	6
116	H3F3A mutant allele specific imbalance in an aggressive subtype of diffuse midline glioma, H3 K27M-mutant. *Acta Neuropathologica Communications*, **2020**, 8, 8	7.3	6
115	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
114	Role of Epstein-Barr Virus C Promoter Deletion in Diffuse Large B Cell Lymphoma. *Cancers*, **2021**, 13,	6.6	6
113	A patient with a GNAO1 mutation with decreased spontaneous movements, hypotonia, and dystonic features. *Brain and Development*, **2018**, 40, 926-930	2.2	6
112	A combination of low-dose systemic etretinate and topical calcipotriol/betamethasone dipropionate treatment for hyperkeratosis and itching in Olmsted syndrome associated with a TRPV3 mutation. *Journal of Dermatological Science*, **2017**, 88, 144-146	4.3	5
111	Next Generation Sequencing-Based Transcriptome Predicts Bevacizumab Efficacy in Combination with Temozolomide in Glioblastoma. *Molecules*, **2019**, 24,	4.8	5
110	Aberrant Active cis-Regulatory Elements Associated with Downregulation of RET Finger Protein Overcome Chemoresistance in Glioblastoma. *Cell Reports*, **2019**, 26, 2274-2281.e5	10.6	5
109	Pharmacological blockade of IKs destabilizes spiral-wave reentry under -adrenergic stimulation in favor of its early termination. *Journal of Pharmacological Sciences*, **2012**, 119, 52-63	3.7	5
108	Genetic Predispositions to Myeloid Neoplasms Caused By Germline DDX41 Mutations. *Blood*, **2015**, 126, 2843-2843	2.2	5
107	Deletion of Viral microRNAs in the Oncogenesis of Epstein-Barr Virus-Associated Lymphoma. *Frontiers in Microbiology*, **2021**, 12, 667968	5.7	5
106	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

105	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
104	Direct Evidence of Abortive Lytic Infection-Mediated Establishment of Epstein-Barr Virus Latency During B-Cell Infection. *Frontiers in Microbiology*, **2020**, 11, 575255	5.7	5
103	Essential role of PTPN11 mutation in enhanced haematopoietic differentiation potential of induced pluripotent stem cells of juvenile myelomonocytic leukaemia. *British Journal of Haematology*, **2019**, 187, 163-173	4.5	4
102	A Syrian Refugee in Iraq Diagnosed as a Case of IL12RB1 Deficiency in Japan Using Dried Blood Spots. *Frontiers in Immunology*, **2019**, 10, 58	8.4	4
101	Congenital Ichthyosis and Recurrent Eczema Associated with a Novel ALOXE3 Mutation. *Acta Dermato-Venereologica*, **2017**, 97, 532-533	2.2	4
100	Striate Palmoplantar Keratoderma Showing Transgrediens in a Patient Harbouring Heterozygous Nonsense Mutations in Both DSG1 and SERPINB7. *Acta Dermato-Venereologica*, **2017**, 97, 399-401	2.2	4
99	Comprehensive genetic analysis of donor cell derived leukemia with KMT2A rearrangement. *Pediatric Blood and Cancer*, **2018**, 65, e26823	3	4
98	Pentamer peptide from Fas antigen ligand inhibits tumor-growth with solid-bound form found by peptide array. *Chemical Biology and Drug Design*, **2008**, 66, 146-153		4
97	A PKC-mediated backup mechanism of the MXXCW motif-linked switch for initiating tyrosine kinase activities. *FEBS Letters*, **2006**, 580, 839-43	3.8	4
96	In Analogy to AML, MDS Can be Sub-Classified By Ancestral Mutations. *Blood*, **2014**, 124, 823-823	2.2	4
95	Novel biallelic FA2H mutations in a Japanese boy with fatty acid hydroxylase-associated neurodegeneration. *Brain and Development*, **2020**, 42, 217-221	2.2	4
94	RNAseq analysis identifies involvement of EBNA2 in PD-L1 induction during Epstein-Barr virus infection of primary B cells. *Virology*, **2021**, 557, 44-54	3.6	4
93	A Cytokine-Based Diagnostic Program in Pediatric Aplastic Anemia and Hypocellular Refractory Cytopenia of Childhood. *Pediatric Blood and Cancer*, **2016**, 63, 652-8	3	4
92	Whole-exome analysis to detect congenital hemolytic anemia mimicking congenital dyserythropoietic anemia. *International Journal of Hematology*, **2018**, 108, 306-311	2.3	4
91	A case of GATA2-related myelodysplastic syndrome with unbalanced translocation der(1;7)(q10;p10). *Pediatric Blood and Cancer*, **2017**, 64, e26419	3	3
90	Mild case of Hailey-Hailey disease caused by a novel ATP2C1 mutation. *Journal of Dermatology*, **2018**, 45, e207-e208	1.6	3
89	Successful T-cell reconstitution after unrelated cord blood transplantation in a patient with complete DiGeorge syndrome. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 1471-1473.e4	11.5	3
88	In vitro growth pattern of myeloma cells in liquid suspension or semi-solid culture containing interleukin-6. *International Journal of Hematology*, **1991**, 54, 41-7	2.3	3

87	Landscape Of Genetic Lesions In 944 Patients With Myelodysplastic Syndromes. *Blood*, **2013**, 122, 521-52	21.2	3
86	Dopamine and Serotonin Receptors Cooperatively Modulate Pacemaker Activity of Intestinal Cells of Cajal. *Chinese Journal of Physiology*, **2018**, 61, 302-312	1.6	3
85	Comprehensive pathogen detection in sera of Kawasaki disease patients by high-throughput sequencing: a retrospective exploratory study. *BMC Pediatrics*, **2020**, 20, 482	2.6	3
84	Detection of subclonal SETBP1 and JAK3 mutations in juvenile myelomonocytic leukemia using droplet digital PCR. *Leukemia*, **2021**, 35, 259-263	10.7	3
83	Pathogenic Epigenetic Consequences of Genetic Alterations in IDH-Wild-Type Diffuse Astrocytic Gliomas. *Cancer Research*, **2019**, 79, 4814-4827	10.1	2
82	Genetic analysis in patients with newly diagnosed glioblastomas treated with interferon-beta plus temozolomide in comparison with temozolomide alone. *Journal of Neuro-Oncology*, **2020**, 148, 17-27	4.8	2
81	An infant with generalized pustular psoriasis and geographic tongue had a heterozygous IL36RN mutation and IgG2 deficiency. *Journal of Dermatological Science*, **2018**, 90, 216-218	4.3	2
80	DOCK8 mutation diagnosed using whole-exome sequencing of the dried blood spot-derived DNA: a case report of an Iraqi girl diagnosed in Japan. *BMC Medical Genetics*, **2019**, 20, 114	2.1	2
79	DNA Methylation Subgroups in Juvenile Myelomonocytic Leukemia: An International Collaborative Analysis and Development of a Common Diagnostic Platform. *Blood*, **2018**, 132, 3093-3093	2.2	2
78	Combination of TREC Measurement and Next-Generation Sequencing in Newborn Screening for Severe Combined Immunodeficiency: A Pilot Program in Japan. *Blood*, **2018**, 132, 3717-3717	2.2	2
77	Somatic Mutations in Schinzel-Giedion Syndrome Gene SETBP1 Determine Progression in Myeloid Malignancies. *Blood*, **2012**, 120, 2-2	2.2	2
76	Somatic G17V Rhoa Mutation Specifies Angioimmunoblastic T-Cell Lymphoma. *Blood*, **2013**, 122, 815-815	2.2	2
75	Chronological Analysis of Clonal Evolution in Acquired Aplastic Anemia. *Blood*, **2014**, 124, 253-253	2.2	2
74	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. *Blood*, **2015**, 126, 709-709	2.2	2
73	Novel and recurrent mutations in Japanese patients with Darier's disease. *Nagoya Journal of Medical Science*, **2016**, 78, 485-492	0.7	2
72	Thrombocytosis in patients with tumors producing colony-stimulating factor. *Blood*, **1992**, 80, 2052-2059	2.2	2
71	Multi-Lineage Expression in Philadelphia Chromosome-Positive Acute Lymphoblastic Leukemia Is Associated With Improved Prognosis but No Specific Molecular Features. *Frontiers in Oncology*, **2020**, 10, 586567	5.3	2
70	Integrated diagnosis based on transcriptome analysis in suspected pediatric sarcomas. *Npj Genomic Medicine*, **2021**, 6, 49	6.2	2

69	Immunosuppressive therapy for patients with Down syndrome and idiopathic aplastic anemia. *International Journal of Hematology*, **2016**, 104, 130-3	2.3	2
68	Efficacy of neutrophil non-muscle myosin heavy chain-IIA immunofluorescence analysis in determining the pathogenicity of MYH9 variants. *Annals of Hematology*, **2017**, 96, 1065-1066	3	1
67	A novel splice site variant in a young male exhibiting less pronounced features. *Human Genome Variation*, **2019**, 6, 43	1.8	1
66	Novel COL4A1 mutations identified in infants with congenital hemolytic anemia in association with brain malformations. *Human Genome Variation*, **2020**, 7, 42	1.8	1
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