Myung-Shin Kim

List of Publications by Year
in descending order

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272	3,616	218381	253896
papers	citations	26 h-index	43 g-index

291	291	291	6473
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	3D printing technology to control BMP-2 and VEGF delivery spatially and temporally to promote large-volume bone regeneration. Journal of Materials Chemistry B, 2015, 3, 5415-5425.	2.9	151
2	Microenvironmental Remodeling as a Parameter and Prognostic Factor of Heterogeneous Leukemogenesis in Acute Myelogenous Leukemia. Cancer Research, 2015, 75, 2222-2231.	0.4	124
3	Diagnostic value of AFP-L3 and PIVKA-II in hepatocellular carcinoma according to total-AFP. World Journal of Gastroenterology, 2013, 19, 339.	1.4	94
4	Tissue-specific Differentiation Potency of Mesenchymal Stromal Cells from Perinatal Tissues. Scientific Reports, 2016, 6, 23544.	1.6	92
5	Mutational characteristics of <scp>ANK1</scp> and <scp>SPTB</scp> genes in hereditary spherocytosis. Clinical Genetics, 2016, 90, 69-78.	1.0	69
6	Human AQP5 Plays a Role in the Progression of Chronic Myelogenous Leukemia (CML). PLoS ONE, 2008, 3, e2594.	1.1	69
7	Identification of a Stroma-Mediated Wnt/Î²-Catenin Signal Promoting Self-Renewal of Hematopoietic Stem Cells in the Stem Cell Niche. Stem Cells, 2009, 27, 1318-1329.	1.4	67
8	Characterization of leukemias with ETV6-ABL1 fusion. Haematologica, 2016, 101, 1082-1093.	1.7	66
9	Mutational analysis of splicing machinery genes <scp>SF3B1, U2AF1</scp> and <scp>SRSF2</scp> in myelodysplasia and other common tumors. International Journal of Cancer, 2013, 133, 260-265.	2.3	64
10	Quantitative fragment analysis of FLT3-ITD efficiently identifying poor prognostic group with high mutant allele burden or long ITD length. Blood Cancer Journal, 2015, 5, e336-e336.	2.8	59
11	Diagnosis and evaluation of severity of sepsis via the use of biomarkers and profiles of 13 cytokines: a multiplex analysis. Clinical Chemistry and Laboratory Medicine, 2015, 53, 575-81.	1.4	58
12	Mesenchymal Stromal Cells Expanded in Human Allogenic Cord Blood Serum Display Higher Self-Renewal and Enhanced Osteogenic Potential. Stem Cells and Development, 2009, 18, 559-572.	1.1	55
13	Procalcitonin as a prognostic marker for sepsis based on SEPSISâ€3. Journal of Clinical Laboratory Analysis, 2019, 33, e22996.	0.9	53
14	Passage-dependent accumulation of somatic mutations in mesenchymal stromal cells during in vitro culture revealed by whole genome sequencing. Scientific Reports, 2017, 7, 14508.	1.6	50
15	Generation of disease-specific induced pluripotent stem cells from patients with rheumatoid arthritis and osteoarthritis. Arthritis Research and Therapy, 2014, 16, R41.	1.6	44
16	Chromosomal Microarray Analysis as a First-Tier Clinical Diagnostic Test in Patients With Developmental Delay/Intellectual Disability, Autism Spectrum Disorders, and Multiple Congenital Anomalies: A Prospective Multicenter Study in Korea. Annals of Laboratory Medicine, 2019, 39, 299-310.	1.2	44
17	Characteristics ofDNMT3Amutations in acute myeloid leukemia. Blood Research, 2020, 55, 17-26.	0.5	44
18	CD56 antigen expression and hemophagocytosis of leukemic cells in acute myeloid leukemia with t(16;21)(p11;q22). International Journal of Hematology, 2010, 92, 306-313.	0.7	40

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19	Genetic and epigenetic alterations of bone marrow stromal cells in myelodysplastic syndrome and acute myeloid leukemia patients. Stem Cell Research, 2015, 14, 177-184.	0.3	40
20	Diagnostic approaches for inherited hemolytic anemia in the genetic era. Blood Research, 2017, 52, 84.	0.5	40
21	Novel <scp>FLG</scp> null mutations in Korean patients with atopic dermatitis and comparison of the mutational spectra in Asian populations. Journal of Dermatology, 2015, 42, 867-873.	0.6	39
22	Comparison of allele specific oligonucleotide-polymerase chain reaction and direct sequencing for high throughput screening of ABL kinase domain mutations in chronic myeloid leukemia resistant to imatinib. Haematologica, 2006, 91, 659-62.	1.7	39
23	Efficient nonadhesive ex vivo expansion of early endothelial progenitor cells derived from CD34 ⁺ human cord blood fraction for effective therapeutic vascularization. FASEB Journal, 2011, 25, 159-169.	0.2	36
24	Isolation and Characterization of Chorionic Mesenchymal Stromal Cells from Human Full Term Placenta. Journal of Korean Medical Science, 2012, 27, 857.	1.1	33
25	The long-term clinical implications of clonal chromosomal abnormalities in newly diagnosed chronic phase chronic myeloid leukemia patients treated with imatinib mesylate. Cancer Genetics, 2012, 205, 563-571.	0.2	29
26	Diagnosis of Liver Fibrosis With Wisteria floribunda Agglutinin-Positive Mac-2 Binding Protein (WFA-M2BP) Among Chronic Hepatitis B Patients. Annals of Laboratory Medicine, 2018, 38, 348-354.	1.2	29
27	CDKN2B downregulation and other genetic characteristics in T-acute lymphoblastic leukemia. Experimental and Molecular Medicine, 2019, 51, 1-15.	3.2	29
28	Evaluation of NK Cell Function by Flowcytometric Measurement and Impedance Based Assay Using Real-Time Cell Electronic Sensing System. BioMed Research International, 2013, 2013, 1-10.	0.9	28
29	Development of immunocompatible pluripotent stem cells via CRISPR-based human leukocyte antigen engineering. Experimental and Molecular Medicine, 2019, 51, 1-11.	3.2	28
30	Effects of ECM Protein Mimetics on Adhesion and Proliferation of Chorion Derived Mesenchymal Stem Cells. International Journal of Medical Sciences, 2014, 11, 298-308.	1.1	27
31	Better transplant outcome with pre-transplant marrow response after hypomethylating treatment in higher-risk MDS with excess blasts. Oncotarget, 2017, 8, 12342-12354.	0.8	27
32	Prognostic value of measurable residual disease monitoring by next-generation sequencing before and after allogeneic hematopoietic cell transplantation in acute myeloid leukemia. Blood Cancer Journal, 2021, 11, 109.	2.8	27
33	Disruption ofbisLeads to the Deterioration of the Vascular Niche for Hematopoietic Stem Cells. Stem Cells, 2009, 28, N/A-N/A.	1.4	26
34	Vitamin B₁₂-Responsive Pancytopenia Mimicking Myelodysplastic Syndrome. Acta Haematologica, 2011, 125, 198-201.	0.7	26
35	Novel method to dissociate platelet clumps in EDTA-dependent pseudothrombocytopenia based on the pathophysiological mechanism. Clinical Chemistry and Laboratory Medicine, 2012, 50, 1387-91.	1.4	26
36	Cytokine and molecular networks in sepsis cases: a network biology approach. European Cytokine Network, 2018, 29, 103-111.	1.1	25

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37	Diagnosis and Prognosis of Sepsis Based on Use of Cytokines, Chemokines, and Growth Factors. Disease Markers, 2019, 2019, 1-11.	0.6	25
38	Recent progress in laboratory diagnosis of thalassemia and hemoglobinopathy: a study by the Korean Red Blood Cell Disorder Working Party of the Korean Society of Hematology. Blood Research, 2019, 54, 17-22.	0.5	25
39	Early apoptosis in CD34+cells as a potential heterogeneity in quality of cryopreserved umbilical cord blood. British Journal of Haematology, 2006, 135, 210-213.	1.2	24
40	Three-way complex translocations in infant acute myeloid leukemia with t(7;12)(q36;p13): The incidence and correlation of a HLXB9 overexpression. Cancer Genetics and Cytogenetics, 2009, 191, 102-105.	1.0	24
41	Autistic and Rettâ€like features associated with 2q33.3â€“q34 interstitial deletion. American Journal of Medical Genetics, Part A, 2015, 167, 2213-2218.	0.7	24
42	Phenotypic and genetic characterization of adult T-cell acute lymphoblastic leukemia with del(9)(q34);SET-NUP214 rearrangement. Annals of Hematology, 2012, 91, 193-201.	0.8	23
43	Simultaneous Monitoring of Mutation and Chimerism Using Next-Generation Sequencing in Myelodysplastic Syndrome. Journal of Clinical Medicine, 2019, 8, 2077.	1.0	23
44	Acute myeloid leukemia associated with FGFR1 abnormalities. International Journal of Hematology, 2013, 97, 808-812.	0.7	22
45	Mycobacterial infections in coal workersâ€™ pneumoconiosis patients in South Korea. Scandinavian Journal of Infectious Diseases, 2009, 41, 656-662.	1.5	21
46	The characteristics and clinical outcome of adult patients with aplastic anemia and abnormal cytogenetics at diagnosis. Genes Chromosomes and Cancer, 2010, 49, 844-850.	1.5	21
47	Cytogenetic characteristics and prognosis analysis in 231 myelodysplastic syndrome patients from a single institution. Leukemia Research, 2011, 35, 735-740.	0.4	21
48	<scp>FANCA</scp> and <scp>FANCG</scp> are the major Fanconi anemia genes in the Korean population. Clinical Genetics, 2013, 84, 271-275.	1.0	21
49	Impact of Genetic Abnormalities on the Prognoses and Clinical Parameters of Patients with Multiple Myeloma. Annals of Laboratory Medicine, 2013, 33, 248-254.	1.2	21
50	White blood cell differential counts in severely leukopenic samples: a comparative analysis of different solutions available in modern laboratory hematology. Blood Research, 2014, 49, 120.	0.5	21
51	Pathogenic Mitochondrial DNA Mutations and Associated Clinical Features in Korean Patients With Leber's Hereditary Optic Neuropathy. Investigative Ophthalmology and Visual Science, 2014, 55, 8095-8101.	3.3	21
52	Circulating immune cell phenotype can predict the outcome of lenalidomide plus low-dose dexamethasone treatment in patients with refractory/relapsed multiple myeloma. Cancer Immunology, Immunotherapy, 2016, 65, 983-994.	2.0	21
53	Maternal Age-Specific Rates of Fetal Chromosomal Abnormalities at 16â€“20 Weeksâ€™ Gestation in Korean Pregnant Women â‰§35 Years of Age. Fetal Diagnosis and Therapy, 2010, 27, 214-221.	0.6	20
54	Feasibility of a Microarray-Based Point-of-CareCYP2C19Genotyping Test for Predicting Clopidogrel On-Treatment Platelet Reactivity. BioMed Research International, 2013, 2013, 1-5.	0.9	20

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55	Identification of small marker chromosomes using microarray comparative genomic hybridization and multicolor fluorescent in situ hybridization. Molecular Cytogenetics, 2016, 9, 61.	0.4	20
56	Complex interaction networks of cytokines after transarterial chemotherapy in patients with hepatocellular carcinoma. PLoS ONE, 2019, 14, e0224318.	1.1	20
57	Centrosome abnormalities in non-small cell lung cancer: Correlations with DNA aneuploidy and expression of cell cycle regulatory proteins. Pathology Research and Practice, 2007, 203, 839-847.	1.0	19
58	TGFBR2 gene polymorphism is associated with ossification of the posterior longitudinal ligament. Journal of Clinical Neuroscience, 2013, 20, 453-456.	0.8	18
59	Reclassification of Acute Myeloid Leukemia According to the 2016 WHO Classification. Annals of Laboratory Medicine, 2019, 39, 311-316.	1.2	18
60	Bortezomib in Combination with Conventional Chemotherapeutic Agents for Multiple Myeloma Compared with Bortezomib Alone. Japanese Journal of Clinical Oncology, 2007, 37, 961-968.	0.6	17
61	Peroxidasin is essential for endothelial cell survival and growth signaling by sulfilimine crosslinkâ€dependent matrix assembly. FASEB Journal, 2020, 34, 10228-10241.	0.2	17
62	Haploidentical vs matched unrelated donor transplantation for acute myeloid leukemia in remission: A prospective comparative study. American Journal of Hematology, 2021, 96, 98-109.	2.0	17
63	Immune gene expression networks in sepsis: A network biology approach. PLoS ONE, 2021, 16, e0247669.	1.1	17
64	Molecular analysis of the PAX6 gene for congenital aniridia in the Korean population: identification of four novel mutations. Molecular Vision, 2012, 18, 488-94.	1.1	17
65	Novel COL9A3 mutation in a family diagnosed with multiple epiphyseal dysplasia: a case report. BMC Musculoskeletal Disorders, 2014, 15, 371.	0.8	16
66	Wilms Tumor Gene 1 Expression as a Predictive Marker for Relapse and Survival after Hematopoietic Stem Cell Transplantation for Myelodysplastic Syndromes. Biology of Blood and Marrow Transplantation, 2015, 21, 460-467.	2.0	16
67	Molecular analysis of Korean patients with oculocutaneous albinism. Japanese Journal of Ophthalmology, 2012, 56, 98-103.	0.9	15
68	Variant of <i>ETV6/ABL1</i> Gene Is Associated with Leukemia Phenotype. Acta Haematologica, 2013, 129, 78-82.	0.7	15
69	Characteristics of hematologic malignancies with coexisting t(9;22) and inv(16) chromosomal abnormalities. Blood Research, 2014, 49, 22.	0.5	15
70	Determination of posaconazole concentration with LCâ€“MS/MS in adult patients with hematologic malignancy. Clinica Chimica Acta, 2015, 450, 220-226.	0.5	15
71	The first patient with sporadic X-linked intellectual disability with de novo ZDHHC9 mutation identified by targeted next-generation sequencing. European Journal of Medical Genetics, 2017, 60, 499-503.	0.7	15
72	Genetic Profiles of Korean Patients With Glucose-6-Phosphate Dehydrogenase Deficiency. Annals of Laboratory Medicine, 2017, 37, 108-116.	1.2	15

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73	Clinical Validity of Next-Generation Sequencing Multi-Gene Panel Testing for Detecting Pathogenic Variants in Patients With Hereditary Breast-Ovarian Cancer Syndrome. Annals of Laboratory Medicine, 2020, 40, 148-154.	1.2	15
74	Geneticâ€“pathologic characterization of myeloproliferative neoplasms. Experimental and Molecular Medicine, 2016, 48, e247-e247.	3.2	14
75	Mutational spectrum of Korean patients with corneal dystrophy. Clinical Genetics, 2016, 89, 678-689.	1.0	14
76	Significance of KIT exon 17 mutation depends on mutant level rather than positivity in core-binding factor acute myeloid leukemia. Blood Cancer Journal, 2016, 6, e387-e387.	2.8	14
77	Ubiquitin C decrement plays a pivotal role in replicative senescence of bone marrow mesenchymal stromal cells. Cell Death and Disease, 2018, 9, 139.	2.7	14
78	Germline CEBPA mutations in Korean patients with acute myeloid leukemia. Leukemia Research, 2019, 76, 84-86.	0.4	14
79	Diagnostic approach with genetic tests for global developmental delay and/or intellectual disability: Single tertiary center experience. Annals of Human Genetics, 2019, 83, 115-123.	0.3	14
80	Pseudomembranous Colitis following Bortezomib Therapy in a Myeloma Patient. Acta Haematologica, 2007, 117, 211-214.	0.7	13
81	A Comparison of <scp>INNOVANCE</scp>Â® <scp>PFA P</scp>2<scp>Y</scp> and <scp>V</scp>erify<scp>N</scp>ow <scp>P</scp>2<scp>Y</scp>12 Assay for the Assessment of Clopidogrel Resistance in Patients Undergoing Percutaneous Coronary Intervention. Journal of Clinical Laboratory Analysis, 2012, 26, 262-266.	0.9	13
82	Somatic mutation of IL7R exon 6 in acute leukemias and solid cancers. Human Pathology, 2013, 44, 551-555.	1.1	13
83	Validation of Western common recurrent chromosomal aberrations in Korean chronic lymphocytic leukaemia patients with very low incidence. Hematological Oncology, 2014, 32, 169-177.	0.8	13
84	Flow Cytometric White Blood Cell Differential Using CytoDiff is Excellent for Counting Blasts. Annals of Laboratory Medicine, 2015, 35, 28-34.	1.2	13
85	T618I-Mutated Colony Stimulating Factor 3 Receptor in Chronic Neutrophilic Leukemia and Chronic Myelomonocytic Leukemia Patients who Underwent Allogeneic Stem Cell Transplantation. Annals of Laboratory Medicine, 2015, 35, 376-378.	1.2	13
86	Phenotype of a Patient With a 1p36.11-p35.3 Interstitial Deletion Encompassing the AHDC1. Annals of Laboratory Medicine, 2017, 37, 563-565.	1.2	13
87	Detection of BRCA1/2 large genomic rearrangement including BRCA1 promoter-region deletions using next-generation sequencing. Clinica Chimica Acta, 2020, 505, 49-54.	0.5	13
88	The influence of infection early after allogeneic stem cell transplantation on the risk of leukemic relapse and graftâ€versusâ€host disease. American Journal of Hematology, 2008, 83, 784-788.	2.0	12
89	Discordant lymphocyte-depleted classical Hodgkinâ€™s and peripheral T-cell lymphoma arising in a patient 11Âyears after diagnosis of multicentric Castlemanâ€™s disease. International Journal of Hematology, 2013, 98, 114-121.	0.7	12
90	Analysis of Immunoglobulin and T Cell Receptor Gene Rearrangement in the Bone Marrow of Lymphoid Neoplasia Using BIOMED-2 Multiplex Polymerase Chain Reaction. International Journal of Medical Sciences, 2013, 10, 1510-1517.	1.1	12

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91	The Affecting Factors of Breast Anthropometry in Korean Women. Breastfeeding Medicine, 2014, 9, 73-78.	0.8	12
92	PCM1-JAK2 Fusion in a Patient With Acute Myeloid Leukemia. Annals of Laboratory Medicine, 2018, 38, 492-494.	1.2	12
93	Analytical and Clinical Performance of Droplet Digital PCR in the Detection and Quantification of SARS-CoV-2. Molecular Diagnosis and Therapy, 2021, 25, 617-628.	1.6	12
94	Comparable Outcomes After Alternative and Matched Sibling Donor Hematopoietic Stem Cell Transplantation and the Role of Molecular Measurable Residual Disease for Acute Myeloid Leukemia in Elderly Patients. Transplantation and Cellular Therapy, 2021, 27, 774.e1-774.e12.	0.6	12
95	Outcome and Prognostic Factors for ETV6/RUNX1 Positive Pediatric Acute Lymphoblastic Leukemia Treated at a Single Institution in Korea. Cancer Research and Treatment, 2017, 49, 446-453.	1.3	12
96	A Case of Chronic Myelomonocytic Leukemia with Severe Eosinophilia Having t(5;12)(q31;p13) with t(1;7)(q10;p10). Acta Haematologica, 2005, 114, 104-107.	0.7	11
97	Identification of Compound Heterozygous Mutations in the BBS7 Gene in a Korean Family with Bardet-Biedl Syndrome. Annals of Laboratory Medicine, 2015, 35, 181-184.	1.2	11
98	Clinical outcomes of venous thromboembolism with dalteparin therapy in multiple myeloma patients. Thrombosis Research, 2015, 136, 974-979.	0.8	11
99	A twin sibling with Prader-Willi syndrome caused by type 2 microdeletion following assisted reproductive technology: A case report. Biomedical Reports, 2016, 5, 18-22.	0.9	11
100	Distribution of somatic mutations of cancer-related genes according to microsatellite instability status in Korean gastric cancer. Medicine (United States), 2017, 96, e7224.	0.4	11
101	Measurement of Teicoplanin Concentration With Liquid Chromatography-Tandem Mass Spectrometry Method Demonstrates the Usefulness of Therapeutic Drug Monitoring in Hematologic Patient Populations. Therapeutic Drug Monitoring, 2018, 40, 330-336.	1.0	11
102	Diagnosis for Pheochromocytoma and Paraganglioma: A Joint Position Statement of the Korean Pheochromocytoma and Paraganglioma Task Force. Endocrinology and Metabolism, 2021, 36, 322-338.	1.3	11
103	Direct Detection of Low Abundance Genes of Single Point Mutation. Nano Letters, 2021, 21, 9061-9068.	4.5	11
104	Prenatal Diagnosis of Pallister-Killian Syndrome Associated with Pulmonary Stenosis and Right Ventricular Dilatation. Annals of Laboratory Medicine, 2009, 29, 366-370.	1.2	10
105	Two distinct clonal populations in acute promyelocytic leukemia, one involving chromosome 17 and the other involving an isochromosome 17. Cancer Genetics and Cytogenetics, 2010, 197, 185-188.	1.0	10
106	Prenatal diagnosis of autosomal recessive polycystic kidney disease by molecular genetic analysis. Journal of Obstetrics and Gynaecology Research, 2011, 37, 1744-1747.	0.6	10
107	X-Linked Spondyloepiphyseal Dysplasia Tarda: Identification of a TRAPPC2 Mutation in a Korean Pedigree. Annals of Laboratory Medicine, 2012, 32, 234-237.	1.2	10
108	A Novel Nonsense Mutation of the SLC4A11 Gene in a Korean Patient With Autosomal Recessive Congenital Hereditary Endothelial Dystrophy. Cornea, 2013, 32, e181-e182.	0.9	10

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109	Four Cases of Chronic Myelogenous Leukemia in Mixed Phenotype Blast Phase at Initial Presentation Mimicking Mixed Phenotype Acute Leukemia with t(9;22). Annals of Laboratory Medicine, 2014, 34, 60-63.	1.2	10
110	Ribosomal protein mutations in Korean patients with Diamond-Blackfan anemia. Experimental and Molecular Medicine, 2014, 46, e88-e88.	3.2	10
111	Identification of large genomic rearrangement of BRCA1/2 in high risk patients in Korea. BMC Medical Genetics, 2017, 18, 38.	2.1	10
112	Association of FLG single nucleotide variations with clinical phenotypes of atopic dermatitis. PLoS ONE, 2017, 12, e0190077.	1.1	10
113	Common and different alterations of bone marrow mesenchymal stromal cells in myelodysplastic syndrome and multiple myeloma. Cell Proliferation, 2020, 53, e12819.	2.4	10
114	Current insights into inherited bone marrow failure syndromes. Korean Journal of Pediatrics, 2014, 57, 337.	1.9	10
115	Retrospective Comparison of Bortezomib-containing Regimens with Vincristine-Doxorubicin-Dexamethasone (VAD) as Induction Treatment Prior to Autologous Stem Cell Transplantation for Multiple Myeloma. Japanese Journal of Clinical Oncology, 2009, 39, 449-455.	0.6	9
116	Evaluation of enzymatic BM Test HbA_{1c}on the JCA-BM6010/C and comparison with Bio-Rad Variant II Turbo, Tosoh HLC 723 G8, and AutoLab immunoturbidimetry assay. Clinical Chemistry and Laboratory Medicine, 2013, 51, 2201-2208.	1.4	9
117	Novel Markers of Early Neutrophilic and Monocytic Engraftment after Hematopoietic Stem Cell Transplantation. Annals of Laboratory Medicine, 2014, 34, 92-97.	1.2	9
118	Bone Marrow Plasma Cell Assessment before Peripheral Blood Stem Cell Mobilization in Patients with Multiple Myeloma Undergoing Autologous Stem Cell Transplantation. BioMed Research International, 2014, 2014, 1-8.	0.9	9
119	Somatic mutation ofSPOPtumor suppressor gene is rare in breast, lung, liver cancers, and acute leukemias. Apmis, 2014, 122, 164-166.	0.9	9
120	Copy number variations could predict the outcome of bortezomib plus melphalan and prednisone for initial treatment of multiple myeloma. Genes Chromosomes and Cancer, 2015, 54, 20-27.	1.5	9
121	The effect of fibroblast growth factor on distinct differentiation potential of cord bloodâ€“derived unrestricted somatic stem cells and Wharton's jellyâ€“derived mesenchymal stem/stromal cells. Cytotherapy, 2015, 17, 1723-1731.	0.3	9
122	Molecular analysis of myocilin and optineurin genes in Korean primary glaucoma patients. Molecular Medicine Reports, 2016, 14, 2439-2448.	1.1	9
123	Practical informativeness of short tandem repeat loci for chimerism analysis in hematopoietic stem cell transplantation. Clinica Chimica Acta, 2017, 468, 51-59.	0.5	9
124	Hereditary dehydrated stomatocytosis with splicing site mutation of PIEZO1 mimicking myelodysplastic syndrome diagnosed by targeted nextâ€generation sequencing. Pediatric Blood and Cancer, 2018, 65, e27053.	0.8	9
125	Molecular drug resistance profiles of Mycobacterium tuberculosis from sputum specimens using ion semiconductor sequencing. Journal of Microbiological Methods, 2018, 145, 1-6.	0.7	9
126	Non-inferior long-term outcomes of adults with Philadelphia chromosome-like acute lymphoblastic leukemia. Bone Marrow Transplantation, 2021, 56, 1953-1963.	1.3	9

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127	Korean patients with chronic lymphocytic leukemia show the similar types of chromosomal aberrations as those in Europe and North America. Leukemia Research, 2006, 30, 695-699.	0.4	8
128	B lymphoblastic leukemia with ETV6 amplification. Cancer Genetics and Cytogenetics, 2010, 203, 284-287.	1.0	8
129	Neutrophil Gelatinase-Associated Lipocalin as a Biomarker of Renal Impairment in Patients With Multiple Myeloma. Clinical Lymphoma, Myeloma and Leukemia, 2015, 15, 35-40.	0.2	8
130	Diagnostic exome sequencing identifies a heterozygous MBD5 frameshift mutation in a family with intellectual disability and epilepsy. European Journal of Medical Genetics, 2017, 60, 559-564.	0.7	8
131	HLAâ€A , â€B, â€C, â€•DRB1 allele and haplotype frequencies of the Korean population and performance characteristics of HLA typing by nextâ€generation sequencing. Hla, 2021, 97, 188-197.	0.4	8
132	The factors influencing clinical outcomes after leukapheresis in acute leukaemia. Scientific Reports, 2021, 11, 6426.	1.6	8
133	Molecular analysis of the CHST6 gene in Korean patients with macular corneal dystrophy: Identification of three novel mutations. Molecular Vision, 2015, 21, 1201-9.	1.1	8
134	Use of an automated hematology analyzer and flow cytometry to assess bone marrow cellularity and differential cell count. Annals of Clinical and Laboratory Science, 2004, 34, 307-13.	0.2	8
135	Postoperative Trichosporon asahii Spondylodiscitis After Open Lumbar Discectomy. Spine, 2008, 33, E116-E120.	1.0	7
136	Maintenance of the viral episome is essential for the cell survival of an Epstein-Barr virus positive gastric carcinoma cell line. Archives of Pharmacal Research, 2009, 32, 729-736.	2.7	7
137	A new compound heterozygous mutation in theCYP17A1gene in a female with 17Î±-hydroxylase/17,20-lyase deficiency. Gynecological Endocrinology, 2013, 29, 720-723.	0.7	7
138	Spectrin Tunis (Sp alpha ^{I/78}) in a Korean Family with Hereditary Elliptocytosis. Annals of Laboratory Medicine, 2013, 33, 386-389.	1.2	7
139	Utility of a multiplex reverse transcriptase-polymerase chain reaction assay (HemaVision) in the evaluation of genetic abnormalities in Korean children with acute leukemia: a single institution study. Korean Journal of Pediatrics, 2013, 56, 247.	1.9	7
140	Comparison of Targeted Next-Generation and Sanger Sequencing for the BRCA1 and BRCA2 Mutation Screening. Annals of Laboratory Medicine, 2016, 36, 197-201.	1.2	7
141	Identification of a novel de novo nonsense mutation of the NSD1 gene in monozygotic twins discordant for Sotos syndrome. Clinica Chimica Acta, 2017, 470, 31-35.	0.5	7
142	Considerations when using next-generation sequencing for genetic diagnosis of long-QT syndrome in the clinical testing laboratory. Clinica Chimica Acta, 2017, 464, 128-135.	0.5	7
143	Targeted next-generation sequencing identifies a novel nonsense mutation in SPTB for hereditary spherocytosis. Medicine (United States), 2018, 97, e9677.	0.4	7
144	Heavy/light chain assay as a biomarker for diagnosis and follow-up of multiple myeloma. Clinica Chimica Acta, 2018, 479, 7-13.	0.5	7

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145	Considerations for monitoring minimal residual disease using immunoglobulin clonality in patients with precursor B-cell lymphoblastic leukemia. Clinica Chimica Acta, 2019, 488, 81-89.	0.5	7
146	Prognostic Role of Postinduction Minimal Residual Disease and Myeloid Sarcoma Type Extramedullary Involvement in Pediatric RUNX1-RUNX1T1 (+) Acute Myeloid Leukemia. Journal of Pediatric Hematology/Oncology, 2020, 42, e132-e139.	0.3	7
147	Gene expression signatures associated with sensitivity to azacitidine in myelodysplastic syndromes. Scientific Reports, 2020, 10, 19555.	1.6	7
148	High incidence of RAS pathway mutations among sentinel genetic lesions of Korean pediatric BCRâ€ABL1 â€like acute lymphoblastic leukemia. Cancer Medicine, 2020, 9, 4632-4639.	1.3	7
149	Genotypic and phenotypic characteristics of Korean children with childhood-onset Leberâ€™s hereditary optic neuropathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2020, 258, 2283-2290.	1.0	7
150	Seroprevalence of Neutralizing Antibodies against Japanese Encephalitis Virus among Adolescents and Adults in Korea: A Prospective Multicenter Study. Vaccines, 2020, 8, 328.	2.1	7
151	Influence of plasma methotrexate level and MTHFR genotype in Korean paediatric patients with acute lymphoblastic leukaemia. Journal of Chemotherapy, 2020, 32, 251-259.	0.7	7
152	Cytogenetic analysis in childhood acute lymphoblastic leukemia: experience at a single institution in Korea. International Journal of Hematology, 2009, 89, 150-158.	0.7	6
153	Prenatal Diagnosis of Congenital Lipoid Adrenal Hyperplasia (CLAH) by Molecular Genetic Testing in Korean Siblings. Yonsei Medical Journal, 2011, 52, 1035.	0.9	6
154	Genotypeâ€“phenotype correlation of a 5q22.3 deletion associated with craniofacial and limb defects. Gene, 2012, 494, 105-108.	1.0	6
155	Correction of Pseudoreticulocytosis in Leukocytosis Samples Using the Sysmex XE-2100 Analyzer Depends on the Type and Number of White Blood Cells. Annals of Laboratory Medicine, 2012, 32, 392-398.	1.2	6
156	Somatic mutation of <scp>H</scp>3<scp>F</scp>3<scp>A</scp>, a chromatin remodeling gene, is rare in acute leukemias and nonâ€<scp>H</scp>odgkin lymphoma. European Journal of Haematology, 2013, 90, 169-170.	1.1	6
157	A novel COL7A1 mutation in a Korean patient with Hallopeau-Siemens recessive dystrophic epidermolysis bullosa. Genetics and Molecular Research, 2013, 12, 678-682.	0.3	6
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