

Jeong-Sun Seo

List of Publications by Year in descending order

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151
papers

10,476
citations

50276

46
h-index

38395

95
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155
all docs

155
docs citations

155
times ranked

18771
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , 2021, 590, 290-299.	27.8	1,069
2	The transcriptional landscape and mutational profile of lung adenocarcinoma. <i>Genome Research</i> , 2012, 22, 2109-2119.	5.5	524
3	Birth of parthenogenetic mice that can develop to adulthood. <i>Nature</i> , 2004, 428, 860-864.	27.8	477
4	A transforming <i>KIF5B</i> and <i>RET</i> gene fusion in lung adenocarcinoma revealed from whole-genome and transcriptome sequencing. <i>Genome Research</i> , 2012, 22, 436-445.	5.5	433
5	The genome sequence of <i>Xanthomonas oryzae pathovar oryzae</i> KACC10331, the bacterial blight pathogen of rice. <i>Nucleic Acids Research</i> , 2005, 33, 577-586.	14.5	431
6	Heat Shock Protein 70 Inhibits Apoptosis Downstream of Cytochrome c Release and Upstream of Caspase-3 Activation. <i>Journal of Biological Chemistry</i> , 2000, 275, 25665-25671.	3.4	410
7	The Fine-Scale and Complex Architecture of Human Copy-Number Variation. <i>American Journal of Human Genetics</i> , 2008, 82, 685-695.	6.2	315
8	De novo assembly and phasing of a Korean human genome. <i>Nature</i> , 2016, 538, 243-247.	27.8	310
9	A highly annotated whole-genome sequence of a Korean individual. <i>Nature</i> , 2009, 460, 1011-1015.	27.8	295
10	Comprehensive Analysis of the Transcriptional and Mutational Landscape of Follicular and Papillary Thyroid Cancers. <i>PLoS Genetics</i> , 2016, 12, e1006239.	3.5	265
11	The genome sequence of the ethnologenic bacterium <i>Zymomonas mobilis</i> ZM4. <i>Nature Biotechnology</i> , 2005, 23, 63-68.	17.5	260
12	Population-specific and trans-ancestry genome-wide analyses identify distinct and shared genetic risk loci for coronary artery disease. <i>Nature Genetics</i> , 2020, 52, 1169-1177.	21.4	206
13	Up-regulation of Caveolin Attenuates Epidermal Growth Factor Signaling in Senescent Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 20847-20852.	3.4	201
14	A public resource facilitating clinical use of genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11920-11927.	7.1	194
15	Genome-wide characterization of the routes to pluripotency. <i>Nature</i> , 2014, 516, 198-206.	27.8	187
16	Discovery of common Asian copy number variants using integrated high-resolution array CGH and massively parallel DNA sequencing. <i>Nature Genetics</i> , 2010, 42, 400-405.	21.4	179
17	Virus Isolation from the First Patient with SARS-CoV-2 in Korea. <i>Journal of Korean Medical Science</i> , 2020, 35, e84.	2.5	175
18	Integrative analysis of genomic and transcriptomic characteristics associated with progression of aggressive thyroid cancer. <i>Nature Communications</i> , 2019, 10, 2764.	12.8	166

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19	Heat Shock Protein Hsp72 Is a Negative Regulator of Apoptosis Signal-Regulating Kinase 1. <i>Molecular and Cellular Biology</i> , 2002, 22, 7721-7730.	2.3	154
20	Severe reactive astrocytes precipitate pathological hallmarks of Alzheimer's disease via H ₂ O ₂ production. <i>Nature Neuroscience</i> , 2020, 23, 1555-1566.	14.8	154
21	Prognostic effects of <i>TERT</i> promoter mutations are enhanced by coexistence with <i>BRAF</i> or <i>RAS</i> mutations and strengthen the risk prediction by the ATA or TNM staging system in differentiated thyroid cancer patients. <i>Cancer</i> , 2016, 122, 1370-1379.	4.1	147
22	Divergent reprogramming routes lead to alternative stem-cell states. <i>Nature</i> , 2014, 516, 192-197.	27.8	123
23	Extensive genomic and transcriptional diversity identified through massively parallel DNA and RNA sequencing of eighteen Korean individuals. <i>Nature Genetics</i> , 2011, 43, 745-752.	21.4	121
24	Activation of Histone Deacetylase 2 by Inducible Heat Shock Protein 70 in Cardiac Hypertrophy. <i>Circulation Research</i> , 2008, 103, 1259-1269.	4.5	117
25	Targeted <i>hsp70.1</i> Disruption Increases Infarction Volume After Focal Cerebral Ischemia in Mice. <i>Stroke</i> , 2001, 32, 2905-2912.	2.0	110
26	An epigenomic roadmap to induced pluripotency reveals DNA methylation as a reprogramming modulator. <i>Nature Communications</i> , 2014, 5, 5619.	12.8	108
27	Identification of radiation-specific responses from gene expression profile. <i>Oncogene</i> , 2002, 21, 8521-8528.	5.9	107
28	Whole Genome and Global Gene Expression Analyses of the Model Mushroom <i>Flammulina velutipes</i> Reveal a High Capacity for Lignocellulose Degradation. <i>PLoS ONE</i> , 2014, 9, e93560.	2.5	107
29	T Cell Lymphoma in Transgenic Mice Expressing the Human Hsp70 Gene. <i>Biochemical and Biophysical Research Communications</i> , 1996, 218, 582-587.	2.1	103
30	HSP70 Deficiency Results in Activation of c-Jun N-terminal Kinase, Extracellular Signal-regulated Kinase, and Caspase-3 in Hyperosmolarity-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2005, 280, 6634-6641.	3.4	103
31	RNA editing in <i>RHOQ</i> promotes invasion potential in colorectal cancer. <i>Journal of Experimental Medicine</i> , 2014, 211, 613-621.	8.5	97
32	Genome-scale modeling and in silico analysis of ethanologenic bacteria <i>Zymomonas mobilis</i> . <i>Biotechnology and Bioengineering</i> , 2011, 108, 655-665.	3.3	86
33	Targeted disruption of <i>hsp70.1</i> sensitizes to osmotic stress. <i>EMBO Reports</i> , 2002, 3, 857-861.	4.5	85
34	Genetic diagnosis of Duchenne and Becker muscular dystrophy using next-generation sequencing technology: comprehensive mutational search in a single platform. <i>Journal of Medical Genetics</i> , 2011, 48, 731-736.	3.2	80
35	Genomic landscape of ovarian clear cell carcinoma via whole exome sequencing. <i>Gynecologic Oncology</i> , 2018, 148, 375-382.	1.4	75
36	Targeted Sequencing of Cancer-Related Genes in Colorectal Cancer Using Next-Generation Sequencing. <i>PLoS ONE</i> , 2013, 8, e64271.	2.5	71

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37	Genome-wide association and expression quantitative trait loci studies identify multiple susceptibility loci for thyroid cancer. <i>Nature Communications</i> , 2017, 8, 15966.	12.8	64
38	Association of interleukin-6 promoter variant with bone mineral density in pre-menopausal women. <i>Journal of Human Genetics</i> , 2003, 48, 243-248.	2.3	63
39	Iron chelation study in a normal human hepatocyte cell line suggests that tumor necrosis factor receptor-associated protein 1 (TRAP1) regulates production of reactive oxygen species. <i>Journal of Cellular Biochemistry</i> , 2007, 100, 474-486.	2.6	62
40	Interaction of BRAF-induced ETS factors with mutant TERT promoter in papillary thyroid cancer. <i>Endocrine-Related Cancer</i> , 2019, 26, 629-641.	3.1	60
41	Draft Genome Sequence of <i>Streptomyces clavuligerus</i> NRRL 3585, a Producer of Diverse Secondary Metabolites. <i>Journal of Bacteriology</i> , 2010, 192, 6317-6318.	2.2	55
42	Comprehensive analysis of the tumor immune micro-environment in non-small cell lung cancer for efficacy of checkpoint inhibitor. <i>Scientific Reports</i> , 2018, 8, 14576.	3.3	55
43	Small RNA changes en route to distinct cellular states of induced pluripotency. <i>Nature Communications</i> , 2014, 5, 5522.	12.8	54
44	Gene Profile of Replicative Senescence Is Different from Progeria or Elderly Donor. <i>Biochemical and Biophysical Research Communications</i> , 2001, 282, 934-939.	2.1	53
45	The Role of Inducible 70-kDa Heat Shock Protein in Cell Cycle Control, Differentiation, and Apoptotic Cell Death of the Human Myeloid Leukemic HL-60 Cells. <i>Cellular Immunology</i> , 1998, 187, 1-12.	3.0	50
46	Comprehensive genomic analyses associate <i>UGT8</i> variants with musical ability in a Mongolian population. <i>Journal of Medical Genetics</i> , 2012, 49, 747-752.	3.2	48
47	Caveolin Internalization by Heat Shock or Hyperosmotic Shock. <i>Experimental Cell Research</i> , 2000, 255, 221-228.	2.6	47
48	FOXO3a Turns the Tumor Necrosis Factor Receptor Signaling Towards Apoptosis Through Reciprocal Regulation of c-Jun N-Terminal Kinase and NF- κ B. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 112-120.	2.4	47
49	Whole-Exome Sequencing Identifies Mutations of KIF22 in Spondyloepimetaphyseal Dysplasia with Joint Laxity, Leptodactylic Type. <i>American Journal of Human Genetics</i> , 2011, 89, 760-766.	6.2	46
50	CXCL16 positively correlated with M2-macrophage infiltration, enhanced angiogenesis, and poor prognosis in thyroid cancer. <i>Scientific Reports</i> , 2019, 9, 13288.	3.3	46
51	Searching for pathogenic gene functions to cervical cancer. <i>Gynecologic Oncology</i> , 2004, 93, 41-48.	1.4	43
52	Noninvasive Prenatal Diagnosis of Duchenne Muscular Dystrophy: Comprehensive Genetic Diagnosis in Carrier, Proband, and Fetus. <i>Clinical Chemistry</i> , 2015, 61, 829-837.	3.2	42
53	Tissue response to poly(l-lactic acid)-based blend with phospholipid polymer for biodegradable cardiovascular stents. <i>Biomaterials</i> , 2011, 32, 2241-2247.	11.4	41
54	Transcriptome analyses of chronic traumatic encephalopathy show alterations in protein phosphatase expression associated with tauopathy. <i>Experimental and Molecular Medicine</i> , 2017, 49, e333-e333.	7.7	41

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55	Gene Expression Profile of Megakaryocytes from Human Cord Blood CD34+ Cells Ex Vivo Expanded by Thrombopoietin. <i>Stem Cells</i> , 2002, 20, 402-416.	3.2	40
56	Inhibitory effects of biochanin A on mouse lung tumor induced by benzo(a)pyrene. <i>Journal of Korean Medical Science</i> , 1991, 6, 325.	2.5	38
57	Experimental Oncology Differential expression of TIS21 and TIS1 genes in the various organs of Balb/c mice, thymic carcinoma tissues and human cancer cell lines. <i>Journal of Cancer Research and Clinical Oncology</i> , 1995, 121, 279-284.	2.5	37
58	Impaired repair ability of hsp70.1 KO mouse after UVB irradiation. <i>Journal of Dermatological Science</i> , 2002, 28, 144-151.	1.9	37
59	Transgenic mice overexpressing cyclophilin A are resistant to cyclosporin A-induced nephrotoxicity via peptidyl-prolyl cis \rightarrow trans isomerase activity. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 1073-1080.	2.1	37
60	Heat shock protein 27 interacts with vimentin and prevents insolubilization of vimentin subunits induced by cadmium. <i>Experimental and Molecular Medicine</i> , 2005, 37, 427-435.	7.7	33
61	Higher mitochondrial DNA copy number is associated with lower prevalence of microalbuminuria. <i>Experimental and Molecular Medicine</i> , 2009, 41, 253.	7.7	33
62	Spontaneous Activation of Pancreas Trypsinogen in Heat Shock Protein 70.1 Knock-out Mice. <i>Pancreas</i> , 2005, 31, 332-336.	1.1	31
63	HSP90 protects apoptotic cleavage of vimentin in geldanamycin-induced apoptosis. <i>Molecular and Cellular Biochemistry</i> , 2006, 281, 111-121.	3.1	31
64	Differential expression of two stress-inducible hsp70 genes by various stressors. <i>Experimental and Molecular Medicine</i> , 2002, 34, 131-136.	7.7	30
65	Molecular responses of Jurkat T-cells to 1763 MHz radiofrequency radiation. <i>International Journal of Radiation Biology</i> , 2008, 84, 734-741.	1.8	30
66	Selection of Neural Differentiation-Specific Genes by Comparing Profiles of Random Differentiation. <i>Stem Cells</i> , 2006, 24, 1946-1955.	3.2	29
67	Targeted linked-read sequencing for direct haplotype phasing of maternal DMD alleles: a practical and reliable method for noninvasive prenatal diagnosis. <i>Scientific Reports</i> , 2018, 8, 8678.	3.3	29
68	Effect of Thermal Preconditioning Before Excimer Laser Photoablation. <i>Journal of Korean Medical Science</i> , 2004, 19, 437.	2.5	28
69	Whole Exome and Transcriptome Analyses Integrated with Microenvironmental Immune Signatures of Lung Squamous Cell Carcinoma. <i>Cancer Immunology Research</i> , 2018, 6, 848-859.	3.4	28
70	NARD: whole-genome reference panel of 1779 Northeast Asians improves imputation accuracy of rare and low-frequency variants. <i>Genome Medicine</i> , 2019, 11, 64.	8.2	28
71	Expression of Cu/Zn SOD Protein Is Suppressed in hsp 70.1 Knockout Mice. <i>BMB Reports</i> , 2005, 38, 111-114.	2.4	28
72	Identification of senescence-associated genes in human bone marrow mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 431-436.	2.1	27

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73	Signatures of photo-aging and intrinsic aging in skin were revealed by transcriptome network analysis. <i>Aging</i> , 2018, 10, 1609-1626.	3.1	27
74	Choline acetyltransferase G +4 A polymorphism confers a risk for Alzheimer's disease in concert with Apolipoprotein E ϵ 4. <i>Neuroscience Letters</i> , 2004, 366, 182-186.	2.1	26
75	Characterization of biological effect of 1763 MHz radiofrequency exposure on auditory hair cells. <i>International Journal of Radiation Biology</i> , 2008, 84, 909-915.	1.8	25
76	Somatic deletions implicated in functional diversity of brain cells of individuals with schizophrenia and unaffected controls. <i>Scientific Reports</i> , 2015, 4, 3807.	3.3	25
77	c-Fes tyrosine kinase binds to and activates STAT3 after granulocyte macrophage colony-stimulating factor stimulation. <i>Cancer Letters</i> , 1998, 129, 29-37.	7.2	24
78	<i>NTRK1</i> fusions for the therapeutic intervention of Korean patients with colon cancer. <i>Oncotarget</i> , 2016, 7, 8399-8412.	1.8	24
79	Heritabilities of Facial Measurements and Their Latent Factors in Korean Families. <i>Genomics and Informatics</i> , 2013, 11, 83.	0.8	24
80	Positive serological evidence that Hantaan virus, the etiologic agent of hemorrhagic fever with renal syndrome, is endemic in Canada. <i>Canadian Journal of Microbiology</i> , 1984, 30, 1137-1140.	1.7	23
81	Transcriptome Network Analysis Reveals Aging-Related Mitochondrial and Proteasomal Dysfunction and Immune Activation in Human Thyroid. <i>Thyroid</i> , 2018, 28, 656-666.	4.5	23
82	Legacy Data Confound Genomics Studies. <i>Molecular Biology and Evolution</i> , 2020, 37, 2-10.	8.9	23
83	Reference-unbiased copy number variant analysis using CGH microarrays. <i>Nucleic Acids Research</i> , 2010, 38, e190-e190.	14.5	22
84	Overexpression of tumor necrosis factor receptor-associated protein 1 (TRAP1), leads to mitochondrial aberrations in mouse fibroblast NIH/3T3 cells. <i>BMB Reports</i> , 2014, 47, 280-285.	2.4	21
85	Comprehensive Transcriptomic and Genomic Profiling of Subtypes of Follicular Variant of Papillary Thyroid Carcinoma. <i>Thyroid</i> , 2018, 28, 1468-1478.	4.5	21
86	Recent Improvements in Genomic and Transcriptomic Understanding of Anaplastic and Poorly Differentiated Thyroid Cancers. <i>Endocrinology and Metabolism</i> , 2020, 35, 44.	3.0	21
87	Targeting efficiency of α -1,3-galactosyl transferase gene in pig fetal fibroblast cells. <i>Experimental and Molecular Medicine</i> , 2003, 35, 572-577.	7.7	20
88	The tumor immune microenvironmental analysis of 2,033 transcriptomes across 7 cancer types. <i>Scientific Reports</i> , 2020, 10, 9536.	3.3	20
89	cDNA Microarray Analysis of Gene Expression Profiles Associated with Cervical Cancer. <i>Cancer Research and Treatment</i> , 2003, 35, 451-459.	3.0	19
90	Targeted resequencing of candidate genes reveals novel variants associated with severe Behçet's uveitis. <i>Experimental and Molecular Medicine</i> , 2013, 45, e49-e49.	7.7	18

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91	Predictive Efficacy of Low Burden EGFR Mutation Detected by Next-Generation Sequencing on Response to EGFR Tyrosine Kinase Inhibitors in Non-Small-Cell Lung Carcinoma. PLoS ONE, 2013, 8, e81975.	2.5	18
92	Exomic Sequencing of Immune-Related Genes Reveals Novel Candidate Variants Associated with Alopecia Universalis. PLoS ONE, 2013, 8, e53613.	2.5	18
93	Subchronic exposure of hsp70.1-deficient mice to radiofrequency radiation. International Journal of Radiation Biology, 2005, 81, 781-792.	1.8	17
94	Coordinated change of a ratio of methylated H3-lysine 4 or acetylated H3 to acetylated H4 and DNA methylation is associated with tissue-specific gene expression in cloned pig. Experimental and Molecular Medicine, 2007, 39, 84-96.	7.7	17
95	Novel Oxidative Stress-responsive Gene ERS25 Functions as a Regulator of the Heat-shock and Cell Death Response. Journal of Biological Chemistry, 2008, 283, 13063-13069.	3.4	17
96	Constitutive expression of 4-1BB on T cells enhances CD4+ T cell responses. Experimental and Molecular Medicine, 2003, 35, 509-517.	7.7	16
97	Targeted gene disruption of the heat shock protein 72 gene (hsp70.1) in the donor tissue is associated with a prolonged rejection-free survival in the murine skin allograft model. Transplant Immunology, 2004, 13, 273-281.	1.2	16
98	Identification of African-Specific Admixture between Modern and Archaic Humans. American Journal of Human Genetics, 2019, 105, 1254-1261.	6.2	16
99	Local exposure of 849 MHz and 1763 MHz radiofrequency radiation to mouse heads does not induce cell death or cell proliferation in brain. Experimental and Molecular Medicine, 2008, 40, 294.	7.7	15
100	Gene Flow between the Korean Peninsula and Its Neighboring Countries. PLoS ONE, 2010, 5, e11855.	2.5	15
101	Prevalence and oncologic outcomes of BRCA 1/2 mutations in unselected triple-negative breast cancer patients in Korea. Breast Cancer Research and Treatment, 2019, 173, 385-395.	2.5	15
102	Effect of radiofrequency radiation exposure on mouse skin tumorigenesis initiated by 7,12-dimethylbenz[<i>l</i>]anthracene. International Journal of Radiation Biology, 2005, 81, 861-867.	1.8	14
103	Caveolin-1 inhibits neurite growth by blocking Rac1/Cdc42 and p21-activated kinase 1 interactions. NeuroReport, 2006, 17, 823-827.	1.2	14
104	Identification of origin of unknown derivative chromosomes by array-based comparative genomic hybridization using pre- and postnatal clinical samples. Journal of Human Genetics, 2007, 52, 934-942.	2.3	14
105	Alterations of transcriptome signatures in head trauma-related neurodegenerative disorders. Scientific Reports, 2020, 10, 8811.	3.3	14
106	Inhibitory effect of Hsp70 on angiotensin II-induced vascular smooth muscle cell hypertrophy. Experimental and Molecular Medicine, 2006, 38, 509-518.	7.7	13
107	Molecular diagnosis of congenital muscular dystrophies with defective glycosylation of alpha-dystroglycan using next-generation sequencing technology. Neuromuscular Disorders, 2013, 23, 337-344.	0.6	13
108	A family-based association study after genome-wide linkage analysis identified two genetic loci for renal function in a Mongolian population. Kidney International, 2013, 83, 285-292.	5.2	13

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109	Family-Based Association Study of Pulmonary Function in a Population in Northeast Asia. PLoS ONE, 2015, 10, e0139716.	2.5	13
110	Hoyeraalá€Hreidarsson syndrome with a DKC1 mutation identified by whole-exome sequencing. Gene, 2014, 546, 425-429.	2.2	12
111	Thymic epithelial tumour progression in an SV40T transgenic mouse model. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 1998, 432, 33-42.	2.8	11
112	Integrative Genomic and Transcriptomic Analyses of Tumor Suppressor Genes and Their Role on Tumor Microenvironment and Immunity in Lung Squamous Cell Carcinoma. Frontiers in Immunology, 2021, 12, 598671.	4.8	11
113	Protein kinase CÎµ plays an essential role in hypertonicity-induced heat shock protein 70 expression. Experimental and Molecular Medicine, 2008, 40, 596.	7.7	10
114	Analysis of genetic and non-genetic factors that affect the QTc interval in a Mongolian population: the GENDISCAN study. Experimental and Molecular Medicine, 2009, 41, 841.	7.7	10
115	Copy Number Variation of Age-Related Macular Degeneration Relevant Genes in the Korean Population. PLoS ONE, 2012, 7, e31243.	2.5	10
116	Classification of High-Grade Serous Ovarian Carcinoma by Epithelial-to-Mesenchymal Transition Signature and Homologous Recombination Repair Genes. Genes, 2021, 12, 1103.	2.4	10
117	Comparison of effects of As2O3 and As4O6 on cell growth inhibition and gene expression profiles by cDNA microarray analysis in SiHa cells. Oncology Reports, 2004, 12, 573-80.	2.6	10
118	The signature from messenger RNA expression profiling can predict lymph node metastasis with high accuracy for non-small cell lung cancer. Journal of Thoracic Oncology, 2006, 1, 622-8.	1.1	10
119	Identification of novel mutations in FFPE lung adenocarcinomas using DEPArray sorting technology and next-generation sequencing. Journal of Applied Genetics, 2018, 59, 269-277.	1.9	9
120	Development of spontaneous hyperplastic skin lesions and chemically induced skin papillomas in transgenic mice expressing human papillomavirus type 16 E6/E7 genes. Cancer Letters, 2000, 160, 177-183.	7.2	8
121	Gene mapping study for constitutive skin color in an isolated Mongolian population. Experimental and Molecular Medicine, 2012, 44, 241.	7.7	8
122	LYL1 gene amplification predicts poor survival of patients with uterine corpus endometrial carcinoma: analysis of the Cancer genome atlas data. BMC Cancer, 2018, 18, 494.	2.6	8
123	Direct conversion of adult human fibroblasts into functional endothelial cells using defined factors. Biomaterials, 2021, 272, 120781.	11.4	8
124	Linkage and association scan for tanning ability in an isolated Mongolian population. BMB Reports, 2011, 44, 741-746.	2.4	8
125	Genome-wide combination profiling of copy number and methylation offers an approach for deciphering misregulation and development in cancer cells. Gene, 2008, 407, 139-147.	2.2	7
126	Heritability and linkage study on heart rates in a Mongolian population. Experimental and Molecular Medicine, 2008, 40, 558.	7.7	7

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127	Effect of the Absence of Heat Shock Protein 70.1 (hsp70.1) on Retinal Photic Injury. Korean Journal of Ophthalmology: KJO, 2003, 17, 7.	1.1	7
128	Intestinal protozoan infections and echinococcosis in the inhabitants of Dornod and Selenge, Mongolia (2003). Korean Journal of Parasitology, 2006, 44, 171.	1.3	7
129	Investigation of Genetic Evidence for Sasang Constitution Types in South Korea. Genomics and Informatics, 2009, 7, 107-110.	0.8	7
130	Lack of association of cathepsin D genetic polymorphism with Alzheimer's disease in Koreans. Archives of Gerontology and Geriatrics, 2005, 41, 121-127.	3.0	6
131	Effect of the absence of heat shock protein 70.1 (hsp70.1) on retinal photoreceptors in normal and rd mice. Korean Journal of Ophthalmology: KJO, 2001, 15, 67.	1.1	6
132	Heat shock protein 70 alters the endosome-lysosomal localization of huntingtin. Experimental and Molecular Medicine, 2007, 39, 38-46.	7.7	5
133	Association of Matrix metalloproteinase-3 with cardiogenic activity during Noggin-induced differentiation of mouse embryonic stem cells. International Journal of Cardiology, 2010, 141, 49-60.	1.7	5
134	Stretch-Activated Atrial Natriuretic Peptide Secretion in Atria with Heat Shock Protein 70 Overexpression. Experimental Biology and Medicine, 2003, 228, 200-206.	2.4	4
135	Genetic variations associated with response to dutasteride in the treatment of male subjects with androgenetic alopecia. PLoS ONE, 2019, 14, e0222533.	2.5	4
136	Evaluation of low-pass genome sequencing in polygenic risk score calculation for Parkinson's disease. Human Genomics, 2021, 15, 58.	2.9	4
137	Genomic and transcriptomic analyses reveal a tandem amplification unit of 11 genes and mutations in mismatch repair genes in methotrexate-resistant HT-29 cells. Experimental and Molecular Medicine, 2021, 53, 1344-1355.	7.7	4
138	Lung adenoma development and NK activity in mice treated with multiple carcinogens. Journal of Korean Medical Science, 1992, 7, 1.	2.5	3
139	Alterations of the thymic selection process in transgenic mice expressing SV40 large T antigen. , 1996, 67, 399-404.		3
140	Parthenogenetic embryonic stem cells with H19 siRNA-mediated knockdown as a potential resource for cell therapy. International Journal of Molecular Medicine, 2012, 29, 257-62.	4.0	3
141	Development of a common platform for the noninvasive prenatal diagnosis of X-linked diseases. Prenatal Diagnosis, 2018, 38, 835-840.	2.3	3
142	Novel compound heterozygous mutations of PLA2G6 in a Korean pedigree of young-onset Parkinson's disease: A study of whole genome sequencing. Parkinsonism and Related Disorders, 2016, 22, e168-e169.	2.2	2
143	Detection of hydin Gene Duplication in Personal Genome Sequence Data. Genomics and Informatics, 2009, 7, 159-162.	0.8	2
144	Forkhead Factor, FOXO3a, Induces Apoptosis of Endothelial Cells Through Activation of Matrix Metalloproteinases. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 302-308.	2.4	2

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145	Genome-wide Linkage Study for Plasma HDL Cholesterol Level in an Isolated Population of Mongolia. <i>Genomics and Informatics</i> , 2008, 6, 8-13.	0.8	2
146	The First Kazakh Whole Genomes: The First Report of NGS Data. <i>Central Asian Journal of Global Health</i> , 2014, 3, 146.	0.6	1
147	Isolation and Characterization of Human scFv Molecules Specific for Recombinant Human Heat Shock Protein (HSP) 70.1. <i>Immune Network</i> , 2004, 4, 7.	3.6	1
148	Inbreeding Coefficients in Two Isolated Mongolian Populations - GENDISCAN Study. <i>Genomics and Informatics</i> , 2008, 6, 14-17.	0.8	1
149	Research Highlights: Interrogation of allele-specific gene expression by a digital RNA allelotyping method using padlock-captured SNPs from the transcriptome of human cell lines. <i>Personalized Medicine</i> , 2009, 6, 615-616.	1.5	0
150	Iron chelator desferrioxamine induces decrease of mitochondrial heat shock protein TNF receptor-associated protein 1 (TRAP1) in Chang cells. <i>FASEB Journal</i> , 2006, 20, A922.	0.5	0
151	A Virus Similar to Human Hepatitis B Virus in Manchurian Chipmunks. <i>Korean Journal of Internal Medicine</i> , 1988, 3, 102-110.	1.7	0