

# Jong-Il Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

187  
papers

9,398  
citations

66343

42  
h-index

46799

89  
g-index

195  
all docs

195  
docs citations

195  
times ranked

17865  
citing authors

#	ARTICLE	IF	CITATIONS
1	Digenome-seq: genome-wide profiling of CRISPR-Cas9 off-target effects in human cells. <i>Nature Methods</i> , 2015, 12, 237-243.	19.0	850
2	The transcriptional landscape and mutational profile of lung adenocarcinoma. <i>Genome Research</i> , 2012, 22, 2109-2119.	5.5	524
3	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
4	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
5	A Breakdown in Metabolic Reprogramming Causes Microglia Dysfunction in Alzheimer's Disease. <i>Cell Metabolism</i> , 2019, 30, 493-507.e6.	16.2	374
6	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
7	A highly annotated whole-genome sequence of a Korean individual. <i>Nature</i> , 2009, 460, 1011-1015.	27.8	295
8	Comprehensive Analysis of the Transcriptional and Mutational Landscape of Follicular and Papillary Thyroid Cancers. <i>PLoS Genetics</i> , 2016, 12, e1006239.	3.5	265
9	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
10	The opsonin MFG-E8 is a ligand for the $\alpha 5 \beta 1$ integrin and triggers DOCK180-dependent Rac1 activation for the phagocytosis of apoptotic cells. <i>Experimental Cell Research</i> , 2004, 292, 403-416.	2.6	193
11	p53-mediated induction of Cox-2 counteracts p53- or genotoxic stress-induced apoptosis. <i>EMBO Journal</i> , 2002, 21, 5635-5644.	7.8	192
12	Genome-wide characterization of the routes to pluripotency. <i>Nature</i> , 2014, 516, 198-206.	27.8	187
13	Viral Load Kinetics of MERS Coronavirus Infection. <i>New England Journal of Medicine</i> , 2016, 375, 1303-1305.	27.0	186
14	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
15	Integrative analysis of genomic and transcriptomic characteristics associated with progression of aggressive thyroid cancer. <i>Nature Communications</i> , 2019, 10, 2764.	12.8	166
16	Gene expression profiling by mRNA sequencing reveals increased expression of immune/inflammation-related genes in the hippocampus of individuals with schizophrenia. <i>Translational Psychiatry</i> , 2013, 3, e321-e321.	4.8	162
17	p53 induction and activation of DDR1 kinase counteract p53-mediated apoptosis and influence p53 regulation through a positive feedback loop. <i>EMBO Journal</i> , 2003, 22, 1289-1301.	7.8	156
18	Genetic alterations of JAK/STAT cascade and histone modification in extranodal NK/T-cell lymphoma nasal type. <i>Oncotarget</i> , 2015, 6, 17764-17776.	1.8	136

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19	Deregulation of Immune Response Genes in Patients With Epstein-Barr Virus-Associated Gastric Cancer and Outcomes. <i>Gastroenterology</i> , 2015, 148, 137-147.e9.	1.3	127
20	Tumor Suppressor miRNA-204-5p Regulates Growth, Metastasis, and Immune Microenvironment Remodeling in Breast Cancer. <i>Cancer Research</i> , 2019, 79, 1520-1534.	0.9	126
21	Transforming growth factor- $\beta$ 21 regulates macrophage migration via RhoA. <i>Blood</i> , 2006, 108, 1821-1829.	1.4	124
22	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
23	Conservation of copy number profiles during engraftment and passaging of patient-derived cancer xenografts. <i>Nature Genetics</i> , 2021, 53, 86-99.	21.4	118
24	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
25	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
26	Targeted disruption of hsp70.1 sensitizes to osmotic stress. <i>EMBO Reports</i> , 2002, 3, 857-861.	4.5	85
27	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
28	Novel fusion transcripts in human gastric cancer revealed by transcriptome analysis. <i>Oncogene</i> , 2014, 33, 5434-5441.	5.9	74
29	Targeted Sequencing of Cancer-Related Genes in Colorectal Cancer Using Next-Generation Sequencing. <i>PLoS ONE</i> , 2013, 8, e64271.	2.5	71
30	Cyclooxygenase-2 promotes cell proliferation, migration and invasion in U2OS human osteosarcoma cells. <i>Experimental and Molecular Medicine</i> , 2007, 39, 469-476.	7.7	66
31	FX: an RNA-Seq analysis tool on the cloud. <i>Bioinformatics</i> , 2012, 28, 721-723.	4.1	66
32	MicroRNA Expression Profiles in Gastric Carcinogenesis. <i>Scientific Reports</i> , 2018, 8, 14393.	3.3	65
33	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
34	Deep resequencing of 131 Crohn's disease associated genes in pooled DNA confirmed three reported variants and identified eight novel variants. <i>Gut</i> , 2016, 65, 788-796.	12.1	62
35	NTRK and RET fusion-directed therapy in pediatric thyroid cancer yields a tumor response and radioiodine uptake. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	62
36	Engineered prime editors with PAM flexibility. <i>Molecular Therapy</i> , 2021, 29, 2001-2007.	8.2	56

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37	SIRT1 regulates tyrosine hydroxylase expression and differentiation of neuroblastoma cells via FOXO3a. <i>FEBS Letters</i> , 2009, 583, 1183-1188.	2.8	55
38	Epigenome signatures landscaped by histone H3K9me3 are associated with the synaptic dysfunction in Alzheimer's disease. <i>Aging Cell</i> , 2020, 19, e13153.	6.7	53
39	COX-2 regulates p53 activity and inhibits DNA damage-induced apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2005, 328, 1107-1112.	2.1	51
40	Phosphorylation of c-Crk II on the Negative Regulatory Tyr222 Mediates Nerve Growth Factor-induced Cell Spreading and Morphogenesis. <i>Journal of Biological Chemistry</i> , 2000, 275, 24787-24797.	3.4	49
41	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
42	Epigenetic regulation of cholinergic receptor M1 (CHRM1) by histone H3K9me3 impairs Ca <sup>2+</sup> signaling in Huntington's disease. <i>Acta Neuropathologica</i> , 2013, 125, 727-739.	7.7	48
43	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
44	Genomic alterations in <i>BCL2L1</i> and <i>DLC1</i> contribute to drug sensitivity in gastric cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12492-12497.	7.1	46
45	Association between salivary amylase ( <i>AMY1</i> ) gene copy numbers and insulin resistance in asymptomatic Korean men. <i>Diabetic Medicine</i> , 2015, 32, 1588-1595.	2.3	44
46	Dysregulated Wnt signalling and recurrent mutations of the tumour suppressor <i>RNF43</i> in early gastric carcinogenesis. <i>Journal of Pathology</i> , 2016, 240, 304-314.	4.5	44
47	RNA-Seq Analysis of Frontal Cortex and Cerebellum from 5XFAD Mice at Early Stage of Disease Pathology. <i>Journal of Alzheimer's Disease</i> , 2012, 29, 793-808.	2.6	43
48	Whole-exome and transcriptome sequencing of refractory diffuse large B-cell lymphoma. <i>Oncotarget</i> , 2016, 7, 86433-86445.	1.8	43
49	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
50	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
51	Recurrent fusion transcripts detected by whole-transcriptome sequencing of 120 primary breast cancer samples. <i>Genes Chromosomes and Cancer</i> , 2015, 54, 681-691.	2.8	38
52	Epidemiologic Characteristics of Intraocular Pressure in the Korean and Mongolian Populations: The Healthy Twin and the GENDISCAN Study. <i>Ophthalmology</i> , 2012, 119, 450-457.	5.2	37
53	High prevalence of TP53 mutations is associated with poor survival and an EMT signature in gliosarcoma patients. <i>Experimental and Molecular Medicine</i> , 2017, 49, e317-e317.	7.7	37
54	Nonsynonymous Variants in <i>PAX4</i> and <i>GLP1R</i> Are Associated With Type 2 Diabetes in an East Asian Population. <i>Diabetes</i> , 2018, 67, 1892-1902.	0.6	36

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55	Rho Is Involved in Superoxide Formation during Phagocytosis of Opsonized Zymosans. <i>Journal of Biological Chemistry</i> , 2004, 279, 21589-21597.	3.4	35
56	A multifunctional protein EWS regulates the expression of Drosha and microRNAs. <i>Cell Death and Differentiation</i> , 2014, 21, 136-145.	11.2	34
57	Findings of a 1303 Korean whole-exome sequencing study. <i>Experimental and Molecular Medicine</i> , 2017, 49, e356-e356.	7.7	34
58	Neuronal loss in primary long-term cortical culture involves neurodegeneration-like cell death via calpain and p35 processing, but not developmental apoptosis or aging. <i>Experimental and Molecular Medicine</i> , 2007, 39, 14-26.	7.7	33
59	Higher mitochondrial DNA copy number is associated with lower prevalence of microalbuminuria. <i>Experimental and Molecular Medicine</i> , 2009, 41, 253.	7.7	33
60	Downstream components of RhoA required for signal pathway of superoxide formation during phagocytosis of serum opsonized zymosans in macrophages. <i>Experimental and Molecular Medicine</i> , 2005, 37, 575-587.	7.7	32
61	HSP90 protects apoptotic cleavage of vimentin in geldanamycin-induced apoptosis. <i>Molecular and Cellular Biochemistry</i> , 2006, 281, 111-121.	3.1	31
62	Clinical whole exome sequencing in early onset diabetes patients. <i>Diabetes Research and Clinical Practice</i> , 2016, 122, 71-77.	2.8	31
63	Clinical application of genomic profiling to find druggable targets for adolescent and young adult (AYA) cancer patients with metastasis. <i>BMC Cancer</i> , 2016, 16, 170.	2.6	30
64	Comprehensive Molecular Characterization of Adenocarcinoma of the Gastroesophageal Junction Between Esophageal and Gastric Adenocarcinomas. <i>Annals of Surgery</i> , 2022, 275, 706-717.	4.2	30
65	Upregulation of neuronal nitric oxide synthase in the periphery promotes pain hypersensitivity after peripheral nerve injury. <i>Neuroscience</i> , 2011, 190, 367-378.	2.3	29
66	A role of placental growth factor in hair growth. <i>Journal of Dermatological Science</i> , 2014, 74, 125-134.	1.9	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	Predominant <i>DICER1</i> Pathogenic Variants in Pediatric Follicular Thyroid Carcinomas. <i>Thyroid</i> , 2020, 30, 1120-1131.	4.5	29
69	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
70	COX-2 inhibits anoikis by activation of the PI-3K/Akt pathway in human bladder cancer cells. <i>Experimental and Molecular Medicine</i> , 2005, 37, 199-203.	7.7	27
71	I148M variant in <i>PNPLA3</i> reduces central adiposity and metabolic disease risks while increasing nonalcoholic fatty liver disease. <i>Liver International</i> , 2015, 35, 2537-2546.	3.9	27
72	Identifying Pathogenic Variants of Monogenic Diabetes Using Targeted Panel Sequencing in an East Asian Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 4188-4198.	3.6	27

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73	Whole genome sequencing of Nontuberculous Mycobacterium (NTM) isolates from sputum specimens of co-habiting patients with NTM pulmonary disease and NTM isolates from their environment. <i>BMC Genomics</i> , 2020, 21, 322.	2.8	27
74	Predictive biomarkers for 5-fluorouracil and oxaliplatin-based chemotherapy in gastric cancers via profiling of patient-derived xenografts. <i>Nature Communications</i> , 2021, 12, 4840.	12.8	27
75	Diagnostic Yield of Epilepsy Panel Testing in Patients With Seizure Onset Within the First Year of Life. <i>Frontiers in Neurology</i> , 2019, 10, 988.	2.4	26
76	Phagocytosis of serum-and IgG-opsonized zymosan particles induces apoptosis through superoxide but not nitric oxide in macrophage J774A.1. <i>Experimental and Molecular Medicine</i> , 2003, 35, 211-221.	7.7	25
77	A genome-wide Asian genetic map and ethnic comparison: The GENDISCAN study. <i>BMC Genomics</i> , 2008, 9, 554.	2.8	25
78	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
79	Genetic association of APOA5 and APOE with metabolic syndrome and their interaction with health-related behavior in Korean men. <i>Lipids in Health and Disease</i> , 2015, 14, 105.	3.0	25
80	Priming mobilization of hair follicle stem cells triggers permanent loss of regeneration after alkylating chemotherapy. <i>Nature Communications</i> , 2019, 10, 3694.	12.8	25
81	Altered nucleocytoplasmic proteome and transcriptome distributions in an in vitro model of amyotrophic lateral sclerosis. <i>PLoS ONE</i> , 2017, 12, e0176462.	2.5	24
82	<i>NTRK1</i> fusions for the therapeutic intervention of Korean patients with colon cancer. <i>Oncotarget</i> , 2016, 7, 8399-8412.	1.8	24
83	Heritabilities of Facial Measurements and Their Latent Factors in Korean Families. <i>Genomics and Informatics</i> , 2013, 11, 83.	0.8	24
84	Transcriptional regulation of <i>Zic3</i> by heterodimeric AP-1(c-Jun/c-Fos) during <i>Xenopus</i> development. <i>Experimental and Molecular Medicine</i> , 2004, 36, 468-475.	7.7	23
85	Glutaminase 2 expression is associated with regional heterogeneity of 5-aminolevulinic acid fluorescence in glioblastoma. <i>Scientific Reports</i> , 2017, 7, 12221.	3.3	23
86	Exoenzyme Tat-C3 inhibits association of zymosan particles, phagocytosis, adhesion, and complement binding in macrophage cells. <i>Molecules and Cells</i> , 2003, 16, 216-23.	2.6	23
87	Reference-unbiased copy number variant analysis using CGH microarrays. <i>Nucleic Acids Research</i> , 2010, 38, e190-e190.	14.5	22
88	Amplification of transglutaminase 2 enhances tumor-promoting inflammation in gastric cancers. <i>Experimental and Molecular Medicine</i> , 2020, 52, 854-864.	7.7	22
89	Ablation of STAT3 in Purkinje cells reorganizes cerebellar synaptic plasticity in long-term fear memory network. <i>ELife</i> , 2021, 10, .	6.0	22
90	Analysis of Gene Expression in Cyclooxygenase-2-Overexpressed Human Osteosarcoma Cell Lines. <i>Genomics and Informatics</i> , 2014, 12, 247.	0.8	22

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91	Combined linkage and association analyses identify a novel locus for obesity near <i>PROX1</i> in Asians. <i>Obesity</i> , 2013, 21, 2405-2412.	3.0	21
92	RANBP2-ALK fusion combined with monosomy 7 in acute myelomonocytic leukemia. <i>Cancer Genetics</i> , 2014, 207, 40-45.	0.4	21
93	FARS2 mutation and epilepsy: Possible link with early-onset epileptic encephalopathy. <i>Epilepsy Research</i> , 2017, 129, 118-124.	1.6	21
94	Replication of a Glaucoma Candidate Gene on 5q22.1 for Intraocular Pressure in Mongolian Populations: The GENDISCAN Project. , 2010, 51, 1335.		20
95	Markers of disease and steroid responsiveness in paediatric idiopathic nephrotic syndrome: Whole-transcriptome sequencing of peripheral blood mononuclear cells. <i>Journal of International Medical Research</i> , 2017, 45, 948-963.	1.0	20
96	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
97	Isolation of Middle East Respiratory Syndrome Coronavirus from a Patient of the 2015 Korean Outbreak. <i>Journal of Korean Medical Science</i> , 2016, 31, 315.	2.5	18
98	Collagen VI-related myopathy: Expanding the clinical and genetic spectrum. <i>Muscle and Nerve</i> , 2018, 58, 381-388.	2.2	18
99	Exomic Sequencing of Immune-Related Genes Reveals Novel Candidate Variants Associated with Alopecia Universalis. <i>PLoS ONE</i> , 2013, 8, e53613.	2.5	18
100	A Novel Combination Treatment Targeting BCL-XL and MCL1 for <i>KRAS/BRAF</i> -mutated and <i>BCL2L1</i> -amplified Colorectal Cancers. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 2178-2190.	4.1	17
101	Interactions of CDH13 gene polymorphisms and ambient PM10 air pollution exposure with blood pressure and hypertension in Korean men. <i>Chemosphere</i> , 2019, 218, 292-298.	8.2	17
102	JAK2 regulates paclitaxel resistance in triple negative breast cancers. <i>Journal of Molecular Medicine</i> , 2021, 99, 1783-1795.	3.9	17
103	p21 <sup>WAF/CIP1</sup> /SDI1 is upregulated due to increased mRNA stability during hydroxyurea-induced senescence of human fibroblasts. <i>Mechanisms of Ageing and Development</i> , 2005, 126, 1255-1261.	4.6	16
104	Abdominal adiposity intensifies the negative effects of ambient air pollution on lung function in Korean men. <i>International Journal of Obesity</i> , 2017, 41, 1218-1223.	3.4	16
105	Identification of African-Specific Admixture between Modern and Archaic Humans. <i>American Journal of Human Genetics</i> , 2019, 105, 1254-1261.	6.2	16
106	Phase II study of durvalumab and tremelimumab in pulmonary sarcomatoid carcinoma: <i>KCSG LU16-07</i> . <i>Thoracic Cancer</i> , 2020, 11, 3482-3489.	1.9	16
107	TIARA: a database for accurate analysis of multiple personal genomes based on cross-technology. <i>Nucleic Acids Research</i> , 2011, 39, D883-D888.	14.5	15
108	S100A8/A9 mediate the reprogramming of normal mammary epithelial cells induced by dynamic cell-cell interactions with adjacent breast cancer cells. <i>Scientific Reports</i> , 2021, 11, 1337.	3.3	15

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109	Genomic Copy Number Variations Characterize the Prognosis of Both P16-Positive and P16-Negative Oropharyngeal Squamous Cell Carcinoma After Curative Resection. <i>Medicine (United States)</i> , 2015, 94, e2187.	1.0	14
110	Clinical Application of Next-Generation Sequencing-Based Panel to <i>BRAF</i> Wild-Type Advanced Melanoma Identifies Key Oncogenic Alterations and Therapeutic Strategies. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 937-944.	4.1	14
111	Downregulated miR-18b-5p triggers apoptosis by inhibition of calcium signaling and neuronal cell differentiation in transgenic SOD1 (G93A) mice and SOD1 (G17S and G86S) ALS patients. <i>Translational Neurodegeneration</i> , 2020, 9, 23.	8.0	14
112	Association of HLA Genotype and Fulminant Type 1 Diabetes in Koreans. <i>Genomics and Informatics</i> , 2015, 13, 126.	0.8	14
113	Transcriptional regulation of <i>Xbr-1a/Xvent-2</i> homeobox gene: analysis of its promoter region. <i>Biochemical and Biophysical Research Communications</i> , 2002, 298, 815-823.	2.1	13
114	Molecular diagnosis of congenital muscular dystrophies with defective glycosylation of alpha-dystroglycan using next-generation sequencing technology. <i>Neuromuscular Disorders</i> , 2013, 23, 337-344.	0.6	13
115	A family-based association study after genome-wide linkage analysis identified two genetic loci for renal function in a Mongolian population. <i>Kidney International</i> , 2013, 83, 285-292.	5.2	13
116	Colorectal cancer susceptibility single nucleotide polymorphisms in Korean population. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2015, 30, 849-857.	2.8	13
117	High prevalence of TP53 loss and whole-genome doubling in early-onset colorectal cancer. <i>Experimental and Molecular Medicine</i> , 2021, 53, 446-456.	7.7	13
118	Family-Based Association Study of Pulmonary Function in a Population in Northeast Asia. <i>PLoS ONE</i> , 2015, 10, e0139716.	2.5	13
119	Hypoxia-induced cell death of HepG2 cells involves a necrotic cell death mediated by calpain. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 707-718.	4.9	12
120	Hoyeraal-Hreidarsson syndrome with a <i>DKC1</i> mutation identified by whole-exome sequencing. <i>Gene</i> , 2014, 546, 425-429.	2.2	12
121	A Common Variant of <i>NGEF</i> Is Associated with Abdominal Visceral Fat in Korean Men. <i>PLoS ONE</i> , 2015, 10, e0137564.	2.5	12
122	<i>Oxoacid CoA transferase 1</i> as a therapeutic target gene for cisplatin-resistant ovarian cancer. <i>Oncology Letters</i> , 2018, 15, 2611-2618.	1.8	12
123	Unstable Genome and Transcriptome Dynamics during Tumor Metastasis Contribute to Therapeutic Heterogeneity in Colorectal Cancers. <i>Clinical Cancer Research</i> , 2019, 25, 2821-2834.	7.0	12
124	A copy number variation in <i>PKD1L2</i> is associated with colorectal cancer predisposition in Korean population. <i>International Journal of Cancer</i> , 2017, 140, 86-94.	5.1	11
125	<i>STAT3</i> is a key molecule in the oncogenic behavior of diffuse intrinsic pontine glioma. <i>Oncology Letters</i> , 2020, 20, 1989-1998.	1.8	11
126	Cross-Talk between Wnt Signaling and Src Tyrosine Kinase. <i>Biomedicines</i> , 2022, 10, 1112.	3.2	11



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127	Analysis of genetic and non-genetic factors that affect the QTc interval in a Mongolian population: the GENDISCAN study. <i>Experimental and Molecular Medicine</i> , 2009, 41, 841.	7.7	10
128	Copy Number Variation of Age-Related Macular Degeneration Relevant Genes in the Korean Population. <i>PLoS ONE</i> , 2012, 7, e31243.	2.5	10
129	The full-length DNA sequence of Epstein Barr virus from a human gastric carcinoma cell line, SNU-719. <i>Virus Genes</i> , 2015, 51, 329-337.	1.6	10
130	CDH13 gene-by-PM10 interaction effect on lung function decline in Korean men. <i>Chemosphere</i> , 2017, 168, 583-589.	8.2	10
131	Genomic characterization of clonal evolution during oropharyngeal carcinogenesis driven by human papillomavirus 16. <i>BMB Reports</i> , 2018, 51, 584-589.	2.4	10
132	Calsequestrin 2 overexpression in breast cancer increases tumorigenesis and metastasis by modulating the tumor microenvironment. <i>Molecular Oncology</i> , 2022, 16, 466-484.	4.6	10
133	CYP1A1 gene polymorphisms modify the association between PM10 exposure and lung function. <i>Chemosphere</i> , 2018, 203, 353-359.	8.2	9
134	Genome-Wide Association Study Reveals Distinct Genetic Susceptibility of Thyroid Nodules From Thyroid Cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 4384-4394.	3.6	9
135	Outbreak investigation of <i>Serratia marcescens</i> neurosurgical site infections associated with a contaminated shaving razors. <i>Antimicrobial Resistance and Infection Control</i> , 2020, 9, 64.	4.1	9
136	The Function of Heterodimeric AP-1 Comprised of c-Jun and c-Fos in Activin Mediated Spemann Organizer Gene Expression. <i>PLoS ONE</i> , 2011, 6, e21796.	2.5	8
137	Gene mapping study for constitutive skin color in an isolated Mongolian population. <i>Experimental and Molecular Medicine</i> , 2012, 44, 241.	7.7	8
138	Vertical sleeve gastrectomy induces distinctive transcriptomic responses in liver, fat and muscle. <i>Scientific Reports</i> , 2021, 11, 2310.	3.3	8
139	Linkage and association scan for tanning ability in an isolated Mongolian population. <i>BMB Reports</i> , 2011, 44, 741-746.	2.4	8
140	Genome-wide combination profiling of copy number and methylation offers an approach for deciphering misregulation and development in cancer cells. <i>Gene</i> , 2008, 407, 139-147.	2.2	7
141	Heritability and linkage study on heart rates in a Mongolian population. <i>Experimental and Molecular Medicine</i> , 2008, 40, 558.	7.7	7
142	Alterations in the Rho pathway contribute to Epstein-Barr virus-induced lymphomagenesis in immunosuppressed environments. <i>Blood</i> , 2018, 131, 1931-1941.	1.4	7
143	Comparative genomics of <i>Mycoplasma pneumoniae</i> isolated from children with pneumonia: South Korea, 2010-2016. <i>BMC Genomics</i> , 2019, 20, 910.	2.8	7
144	xCyp26cInduced by Inhibition of BMP Signaling Is Involved in Anterior-Posterior Neural Patterning of <i>Xenopus laevis</i> . <i>Molecules and Cells</i> , 2016, 39, 352-357.	2.6	7

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145	Early onset female pattern hair loss: A case-control study for analyzing clinical features and genetic variants. <i>Journal of Dermatological Science</i> , 2022, 106, 21-28.	1.9	7
146	Phosphorylation of 46-kDa protein of synaptic vesicle membranes is stimulated by GTP and Ca <sup>2+</sup> /calmodulin. <i>Experimental and Molecular Medicine</i> , 2002, 34, 434-443.	7.7	6
147	Genome-wide linkage analysis for ocular and nasal anthropometric traits in a Mongolian population. <i>Experimental and Molecular Medicine</i> , 2010, 42, 799.	7.7	6
148	TIARA genome database: update 2013. Database: the <i>Journal of Biological Databases and Curation</i> , 2013, bat003-bat003.	3.0	6
149	Sequencing Cell-free Fetal DNA in Pregnant Women With <i>GCK</i> -MODY. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 2678-2689.	3.6	6
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