

Jeong-Sun Seo

List of Publications by Year in descending order

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151
papers

10,476
citations

50276

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docs citations

155
times ranked

18771
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Integrative Genomic and Transcriptomic Analyses of Tumor Suppressor Genes and Their Role on Tumor Microenvironment and Immunity in Lung Squamous Cell Carcinoma. <i>Frontiers in Immunology</i> , 2021, 12, 598671. | 4.8 | 11 |
| 2 | Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , 2021, 590, 290-299. | 27.8 | 1,069 |
| 3 | Direct conversion of adult human fibroblasts into functional endothelial cells using defined factors. <i>Biomaterials</i> , 2021, 272, 120781. | 11.4 | 8 |
| 4 | Classification of High-Grade Serous Ovarian Carcinoma by Epithelial-to-Mesenchymal Transition Signature and Homologous Recombination Repair Genes. <i>Genes</i> , 2021, 12, 1103. | 2.4 | 10 |
| 5 | Evaluation of low-pass genome sequencing in polygenic risk score calculation for Parkinson's disease. <i>Human Genomics</i> , 2021, 15, 58. | 2.9 | 4 |
| 6 | Genomic and transcriptomic analyses reveal a tandem amplification unit of 11 genes and mutations in mismatch repair genes in methotrexate-resistant HT-29 cells. <i>Experimental and Molecular Medicine</i> , 2021, 53, 1344-1355. | 7.7 | 4 |
| 7 | Legacy Data Confound Genomics Studies. <i>Molecular Biology and Evolution</i> , 2020, 37, 2-10. | 8.9 | 23 |
| 8 | 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 |
| 9 | Severe reactive astrocytes precipitate pathological hallmarks of Alzheimer's disease via H2O2 production. <i>Nature Neuroscience</i> , 2020, 23, 1555-1566. | 14.8 | 154 |
| 10 | Alterations of transcriptome signatures in head trauma-related neurodegenerative disorders. <i>Scientific Reports</i> , 2020, 10, 8811. | 3.3 | 14 |
| 11 | The tumor immune microenvironmental analysis of 2,033 transcriptomes across 7 cancer types. <i>Scientific Reports</i> , 2020, 10, 9536. | 3.3 | 20 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | Genetic variations associated with response to dutasteride in the treatment of male subjects with androgenetic alopecia. <i>PLoS ONE</i> , 2019, 14, e0222533. | 2.5 | 4 |
| 17 | Integrative analysis of genomic and transcriptomic characteristics associated with progression of aggressive thyroid cancer. <i>Nature Communications</i> , 2019, 10, 2764. | 12.8 | 166 |
| 18 | Identification of African-Specific Admixture between Modern and Archaic Humans. <i>American Journal of Human Genetics</i> , 2019, 105, 1254-1261. | 6.2 | 16 |

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|----|--|------|-----------|
| 19 | Prevalence and oncologic outcomes of BRCA 1/2 mutations in unselected triple-negative breast cancer patients in Korea. <i>Breast Cancer Research and Treatment</i> , 2019, 173, 385-395. | 2.5 | 15 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | Identification of novel mutations in FFPE lung adenocarcinomas using DEPAArray sorting technology and next-generation sequencing. <i>Journal of Applied Genetics</i> , 2018, 59, 269-277. | 1.9 | 9 |
| 24 | Genomic landscape of ovarian clear cell carcinoma via whole exome sequencing. <i>Gynecologic Oncology</i> , 2018, 148, 375-382. | 1.4 | 75 |
| 25 | 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 |
| 26 | 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 |
| 27 | Comprehensive Transcriptomic and Genomic Profiling of Subtypes of Follicular Variant of Papillary Thyroid Carcinoma. <i>Thyroid</i> , 2018, 28, 1468-1478. | 4.5 | 21 |
| 28 | Development of a common platform for the noninvasive prenatal diagnosis of X-linked diseases. <i>Prenatal Diagnosis</i> , 2018, 38, 835-840. | 2.3 | 3 |
| 29 | LYL1 gene amplification predicts poor survival of patients with uterine corpus endometrial carcinoma: analysis of the Cancer genome atlas data. <i>BMC Cancer</i> , 2018, 18, 494. | 2.6 | 8 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | Novel compound heterozygous mutations of PLA2G6 in a Korean pedigree of young-onset Parkinson's disease: A study of whole genome sequencing. <i>Parkinsonism and Related Disorders</i> , 2016, 22, e168-e169. | 2.2 | 2 |
| 35 | De novo assembly and phasing of a Korean human genome. <i>Nature</i> , 2016, 538, 243-247. | 27.8 | 310 |
| 36 | Comprehensive Analysis of the Transcriptional and Mutational Landscape of Follicular and Papillary Thyroid Cancers. <i>PLoS Genetics</i> , 2016, 12, e1006239. | 3.5 | 265 |

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|----|--|------|-----------|
| 37 | <i>NTRK1</i> fusions for the therapeutic intervention of Korean patients with colon cancer. <i>Oncotarget</i> , 2016, 7, 8399-8412. | 1.8 | 24 |
| 38 | 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 |
| 39 | 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 |
| 40 | Family-Based Association Study of Pulmonary Function in a Population in Northeast Asia. <i>PLoS ONE</i> , 2015, 10, e0139716. | 2.5 | 13 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | 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 |
| 45 | Small RNA changes en route to distinct cellular states of induced pluripotency. <i>Nature Communications</i> , 2014, 5, 5522. | 12.8 | 54 |
| 46 | Divergent reprogramming routes lead to alternative stem-cell states. <i>Nature</i> , 2014, 516, 192-197. | 27.8 | 123 |
| 47 | Genome-wide characterization of the routes to pluripotency. <i>Nature</i> , 2014, 516, 198-206. | 27.8 | 187 |
| 48 | An epigenomic roadmap to induced pluripotency reveals DNA methylation as a reprogramming modulator. <i>Nature Communications</i> , 2014, 5, 5619. | 12.8 | 108 |
| 49 | Hoyeraal's Hreidarsson syndrome with a <i>DKC1</i> mutation identified by whole-exome sequencing. <i>Gene</i> , 2014, 546, 425-429. | 2.2 | 12 |
| 50 | 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 |
| 51 | 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 |
| 52 | 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 |
| 53 | Targeted Sequencing of Cancer-Related Genes in Colorectal Cancer Using Next-Generation Sequencing. <i>PLoS ONE</i> , 2013, 8, e64271. | 2.5 | 71 |
| 54 | 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. <i>PLoS ONE</i> , 2013, 8, e81975. | 2.5 | 18 |

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|----|--|------|-----------|
| 55 | Exomic Sequencing of Immune-Related Genes Reveals Novel Candidate Variants Associated with Alopecia Universalis. PLoS ONE, 2013, 8, e53613. | 2.5 | 18 |
| 56 | Heritabilities of Facial Measurements and Their Latent Factors in Korean Families. Genomics and Informatics, 2013, 11, 83. | 0.8 | 24 |
| 57 | 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 |
| 58 | A public resource facilitating clinical use of genomes. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11920-11927. | 7.1 | 194 |
| 59 | Gene mapping study for constitutive skin color in an isolated Mongolian population. Experimental and Molecular Medicine, 2012, 44, 241. | 7.7 | 8 |
| 60 | Comprehensive genomic analyses associate <i>UGT8</i> variants with musical ability in a Mongolian population. Journal of Medical Genetics, 2012, 49, 747-752. | 3.2 | 48 |
| 61 | The transcriptional landscape and mutational profile of lung adenocarcinoma. Genome Research, 2012, 22, 2109-2119. | 5.5 | 524 |
| 62 | A transforming <i>KIF5B</i> and <i>RET</i> gene fusion in lung adenocarcinoma revealed from whole-genome and transcriptome sequencing. Genome Research, 2012, 22, 436-445. | 5.5 | 433 |
| 63 | Copy Number Variation of Age-Related Macular Degeneration Relevant Genes in the Korean Population. PLoS ONE, 2012, 7, e31243. | 2.5 | 10 |
| 64 | Genetic diagnosis of Duchenne and Becker muscular dystrophy using next-generation sequencing technology: comprehensive mutational search in a single platform. Journal of Medical Genetics, 2011, 48, 731-736. | 3.2 | 80 |
| 65 | Extensive genomic and transcriptional diversity identified through massively parallel DNA and RNA sequencing of eighteen Korean individuals. Nature Genetics, 2011, 43, 745-752. | 21.4 | 121 |
| 66 | Whole-Exome Sequencing Identifies Mutations of <i>KIF22</i> in Spondyloepimetaphyseal Dysplasia with Joint Laxity, Leptodactylic Type. American Journal of Human Genetics, 2011, 89, 760-766. | 6.2 | 46 |
| 67 | Genome-scale modeling and in silico analysis of ethanologenic bacteria <i>Zymomonas mobilis</i> . Biotechnology and Bioengineering, 2011, 108, 655-665. | 3.3 | 86 |
| 68 | Tissue response to poly(l-lactic acid)-based blend with phospholipid polymer for biodegradable cardiovascular stents. Biomaterials, 2011, 32, 2241-2247. | 11.4 | 41 |
| 69 | Linkage and association scan for tanning ability in an isolated Mongolian population. BMB Reports, 2011, 44, 741-746. | 2.4 | 8 |
| 70 | Discovery of common Asian copy number variants using integrated high-resolution array CGH and massively parallel DNA sequencing. Nature Genetics, 2010, 42, 400-405. | 21.4 | 179 |
| 71 | Gene Flow between the Korean Peninsula and Its Neighboring Countries. PLoS ONE, 2010, 5, e11855. | 2.5 | 15 |
| 72 | Reference-unbiased copy number variant analysis using CGH microarrays. Nucleic Acids Research, 2010, 38, e190-e190. | 14.5 | 22 |

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|----|---|------|-----------|
| 73 | 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 |
| 74 | Association of Matrix metalloproteinase-3 with cardiogenic activity during Noggin-induced differentiation of mouse embryonic stem cells. <i>International Journal of Cardiology</i> , 2010, 141, 49-60. | 1.7 | 5 |
| 75 | 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 |
| 76 | Higher mitochondrial DNA copy number is associated with lower prevalence of microalbuminuria. <i>Experimental and Molecular Medicine</i> , 2009, 41, 253. | 7.7 | 33 |
| 77 | A highly annotated whole-genome sequence of a Korean individual. <i>Nature</i> , 2009, 460, 1011-1015. | 27.8 | 295 |
| 78 | 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 |
| 79 | Investigation of Genetic Evidence for Sasang Constitution Types in South Korea. <i>Genomics and Informatics</i> , 2009, 7, 107-110. | 0.8 | 7 |
| 80 | Detection of hydin Gene Duplication in Personal Genome Sequence Data. <i>Genomics and Informatics</i> , 2009, 7, 159-162. | 0.8 | 2 |
| 81 | 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 |
| 82 | 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 |
| 83 | 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 |
| 84 | 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 |
| 85 | 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 |
| 86 | Local exposure of 849 MHz and 1763 MHz radiofrequency radiation to mouse heads does not induce cell death or cell proliferation in brain. <i>Experimental and Molecular Medicine</i> , 2008, 40, 294. | 7.7 | 15 |
| 87 | 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 |
| 88 | Heritability and linkage study on heart rates in a Mongolian population. <i>Experimental and Molecular Medicine</i> , 2008, 40, 558. | 7.7 | 7 |
| 89 | Protein kinase C μ plays an essential role in hypertonicity-induced heat shock protein 70 expression. <i>Experimental and Molecular Medicine</i> , 2008, 40, 596. | 7.7 | 10 |
| 90 | 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 |

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|-----|--|------|-----------|
| 91 | Novel Oxidative Stress-responsive Gene ERS25 Functions as a Regulator of the Heat-shock and Cell Death Response. <i>Journal of Biological Chemistry</i> , 2008, 283, 13063-13069. | 3.4 | 17 |
| 92 | Forkhead Factor, FOXO3a, Induces Apoptosis of Endothelial Cells Through Activation of Matrix Metalloproteinases. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 302-308. | 2.4 | 2 |
| 93 | Inbreeding Coefficients in Two Isolated Mongolian Populations - GENDISCAN Study. <i>Genomics and Informatics</i> , 2008, 6, 14-17. | 0.8 | 1 |
| 94 | 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 |
| 95 | 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. <i>Experimental and Molecular Medicine</i> , 2007, 39, 84-96. | 7.7 | 17 |
| 96 | Heat shock protein 70 alters the endosome-lysosomal localization of huntingtin. <i>Experimental and Molecular Medicine</i> , 2007, 39, 38-46. | 7.7 | 5 |
| 97 | 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 |
| 98 | Identification of origin of unknown derivative chromosomes by array-based comparative genomic hybridization using pre- and postnatal clinical samples. <i>Journal of Human Genetics</i> , 2007, 52, 934-942. | 2.3 | 14 |
| 99 | Caveolin-1 inhibits neurite growth by blocking Rac1/Cdc42 and p21-activated kinase 1 interactions. <i>NeuroReport</i> , 2006, 17, 823-827. | 1.2 | 14 |
| 100 | Selection of Neural Differentiation-Specific Genes by Comparing Profiles of Random Differentiation. <i>Stem Cells</i> , 2006, 24, 1946-1955. | 3.2 | 29 |
| 101 | HSP90 protects apoptotic cleavage of vimentin in geldanamycin-induced apoptosis. <i>Molecular and Cellular Biochemistry</i> , 2006, 281, 111-121. | 3.1 | 31 |
| 102 | Inhibitory effect of Hsp70 on angiotensin II-induced vascular smooth muscle cell hypertrophy. <i>Experimental and Molecular Medicine</i> , 2006, 38, 509-518. | 7.7 | 13 |
| 103 | Intestinal protozoan infections and echinococcosis in the inhabitants of Dornod and Selenge, Mongolia (2003). <i>Korean Journal of Parasitology</i> , 2006, 44, 171. | 1.3 | 7 |
| 104 | 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 |
| 105 | The signature from messenger RNA expression profiling can predict lymph node metastasis with high accuracy for non-small cell lung cancer. <i>Journal of Thoracic Oncology</i> , 2006, 1, 622-8. | 1.1 | 10 |
| 106 | Spontaneous Activation of Pancreas Trypsinogen in Heat Shock Protein 70.1 Knock-out Mice. <i>Pancreas</i> , 2005, 31, 332-336. | 1.1 | 31 |
| 107 | Lack of association of cathepsin D genetic polymorphism with Alzheimer's disease in Koreans. <i>Archives of Gerontology and Geriatrics</i> , 2005, 41, 121-127. | 3.0 | 6 |
| 108 | The genome sequence of the ethanologenic bacterium <i>Zymomonas mobilis</i> ZM4. <i>Nature Biotechnology</i> , 2005, 23, 63-68. | 17.5 | 260 |

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|-----|---|------|-----------|
| 109 | 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 |
| 110 | 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 |
| 111 | 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 |
| 112 | Effect of radiofrequency radiation exposure on mouse skin tumorigenesis initiated by 7,12-dimethylbenz[<i>a</i>]anthracene. <i>International Journal of Radiation Biology</i> , 2005, 81, 861-867. | 1.8 | 14 |
| 113 | Subchronic exposure of hsp70.1-deficient mice to radiofrequency radiation. <i>International Journal of Radiation Biology</i> , 2005, 81, 781-792. | 1.8 | 17 |
| 114 | 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 |
| 115 | Effect of Thermal Preconditioning Before Excimer Laser Photoablation. <i>Journal of Korean Medical Science</i> , 2004, 19, 437. | 2.5 | 28 |
| 116 | Birth of parthenogenetic mice that can develop to adulthood. <i>Nature</i> , 2004, 428, 860-864. | 27.8 | 477 |
| 117 | Searching for pathogenic gene functions to cervical cancer. <i>Gynecologic Oncology</i> , 2004, 93, 41-48. | 1.4 | 43 |
| 118 | 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 |
| 119 | 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. <i>Transplant Immunology</i> , 2004, 13, 273-281. | 1.2 | 16 |
| 120 | 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 |
| 121 | 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 |
| 122 | Comparison of effects of As2O3 and As4O6 on cell growth inhibition and gene expression profiles by cDNA microarray analysis in SiHa cells. <i>Oncology Reports</i> , 2004, 12, 573-80. | 2.6 | 10 |
| 123 | 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 |
| 124 | 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 |
| 125 | Constitutive expression of 4-1BB on T cells enhances CD4+ T cell responses. <i>Experimental and Molecular Medicine</i> , 2003, 35, 509-517. | 7.7 | 16 |
| 126 | Stretch-Activated Atrial Natriuretic Peptide Secretion in Atria with Heat Shock Protein 70 Overexpression. <i>Experimental Biology and Medicine</i> , 2003, 228, 200-206. | 2.4 | 4 |

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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 | cDNA Microarray Analysis of Gene Expression Profiles Associated with Cervical Cancer. Cancer Research and Treatment, 2003, 35, 451-459. | 3.0 | 19 |
| 129 | Heat Shock Protein Hsp72 Is a Negative Regulator of Apoptosis Signal-Regulating Kinase 1. Molecular and Cellular Biology, 2002, 22, 7721-7730. | 2.3 | 154 |
| 130 | Differential expression of two stress-inducible hsp70 genes by various stressors. Experimental and Molecular Medicine, 2002, 34, 131-136. | 7.7 | 30 |
| 131 | Impaired repair ability of hsp70.1 KO mouse after UVB irradiation. Journal of Dermatological Science, 2002, 28, 144-151. | 1.9 | 37 |
| 132 | Identification of radiation-specific responses from gene expression profile. Oncogene, 2002, 21, 8521-8528. | 5.9 | 107 |
| 133 | Gene Expression Profile of Megakaryocytes from Human Cord Blood CD34+ Cells Ex Vivo Expanded by Thrombopoietin. Stem Cells, 2002, 20, 402-416. | 3.2 | 40 |
| 134 | Targeted disruption of hsp70.1 sensitizes to osmotic stress. EMBO Reports, 2002, 3, 857-861. | 4.5 | 85 |
| 135 | Gene Profile of Replicative Senescence Is Different from Progeria or Elderly Donor. Biochemical and Biophysical Research Communications, 2001, 282, 934-939. | 2.1 | 53 |
| 136 | Targeted <i>hsp70.1</i> Disruption Increases Infarction Volume After Focal Cerebral Ischemia in Mice. Stroke, 2001, 32, 2905-2912. | 2.0 | 110 |
| 137 | Effect of the absence of heat shock protein 70.1 (<i>hsp70.1</i>) on retinal photoreceptors in normal and <i>hsp70.1</i> mice. Korean Journal of Ophthalmology: KJO, 2001, 15, 67. | 1.1 | 6 |
| 138 | Heat Shock Protein 70 Inhibits Apoptosis Downstream of Cytochrome c Release and Upstream of Caspase-3 Activation. Journal of Biological Chemistry, 2000, 275, 25665-25671. | 3.4 | 410 |
| 139 | Up-regulation of Caveolin Attenuates Epidermal Growth Factor Signaling in Senescent Cells. Journal of Biological Chemistry, 2000, 275, 20847-20852. | 3.4 | 201 |
| 140 | Caveolin Internalization by Heat Shock or Hyperosmotic Shock. Experimental Cell Research, 2000, 255, 221-228. | 2.6 | 47 |
| 141 | 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 |
| 142 | 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. Cellular Immunology, 1998, 187, 1-12. | 3.0 | 50 |
| 143 | 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 |
| 144 | c-Fes tyrosine kinase binds to and activates STAT3 after granulocyte macrophage colony-stimulating factor stimulation. Cancer Letters, 1998, 129, 29-37. | 7.2 | 24 |

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|-----|---|-----|-----------|
| 145 | T Cell Lymphoma in Transgenic Mice Expressing the HumanHsp70Gene. Biochemical and Biophysical Research Communications, 1996, 218, 582-587. | 2.1 | 103 |
| 146 | Alterations of the thymic selection process in transgenic mice expressing SV40 large T antigen. , 1996, 67, 399-404. | | 3 |
| 147 | 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. Journal of Cancer Research and Clinical Oncology, 1995, 121, 279-284. | 2.5 | 37 |
| 148 | Lung adenoma development and NK activity in mice treated with multiple carcinogens. Journal of Korean Medical Science, 1992, 7, 1. | 2.5 | 3 |
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