

Young-Joon Kim

List of Publications by Year in descending order

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52
papers

3,067
citations

236925

25
h-index

189892

50
g-index

53
all docs

53
docs citations

53
times ranked

5719
citing authors

#	ARTICLE	IF	CITATIONS
1	Signaling Pathways Downstream of Pattern-Recognition Receptors and Their Cross Talk. Annual Review of Biochemistry, 2007, 76, 447-480.	11.1	653
2	Lineage-dependent gene expression programs influence the immune landscape of colorectal cancer. Nature Genetics, 2020, 52, 594-603.	21.4	380
3	Oligoadenylate synthase-like (OASL) proteins: dual functions and associations with diseases. Experimental and Molecular Medicine, 2015, 47, e144-e144.	7.7	178
4	Microfluidic device with brain extracellular matrix promotes structural and functional maturation of human brain organoids. Nature Communications, 2021, 12, 4730.	12.8	164
5	Intrinsic variability of gene expression encoded in nucleosome positioning sequences. Nature Genetics, 2009, 41, 498-503.	21.4	136
6	Neutrophils Promote Mycobacterial Trehalose Dimycolate-Induced Lung Inflammation via the Mincle Pathway. PLoS Pathogens, 2012, 8, e1002614.	4.7	133
7	OASL1 inhibits translation of the type I interferon- α regulating transcription factor IRF7. Nature Immunology, 2013, 14, 346-355.	14.5	120
8	Genome-wide identification of differentially methylated promoters and enhancers associated with response to anti-PD-1 therapy in non-small cell lung cancer. Experimental and Molecular Medicine, 2020, 52, 1550-1563.	7.7	99
9	Epigenetic regulation and the variability of gene expression. Nature Genetics, 2008, 40, 141-147.	21.4	95
10	Genome-Wide Analysis of DNA Methylation and the Gene Expression Change in Lung Cancer. Journal of Thoracic Oncology, 2012, 7, 20-33.	1.1	90
11	Down-Regulation of NF- κ B Target Genes by the AP-1 and STAT Complex during the Innate Immune Response in Drosophila. PLoS Biology, 2007, 5, e238.	5.6	90
12	Pattern-recognition receptor signaling initiated from extracellular, membrane, and cytoplasmic space. Molecules and Cells, 2007, 23, 1-10.	2.6	79
13	Nucleosome deposition and DNA methylation at coding region boundaries. Genome Biology, 2009, 10, R89.	9.6	76
14	HBx induces hypomethylation of distal intragenic CpG islands required for active expression of developmental regulators. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9555-9560.	7.1	55
15	Identification of DNA methylation changes associated with human gastric cancer. BMC Medical Genomics, 2011, 4, 82.	1.5	54
16	Age-dependent changes of gene expression in the Drosophila head. Neurobiology of Aging, 2005, 26, 1083-1091.	3.1	52
17	Genome-wide methylation profiling of ADPKD identified epigenetically regulated genes associated with renal cyst development. Human Genetics, 2014, 133, 281-297.	3.8	52
18	Mincle-mediated translational regulation is required for strong nitric oxide production and inflammation resolution. Nature Communications, 2016, 7, 11322.	12.8	50

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19	Interactions between subunits of Drosophila Mediator and activator proteins. Trends in Biochemical Sciences, 2005, 30, 245-249.	7.5	46
20	Identification and Functional Analysis of Antifungal Immune Response Genes in Drosophila. PLoS Pathogens, 2008, 4, e1000168.	4.7	45
21	Interplay of genetic and epigenetic alterations in hepatocellular carcinoma. Epigenomics, 2016, 8, 993-1005.	2.1	43
22	TET repression and increased DNMT activity synergistically induce aberrant DNA methylation. Journal of Clinical Investigation, 2020, 130, 5370-5379.	8.2	43
23	Negative Regulation of Type I IFN Expression by OASL1 Permits Chronic Viral Infection and CD8+ T-Cell Exhaustion. PLoS Pathogens, 2013, 9, e1003478.	4.7	41
24	OAS1 and OAS3 negatively regulate the expression of chemokines and interferon-responsive genes in human macrophages. BMB Reports, 2019, 52, 133-138.	2.4	33
25	Intragenic CpG islands play important roles in bivalent chromatin assembly of developmental genes. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1885-E1894.	7.1	27
26	The regulatory mechanisms of intragenic DNA methylation. Epigenomics, 2015, 7, 527-531.	2.1	26
27	OASL1 deficiency promotes antiviral protection against genital herpes simplex virus type 2 infection by enhancing type I interferon production. Scientific Reports, 2016, 6, 19089.	3.3	20
28	Blood-Brain Barrier Defects Associated with Rbp9 Mutation. Molecules and Cells, 2010, 29, 93-98.	2.6	19
29	Stochastic and Regulatory Role of Chromatin Silencing in Genomic Response to Environmental Changes. PLoS ONE, 2008, 3, e3002.	2.5	18
30	Tripartite Motif-Containing Protein 30 Modulates TCR-Activated Proliferation and Effector Functions in CD4+ T Cells. PLoS ONE, 2014, 9, e95805.	2.5	17
31	Age-related epigenetic regulation in the brain and its role in neuronal diseases. BMB Reports, 2016, 49, 671-680.	2.4	14
32	Stabilization of RNT-1 Protein, Runt-related Transcription Factor (RUNX) Protein Homolog of Caenorhabditis elegans, by Oxidative Stress through Mitogen-activated Protein Kinase Pathway*. Journal of Biological Chemistry, 2012, 287, 10444-10452.	3.4	13
33	OASL1 deficiency in mice promotes an effective anti-tumor immune response by enhancing the production of type I interferons. Cancer Immunology, Immunotherapy, 2016, 65, 663-675.	4.2	12
34	Mincle activation enhances neutrophil migration and resistance to polymicrobial septic peritonitis. Scientific Reports, 2017, 7, 41106.	3.3	11
35	OASL1 Traps Viral RNAs in Stress Granules to Promote Antiviral Responses. Molecules and Cells, 2018, 41, 214-223.	2.6	10
36	NEUROD1 Intrinsically Initiates Differentiation of Induced Pluripotent Stem Cells into Neural Progenitor Cells. Molecules and Cells, 2020, 43, 1011-1022.	2.6	9

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37	Macrophage C-type lectin is essential for phagosome maturation and acidification during Escherichia coli -induced peritonitis. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 1491-1497.	2.1	7
38	Insertion variants missing in the human reference genome are widespread among human populations. <i>BMC Biology</i> , 2020, 18, 167.	3.8	7
39	2â€²-5â€² oligoadenylate synthetase-like 1 (OASL1) deficiency suppresses central nervous system damage in a murine MOG-induced multiple sclerosis model. <i>Neuroscience Letters</i> , 2016, 628, 78-84.	2.1	6
40	DNA Methylation of Intragenic CpG Islands are Required for Differentiation from iPSC to NPC. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 1316-1327.	3.8	6
41	Genome-Wide Profiling of In Vivo LPS-Responsive Genes in Splenic Myeloid Cells. <i>Molecules and Cells</i> , 2013, 35, 498-513.	2.6	5
42	Classification of Colon Cancer Patients Based on the Methylation Patterns of Promoters. <i>Genomics and Informatics</i> , 2016, 14, 46.	0.8	5
43	A Universal Analysis Pipeline for Hybrid Capture-Based Targeted Sequencing Data with Unique Molecular Indexes. <i>Genomics and Informatics</i> , 2018, 16, e29.	0.8	4
44	Polyubiquitin chain-dependent protein degradation in TRIM30 cytoplasmic bodies. <i>Experimental and Molecular Medicine</i> , 2015, 47, e159-e159.	7.7	3
45	OASL1-Mediated Inhibition of Type I IFN Reduces Influenza A Infection-Induced Airway Inflammation by Regulating ILC2s. <i>Allergy, Asthma and Immunology Research</i> , 2022, 14, 99.	2.9	3
46	ZNF204P is a stemness-associated oncogenic long non-coding RNA in hepatocellular carcinoma. <i>BMB Reports</i> , 2022, 55, 281-286.	2.4	3
47	ChARM: Discovery of combinatorial chromatin modification patterns in hepatitis B virus X-transformed mouse liver cancer using association rule mining. <i>BMC Bioinformatics</i> , 2016, 17, 452.	2.6	2
48	Chromatin Interaction Changes during the iPSC-NPC Model to Facilitate the Study of Biologically Significant Genes Involved in Differentiation. <i>Genes</i> , 2020, 11, 1176.	2.4	2
49	Isolating bronchial epithelial cell preparations from gross lung specimens. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2009, 45, 496-499.	1.5	1
50	Stochastic and regulatory role of chromatin silencing in genomic response to environmental changes. <i>Nature Precedings</i> , 2008, , .	0.1	0
51	Isolating bronchial epithelial cell preparations from gross lung specimens. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 0, , 1.	1.5	0
52	ZNF204P is a stemness-associated oncogenic long non-coding RNA in hepatocellular carcinoma.. <i>BMB Reports</i> , 2022, , .	2.4	0