

Tae-Young Roh

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

17,088
citations

126708

33
h-index

66788

78
g-index

86
all docs

86
docs citations

86
times ranked

23772
citing authors

#	ARTICLE	IF	CITATIONS
1	A unique population of neutrophils generated by air pollutant-induced lung damage exacerbates airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 1253-1269.e8.	1.5	13
2	Postnatal regulation of B-1a cell development and survival by the CIC-PER2-BHLHE41 axis. <i>Cell Reports</i> , 2022, 38, 110386.	2.9	7
3	The Chromatin Accessibility Landscape of Nonalcoholic Fatty Liver Disease Progression. <i>Molecules and Cells</i> , 2022, 45, 343-352.	1.0	5
4	Dietary antigens suppress the proliferation of type 2 innate lymphoid cells by restraining homeostatic IL-25 production. <i>Scientific Reports</i> , 2022, 12, 7443.	1.6	2
5	hnRNP K supports the maintenance of <i>RORβ</i> circadian rhythm through ERK signaling. <i>FASEB Journal</i> , 2021, 35, e21507.	0.2	3
6	Naa12 compensates for Naa10 in mice in the amino-terminal acetylation pathway. <i>ELife</i> , 2021, 10, .	2.8	6
7	hnRNP K Supports High-Amplitude D Site-Binding Protein mRNA (<i>Dbp</i> mRNA) Oscillation To Sustain Circadian Rhythms. <i>Molecular and Cellular Biology</i> , 2020, 40, .	1.1	7
8	Opportunistic detection of <i>Fusobacterium nucleatum</i> as a marker for the early gut microbial dysbiosis. <i>BMC Microbiology</i> , 2020, 20, 208.	1.3	35
9	Anti-Inflammatory Actions of Soluble Ninjurin-1 Ameliorate Atherosclerosis. <i>Circulation</i> , 2020, 142, 1736-1751.	1.6	34
10	Creation of bladder assembloids mimicking tissue regeneration and cancer. <i>Nature</i> , 2020, 588, 664-669.	13.7	133
11	Indoor dust extracellular vesicles promote cancer lung metastasis by inducing tumour necrosis factor- α . <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1766821.	5.5	9
12	Inhibition of the oligosaccharyl transferase in <i>Caenorhabditis elegans</i> that compromises ER proteostasis suppresses p38-dependent protection against pathogenic bacteria. <i>PLoS Genetics</i> , 2020, 16, e1008617.	1.5	9
13	Comparative analysis of commonly used peak calling programs for ChIP-Seq analysis. <i>Genomics and Informatics</i> , 2020, 18, e42.	0.4	15
14	Bioinformatics services for analyzing massive genomic datasets. <i>Genomics and Informatics</i> , 2020, 18, e8.	0.4	6
15	Title is missing!. , 2020, 16, e1008617.		0
16	Title is missing!. , 2020, 16, e1008617.		0
17	Title is missing!. , 2020, 16, e1008617.		0
18	Title is missing!. , 2020, 16, e1008617.		0

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2020, 16, e1008617.		0
20	Title is missing!. , 2020, 16, e1008617.		0
21	Transcription-dependent targeting of Hda1C to hyperactive genes mediates H4-specific deacetylation in yeast. <i>Nature Communications</i> , 2019, 10, 4270.	5.8	14
22	The Poly(C) Motif in the Proximal Promoter Region of the D Site-Binding Protein Gene (<i>Dbp</i>) Drives Its High-Amplitude Oscillation. <i>Molecular and Cellular Biology</i> , 2019, 39, .	1.1	6
23	Epigenetic analysis in rheumatoid arthritis synoviocytes. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-13.	3.2	27
24	Tumor-Associated Macrophages Enhance Tumor Hypoxia and Aerobic Glycolysis. <i>Cancer Research</i> , 2019, 79, 795-806.	0.4	188
25	Evaluation and Interpretation of Transcriptome Data Underlying Heterogeneous Chronic Obstructive Pulmonary Disease. <i>Genomics and Informatics</i> , 2019, 17, e2.	0.4	6
26	Prefoldin 6 mediates longevity response from heat shock factor 1 to FOXO in <i>C. elegans</i> . <i>Genes and Development</i> , 2018, 32, 1562-1575.	2.7	26
27	Outer Membrane Vesicles Derived From <i>Escherichia coli</i> Regulate Neutrophil Migration by Induction of Endothelial IL-8. <i>Frontiers in Microbiology</i> , 2018, 9, 2268.	1.5	48
28	A novel role of metal response element binding transcription factor 2 at the Hox gene cluster in the regulation of H3K27me3 by polycomb repressive complex 2. <i>Oncotarget</i> , 2018, 9, 26572-26585.	0.8	3
29	RNA surveillance via nonsense-mediated mRNA decay is crucial for longevity in <i>daf-2/insulin/IGF-1</i> mutant <i>C. elegans</i> . <i>Nature Communications</i> , 2017, 8, 14749.	5.8	59
30	Identification of the early and late responder genes during the generation of induced pluripotent stem cells from mouse fibroblasts. <i>PLoS ONE</i> , 2017, 12, e0171300.	1.1	6
31	CTCF-mediated Chromatin Loop for the Posterior Hoxc Gene Expression in MEF Cells. <i>IUBMB Life</i> , 2016, 68, 436-444.	1.5	3
32	Z-DNA-forming sites identified by ChIP-Seq are associated with actively transcribed regions in the human genome. <i>DNA Research</i> , 2016, 23, 477-486.	1.5	75
33	CD82/KAI1 Maintains the Dormancy of Long-Term Hematopoietic Stem Cells through Interaction with DARC-Expressing Macrophages. <i>Cell Stem Cell</i> , 2016, 18, 508-521.	5.2	130
34	ZNF224, Krüppel like zinc finger protein, induces cell growth and apoptosis-resistance by down-regulation of p21 and p53 via miR-663a. <i>Oncotarget</i> , 2016, 7, 31177-31190.	0.8	32
35	Role of Zscan4 in secondary murine iPSC derivation mediated by protein extracts of ESC or iPSC. <i>Biomaterials</i> , 2015, 59, 102-115.	5.7	6
36	SREBP and MDT-15 protect <i>C. elegans</i> from glucose-induced accelerated aging by preventing accumulation of saturated fat. <i>Genes and Development</i> , 2015, 29, 2490-2503.	2.7	101

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37	EVpedia: a community web portal for extracellular vesicles research. <i>Bioinformatics</i> , 2015, 31, 933-939.	1.8	317
38	Polycomb group protein-mediated histone modifications during cell differentiation. <i>Epigenomics</i> , 2015, 7, 75-84.	1.0	28
39	Impaired IL-2 expression in latent HIV-1 infection. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 1237-1242.	1.0	5
40	miR-93/miR-106b/miR-375-CIC-CRABP1: a novel regulatory axis in prostate cancer progression. <i>Oncotarget</i> , 2015, 6, 23533-23547.	0.8	83
41	NUCKS1, a novel Tat coactivator, plays a crucial role in HIV-1 replication by increasing Tat-mediated viral transcription on the HIV-1 LTR promoter. <i>Retrovirology</i> , 2014, 11, 67.	0.9	18
42	Genome-wide analysis of histone modifications in latently HIV-1 infected T cells. <i>Aids</i> , 2014, 28, 1719-1728.	1.0	27
43	Twist1 is essential in maintaining mesenchymal state and tumor-initiating properties in synovial sarcoma. <i>Cancer Letters</i> , 2014, 343, 62-73.	3.2	30
44	Transcription-related element gene expression pattern differs between microglia and macrophages during inflammation. <i>Inflammation Research</i> , 2014, 63, 389-397.	1.6	15
45	Comparative Study of Efficacy of Dopaminergic Neuron Differentiation between Embryonic Stem Cell and Protein-Based Induced Pluripotent Stem Cell. <i>PLoS ONE</i> , 2014, 9, e85736.	1.1	14
46	Egr-1 Activation by Cancer-Derived Extracellular Vesicles Promotes Endothelial Cell Migration via ERK1/2 and JNK Signaling Pathways. <i>PLoS ONE</i> , 2014, 9, e115170.	1.1	36
47	A Follow-up Association Study of Genetic Variants for Bone Mineral Density in a Korean Population. <i>Genomics and Informatics</i> , 2014, 12, 114.	0.4	3
48	Bioinspired Exosome-Mimetic Nanovesicles for Targeted Delivery of Chemotherapeutics to Malignant Tumors. <i>ACS Nano</i> , 2013, 7, 7698-7710.	7.3	768
49	Synthetic RNA devices to expedite the evolution of metabolite-producing microbes. <i>Nature Communications</i> , 2013, 4, 1413.	5.8	140
50	Immunization with <i>Escherichia coli</i> Outer Membrane Vesicles Protects Bacteria-Induced Lethality via Th1 and Th17 Cell Responses. <i>Journal of Immunology</i> , 2013, 190, 4092-4102.	0.4	134
51	<i>Staphylococcus aureus</i> Extracellular Vesicles Carry Biologically Active β -Lactamase. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2589-2595.	1.4	172
52	Extracellular vesicles, especially derived from Gram-negative bacteria, in indoor dust induce neutrophilic pulmonary inflammation associated with both Th1 and Th17 cell responses. <i>Clinical and Experimental Allergy</i> , 2013, 43, 443-454.	1.4	66
53	DNA-binding motif and target genes of the imprinted transcription factor PEG3. <i>Gene</i> , 2013, 512, 314-320.	1.0	57
54	Mechanisms of asthma and allergic disease – 1086. Bacteria-derived extracellular vesicles as an important causative agent for asthma and COPD. <i>World Allergy Organization Journal</i> , 2013, 6, P82.	1.6	2

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55	Extracellular Vesicles Derived from Gut Microbiota, Especially Akkermansia muciniphila, Protect the Progression of Dextran Sulfate Sodium-Induced Colitis. PLoS ONE, 2013, 8, e76520.	1.1	407
56	Airway Activation of Formyl Peptide Receptors Inhibits Th1 and Th17 Cell Responses via Inhibition of Mediator Release from Immune and Inflammatory Cells and Maturation of Dendritic Cells. Journal of Immunology, 2012, 188, 1799-1808.	0.4	22
57	Functional elements demarcated by histone modifications in breast cancer cells. Biochemical and Biophysical Research Communications, 2012, 418, 475-482.	1.0	28
58	A Novel Human Polycomb Binding Site Acts As a Functional Polycomb Response Element in Drosophila. PLoS ONE, 2012, 7, e36365.	1.1	24
59	<scp>TNF</scp> α is a key mediator in the development of <scp>T</scp>h2 cell response to inhaled allergens induced by a viral <scp>PAMP</scp> double-stranded <scp>RNA</scp>. Allergy: European Journal of Allergy and Clinical Immunology, 2012, 67, 1138-1148.	2.7	35
60	Characterization of Chromatin Structure-associated Histone Modifications in Breast Cancer Cells. Genomics and Informatics, 2012, 10, 145.	0.4	18
61	The effect of CD4 receptor downregulation and its downstream signaling molecules on HIV-1 latency. Biochemical and Biophysical Research Communications, 2011, 404, 646-651.	1.0	7
62	Epigenetic regulation in cell reprogramming revealed by genome-wide analysis. Epigenomics, 2011, 3, 73-81.	1.0	15
63	Gene silencing in HIV-1 latency by polycomb repressive group. Virology Journal, 2011, 8, 179.	1.4	22
64	Genomic Profiling of HMGN1 Reveals an Association with Chromatin at Regulatory Regions. Molecular and Cellular Biology, 2011, 31, 700-709.	1.1	44
65	Aebp2 as an Epigenetic Regulator for Neural Crest Cells. PLoS ONE, 2011, 6, e25174.	1.1	45
66	Induction of pluripotent stem cells from adult somatic cells by protein-based reprogramming without genetic manipulation. Blood, 2010, 116, 386-395.	0.6	217
67	Global analysis of the insulator binding protein CTCF in chromatin barrier regions reveals demarcation of active and repressive domains. Genome Research, 2009, 19, 24-32.	2.4	587
68	Chromatin poises miRNA- and protein-coding genes for expression. Genome Research, 2009, 19, 1742-1751.	2.4	135
69	Global Mapping of H3K4me3 and H3K27me3 Reveals Specificity and Plasticity in Lineage Fate Determination of Differentiating CD4+ T Cells. Immunity, 2009, 30, 155-167.	6.6	1,005
70	Genome-wide Analysis of Histone Methylation Reveals Chromatin State-Based Regulation of Gene Transcription and Function of Memory CD8+ T Cells. Immunity, 2009, 30, 912-925.	6.6	256
71	Chromatin Signatures in Multipotent Human Hematopoietic Stem Cells Indicate the Fate of Bivalent Genes during Differentiation. Cell Stem Cell, 2009, 4, 80-93.	5.2	548
72	Combinatorial patterns of histone acetylations and methylations in the human genome. Nature Genetics, 2008, 40, 897-903.	9.4	2,034

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73	Priming for T helper type 2 differentiation by interleukin 2-mediated induction of interleukin 4 receptor α -chain expression. <i>Nature Immunology</i> , 2008, 9, 1288-1296.	7.0	234
74	Dynamic Regulation of Nucleosome Positioning in the Human Genome. <i>Cell</i> , 2008, 132, 887-898.	13.5	1,211
75	High-Resolution, Genome-Wide Mapping of Chromatin Modifications by GMAT. <i>Methods in Molecular Biology</i> , 2008, 387, 95-108.	0.4	15
76	High-Resolution Profiling of Histone Methylations in the Human Genome. <i>Cell</i> , 2007, 129, 823-837.	13.5	6,036
77	Response: Mapping Nucleosome Positions Using ChIP-Seq Data. <i>Cell</i> , 2007, 131, 832-833.	13.5	32
78	Genome-wide prediction of conserved and nonconserved enhancers by histone acetylation patterns. <i>Genome Research</i> , 2006, 17, 74-81.	2.4	113
79	The genomic landscape of histone modifications in human T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15782-15787.	3.3	432
80	Active chromatin domains are defined by acetylation islands revealed by genome-wide mapping. <i>Genes and Development</i> , 2005, 19, 542-552.	2.7	398
81	High-resolution genome-wide mapping of histone modifications. <i>Nature Biotechnology</i> , 2004, 22, 1013-1016.	9.4	199
82	Investigation of sulfhydryl groups in cabbage phospholipase D by combination of derivatization methods and matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 110-115.	0.7	12
83	Molecular cloning and functional expression of a phospholipase D from cabbage (<i>Brassica oleracea</i>) Tj ETQq1 1 0.784314 rgrBT/Overload	1.2	18