

Jaerang Rho

List of Publications by Year in descending order

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56
papers

5,223
citations

201674

27
h-index

144013

57
g-index

59
all docs

59
docs citations

59
times ranked

6068
citing authors

#	ARTICLE	IF	CITATIONS
1	TRANCE Is a Novel Ligand of the Tumor Necrosis Factor Receptor Family That Activates c-Jun N-terminal Kinase in T Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 25190-25194.	3.4	943
2	OSTEOIMMUNOLOGY: Interplay Between the Immune System and Bone Metabolism. <i>Annual Review of Immunology</i> , 2006, 24, 33-63.	21.8	591
3	v-ATPase VO subunit d2â€œdeficient mice exhibit impaired osteoclast fusion and increased bone formation. <i>Nature Medicine</i> , 2006, 12, 1403-1409.	30.7	502
4	Regulation of Osteoclast Differentiation by Cytokine Networks. <i>Immune Network</i> , 2018, 18, e8.	3.6	322
5	A Novel Member of the Leukocyte Receptor Complex Regulates Osteoclast Differentiation. <i>Journal of Experimental Medicine</i> , 2002, 195, 201-209.	8.5	250
6	Regulation of Peripheral Lymph Node Genesis by the Tumor Necrosis Factor Family Member Trance. <i>Journal of Experimental Medicine</i> , 2000, 192, 1467-1478.	8.5	249
7	Stimulation by Toll-Like Receptors Inhibits Osteoclast Differentiation. <i>Journal of Immunology</i> , 2002, 169, 1516-1523.	0.8	216
8	OSCAR is a collagen receptor that costimulates osteoclastogenesis in DAP12-deficient humans and mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 3505-3516.	8.2	177
9	TNF-Related Activation-Induced Cytokine Enhances Leukocyte Adhesiveness: Induction of ICAM-1 and VCAM-1 via TNF Receptor-Associated Factor and Protein Kinase C-Dependent NF- κ B Activation in Endothelial Cells. <i>Journal of Immunology</i> , 2005, 175, 531-540.	0.8	169
10	Regulation of Osteoblast Differentiation by Cytokine Networks. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2851.	4.1	144
11	Selective Regulation of MAPK Signaling Mediates RANKL-dependent Osteoclast Differentiation. <i>International Journal of Biological Sciences</i> , 2016, 12, 235-245.	6.4	128
12	PRMT5, Which Forms Distinct Homo-oligomers, Is a Member of the Protein-arginine Methyltransferase Family. <i>Journal of Biological Chemistry</i> , 2001, 276, 11393-11401.	3.4	121
13	Bone Loss Triggered by the Cytokine Network in Inflammatory Autoimmune Diseases. <i>Journal of Immunology Research</i> , 2015, 2015, 1-12.	2.2	113
14	A novel HSF1-mediated death pathway that is suppressed by heat shock proteins. <i>EMBO Journal</i> , 2006, 25, 4773-4783.	7.8	108
15	Osteoimmunology: interactions of the immune and skeletal systems. <i>Molecules and Cells</i> , 2004, 17, 1-9.	2.6	108
16	Receptor activator of nuclear factor (NF) κ B ligand (RANKL) increases vascular permeability: impaired permeability and angiogenesis in eNOS-deficient mice. <i>Blood</i> , 2007, 109, 1495-1502.	1.4	100
17	NHE10, a novel osteoclast-specific member of the Na ⁺ /H ⁺ exchanger family, regulates osteoclast differentiation and survival. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 320-326.	2.1	88
18	Microphthalmia Transcription Factor and PU.1 Synergistically Induce the Leukocyte Receptor Osteoclast-associated Receptor Gene Expression. <i>Journal of Biological Chemistry</i> , 2003, 278, 24209-24216.	3.4	86

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19	Gene Expression Profiling of Osteoclast Differentiation by Combined Suppression Subtractive Hybridization (SSH) and cDNA Microarray Analysis. <i>DNA and Cell Biology</i> , 2002, 21, 541-549.	1.9	63
20	The Arginine-1493 Residue in QRRGRTGR1493G Motif IV of the Hepatitis C Virus NS3 Helicase Domain Is Essential for NS3 Protein Methylation by the Protein Arginine Methyltransferase 1. <i>Journal of Virology</i> , 2001, 75, 8031-8044.	3.4	54
21	Tumor Necrosis Factor (TNF) Receptor-associated Factor (TRAF)-interacting Protein (TRIP) Negatively Regulates the TRAF2 Ubiquitin-dependent Pathway by Suppressing the TRAF2-Sphingosine 1-Phosphate (S1P) Interaction. <i>Journal of Biological Chemistry</i> , 2015, 290, 9660-9673.	3.4	49
22	Receptor activator of nuclear factor- κ B ligand is a novel inducer of myocardial inflammation. <i>Cardiovascular Research</i> , 2012, 94, 105-114.	3.8	48
23	TDAG51 Is Not Essential for Fas/CD95 Regulation and Apoptosis In Vivo. <i>Molecular and Cellular Biology</i> , 2001, 21, 8365-8370.	2.3	42
24	Early embryonic lethality caused by targeted disruption of the TRAF-interacting protein (TRIP) gene. <i>Biochemical and Biophysical Research Communications</i> , 2007, 363, 971-977.	2.1	42
25	Arginine methylation of Sam68 and SLM proteins negatively regulates their poly(U) RNA binding activity. <i>Archives of Biochemistry and Biophysics</i> , 2007, 466, 49-57.	3.0	41
26	Role of apoptosis-regulating signal kinase 1 in innate immune responses by <i>Mycobacterium bovis</i> bacillus Calmette-Guérin. <i>Immunology and Cell Biology</i> , 2009, 87, 100-107.	2.3	31
27	TDAG51 deficiency promotes oxidative stress-induced apoptosis through the generation of reactive oxygen species in mouse embryonic fibroblasts. <i>Experimental and Molecular Medicine</i> , 2013, 45, e35-e35.	7.7	30
28	Nucleotide Sequence and Phylogenetic Classification of Human Papillomavirus Type 59. <i>Virology</i> , 1994, 203, 158-161.	2.4	28
29	Selenoprotein W ensures physiological bone remodeling by preventing hyperactivity of osteoclasts. <i>Nature Communications</i> , 2021, 12, 2258.	12.8	28
30	Deficiency of TDAG51 Protects Against Atherosclerosis by Modulating Apoptosis, Cholesterol Efflux, and Peroxiredoxin-1 Expression. <i>Journal of the American Heart Association</i> , 2013, 2, e000134.	3.7	27
31	ATP6v0d2 deficiency increases bone mass, but does not influence ovariectomy-induced bone loss. <i>Biochemical and Biophysical Research Communications</i> , 2010, 403, 73-78.	2.1	24
32	Secretion of a Truncated Osteopetrosis-associated Transmembrane Protein 1 (OSTM1) Mutant Inhibits Osteoclastogenesis through Down-regulation of the B Lymphocyte-induced Maturation Protein 1 (BLIMP1)-Nuclear Factor of Activated T Cells c1 (NFATc1) Axis. <i>Journal of Biological Chemistry</i> , 2014, 289, 35868-35881.	3.4	24
33	Direct Monitoring of the Inhibition of Protein-Protein Interactions in Cells by Translocation of PKC ζ Fusion Proteins. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1314-1317.	13.8	22
34	Protein arginine methyltransferase 1 regulates herpes simplex virus replication through ICP27 RGG-box methylation. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 322-328.	2.1	21
35	Development of transgenic mouse model expressing porcine aminopeptidase N and its susceptibility to porcine epidemic diarrhea virus. <i>Virus Research</i> , 2015, 197, 108-115.	2.2	21
36	Receptor Activator of Nuclear Factor κ B Ligand Is a Novel Inducer of Tissue Factor in Macrophages. <i>Circulation Research</i> , 2010, 107, 871-876.	4.5	19

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37	Interaction of Tumor Necrosis Factor Receptor-associated Factor 6 (TRAF6) and Vav3 in the Receptor Activator of Nuclear Factor κ B (RANK) Signaling Complex Enhances Osteoclastogenesis. <i>Journal of Biological Chemistry</i> , 2016, 291, 20643-20660.	3.4	19
38	Agelastine D Suppresses RANKL-Induced Osteoclastogenesis via Down-Regulation of c-Fos, NFATc1 and NF- κ B. <i>Marine Drugs</i> , 2014, 12, 5643-5656.	4.6	17
39	D-chiro-inositol Negatively Regulates the Formation of Multinucleated Osteoclasts by Down-Regulating NFATc1. <i>Journal of Clinical Immunology</i> , 2012, 32, 1360-1371.	3.8	15
40	Antibiotic resistance profile of bacterial isolates from animal farming aquatic environments and meats in a peri-urban community in Daejeon, Korea. <i>Journal of Environmental Monitoring</i> , 2012, 14, 1616.	2.1	14
41	Magnetic resonance imaging of superparamagnetic iron oxide-labeled macrophage infiltrates in acute-phase renal ischemia-reperfusion mouse model. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 365-373.	3.3	14
42	Porcine amino peptidase N domain VII has critical role in binding and entry of porcine epidemic diarrhea virus. <i>Virus Research</i> , 2017, 227, 150-157.	2.2	13
43	An enzymatically fortified ginseng extract inhibits proliferation and induces apoptosis of KATO3 human gastric cancer cells via modulation of Bax, mTOR, PKB and $\text{I}\kappa\text{B}\alpha$. <i>Molecular Medicine Reports</i> , 2015, 11, 670-676.	2.4	12
44	TDAG51 is a crucial regulator of maternal care and depressive-like behavior after parturition. <i>PLoS Genetics</i> , 2019, 15, e1008214.	3.5	12
45	Maternal Bisphenol A (BPA) Exposure Alters Cerebral Cortical Morphogenesis and Synaptic Function in Mice. <i>Cerebral Cortex</i> , 2021, 31, 5598-5612.	2.9	11
46	T-Cell Death-Associated Gene 51 Is a Novel Negative Regulator of PPAR γ That Inhibits PPAR γ -RXR α Heterodimer Formation in Adipogenesis. <i>Molecules and Cells</i> , 2021, 44, 1-12.	2.6	11
47	Expression and purification of biologically active recombinant human paraoxonase 1 from a <i>Drosophila</i> S2 stable cell line. <i>Protein Expression and Purification</i> , 2017, 131, 34-41.	1.3	8
48	Transforming activities of human papillomavirus type 59 E5, E6 and E7 open reading frames in mouse C127 cells. <i>Virus Research</i> , 1996, 44, 57-65.	2.2	7
49	Pax5 Negatively Regulates Osteoclastogenesis through Downregulation of Blimp1. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2097.	4.1	7
50	Improved Hydrolysis of Organophosphorus Compounds by Engineered Human Prolidases. <i>Protein and Peptide Letters</i> , 2017, 24, 617-625.	0.9	7
51	Butylparaben Induces the Neuronal Death Through the ER Stress-Mediated Apoptosis of Primary Cortical Neurons. <i>Neurotoxicity Research</i> , 2022, 40, 36-43.	2.7	6
52	Bisphenol-A impairs synaptic formation and function by RGS4-mediated regulation of BDNF signaling in the cerebral cortex. <i>DMM Disease Models and Mechanisms</i> , 2022, 15, .	2.4	6
53	Generation of an osteoblast-based artificial niche that supports in vitro B lymphopoiesis. <i>Experimental and Molecular Medicine</i> , 2017, 49, e400-e400.	7.7	4
54	3,5-Di-C- β -D-glucopyranosyl phloracetophenone, a major component of <i>Melicope ptelefolia</i> , suppresses fibroblast activation and alleviates arthritis in a mouse model: Potential therapeutics for rheumatoid arthritis. <i>International Journal of Molecular Medicine</i> , 2018, 42, 2763-2775.	4.0	4

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55	Identification of cis-regulatory elements in the upstream regulatory region of human papillomavirus type 59. <i>Virus Research</i> , 1997, 47, 155-166.	2.2	3
56	Engineered Recombinant PON1-OPH Fusion Hybrids: Potentially Effective Catalytic Bioscavengers against Organophosphorus Nerve Agent Analogs. <i>Journal of Microbiology and Biotechnology</i> , 2021, 31, 144-153.	2.1	2