

Josef Martin Penninger

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6316759/publications.pdf>

Version: 2024-02-01

622
papers

118,524
citations

154

156
h-index

157

324
g-index

670
all docs

670
docs citations

670
times ranked

118620
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Proteome Signatures of Trace Samples by Multiplexed Data-Independent Acquisition. <i>Molecular and Cellular Proteomics</i> , 2022, 21, 100177.	3.8	20
2	Transcription factor mesenchyme homeobox protein 2 (MEOX2) modulates nociceptor function. <i>FEBS Journal</i> , 2022, 289, 3457-3476.	4.7	1
3	ACE2 is the critical in vivo receptor for SARS-CoV-2 in a novel COVID-19 mouse model with TNF- and IFN γ -driven immunopathology. <i>ELife</i> , 2022, 11, .	6.0	42
4	Adult T-cells impair neonatal cardiac regeneration. <i>European Heart Journal</i> , 2022, 43, 2698-2709.	2.2	19
5	TSPAN6 is a suppressor of Ras-driven cancer. <i>Oncogene</i> , 2022, 41, 2095-2105.	5.9	4
6	Recalibrating vascular malformations and mechanotransduction by pharmacological intervention. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	4
7	A diabetic milieu increases ACE2 expression and cellular susceptibility to SARS-CoV-2 infections in human kidney organoids and patient cells. <i>Cell Metabolism</i> , 2022, 34, 857-873.e9.	16.2	40
8	Redirecting Imipramine against Bluetongue Virus Infection: Insights from a Genome-wide Haploid Screening Study. <i>Pathogens</i> , 2022, 11, 602.	2.8	2
9	Evidence in favor of the essentiality of human cell membrane-bound ACE2 and against soluble ACE2 for SARS-CoV-2 infectivity. <i>Cell</i> , 2022, 185, 1837-1839.	28.9	17
10	Contact-dependent signaling triggers tumor-like proliferation of CCM3 knockout endothelial cells in co-culture with wild-type cells. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	5.4	3
11	Neuropeptide Neuromedin B does not alter body weight and glucose homeostasis nor does it act as an insulin-releasing peptide. <i>Scientific Reports</i> , 2022, 12, .	3.3	1
12	Clinical grade ACE2 as a universal agent to block SARS-CoV-2 variants. <i>EMBO Molecular Medicine</i> , 2022, 14, .	6.9	35
13	Development of an aerosol intervention for COVID-19 disease: Tolerability of soluble ACE2 (APN01) administered via nebulizer. <i>PLoS ONE</i> , 2022, 17, e0271066.	2.5	17
14	Severe Coronavirus Disease 2019 (COVID-19) is Associated With Elevated Serum Immunoglobulin (Ig) A and Antiphospholipid IgA Antibodies. <i>Clinical Infectious Diseases</i> , 2021, 73, e2869-e2874.	5.8	69
15	A crucial role for Jagunal homolog 1 in humoral immunity and antibody glycosylation in mice and humans. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	11
16	JAK inhibition reduces SARS-CoV-2 liver infectivity and modulates inflammatory responses to reduce morbidity and mortality. <i>Science Advances</i> , 2021, 7, .	10.3	176
17	RANK links thymic regulatory T cells to fetal loss and gestational diabetes in pregnancy. <i>Nature</i> , 2021, 589, 442-447.	27.8	52
18	The Role of Angiotensin Converting Enzyme 2 in Modulating Gut Microbiota, Intestinal Inflammation, and Coronavirus Infection. <i>Gastroenterology</i> , 2021, 160, 39-46.	1.3	95

#	ARTICLE	IF	CITATIONS
19	MKK7 deficiency in mature neurons impairs parental behavior in mice. <i>Genes To Cells</i> , 2021, 26, 5-17.	1.2	3
20	Hepatocyte Mitogen-Activated Protein Kinase Kinase 7 Contributes to Restoration of the Liver Parenchyma Following Injury in Mice. <i>Hepatology</i> , 2021, 73, 2510-2526.	7.3	5
21	HACE1 blocks HIF1 α accumulation under hypoxia in a RAC1 dependent manner. <i>Oncogene</i> , 2021, 40, 1988-2001.	5.9	5
22	Heme Biosynthesis mRNA Expression Signature: Towards a Novel Prognostic Biomarker in Patients with Diffusely Infiltrating Gliomas. <i>Cancers</i> , 2021, 13, 662.	3.7	5
23	The oxidoreductase PYROXD1 uses NAD(P) ⁺ as an antioxidant to sustain tRNA ligase activity in pre-tRNA splicing and unfolded protein response. <i>Molecular Cell</i> , 2021, 81, 2520-2532.e16.	9.7	21
24	A critical relationship between bone and fat: the role of bone marrow adipose-derived RANKL in bone metabolism. <i>EMBO Reports</i> , 2021, 22, e52986.	4.5	13
25	Ferritinophagy and ferroptosis in the management of metabolic diseases. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 444-462.	7.1	148
26	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021, 40, e108863.	7.8	615
27	Identification of lectin receptors for conserved SARS-CoV-2 glycosylation sites. <i>EMBO Journal</i> , 2021, 40, e108375.	7.8	44
28	Modeling a human CLP1 mutation in mouse identifies an accumulation of tyrosine pre-tRNA fragments causing pontocerebellar hypoplasia type 10. <i>Biochemical and Biophysical Research Communications</i> , 2021, 570, 60-66.	2.1	6
29	PRDM12 Is Transcriptionally Active and Required for Nociceptor Function Throughout Life. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 720973.	2.9	7
30	Targeting autophagy in ischemic stroke: From molecular mechanisms to clinical therapeutics. , 2021, 225, 107848.		105
31	Human soluble ACE2 improves the effect of remdesivir in SARS-CoV-2 infection. <i>EMBO Molecular Medicine</i> , 2021, 13, e13426.	6.9	87
32	The ubiquitin ligase HOIL-1L regulates immune responses by interacting with linear ubiquitin chains. <i>IScience</i> , 2021, 24, 103241.	4.1	3
33	Community evaluation of glycoproteomics informatics solutions reveals high-performance search strategies for serum glycopeptide analysis. <i>Nature Methods</i> , 2021, 18, 1304-1316.	19.0	74
34	ACE2-like carboxypeptidase B38-CAP protects from SARS-CoV-2-induced lung injury. <i>Nature Communications</i> , 2021, 12, 6791.	12.8	32
35	Structure-guided glyco-engineering of ACE2 for improved potency as soluble SARS-CoV-2 decoy receptor. <i>ELife</i> , 2021, 10, .	6.0	29
36	Angiotensin-Converting Enzyme 2 (ACE2) in the Pathogenesis of ARDS in COVID-19. <i>Frontiers in Immunology</i> , 2021, 12, 732690.	4.8	34

#	ARTICLE	IF	CITATIONS
37	Genome-wide spatial expression profiling in formalin-fixed tissues. <i>Cell Genomics</i> , 2021, 1, 100065.	6.5	45
38	Map2k7 Haploinsufficiency Induces Brain Imaging Endophenotypes and Behavioral Phenotypes Relevant to Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020, 46, 211-223.	4.3	10
39	Cytoskeletal disorganization underlies PABPN1-mediated myogenic disability. <i>Scientific Reports</i> , 2020, 10, 17621.	3.3	6
40	Dysregulation in Akt/mTOR/HIF-1 signaling identified by proteo-transcriptomics of SARS-CoV-2 infected cells. <i>Emerging Microbes and Infections</i> , 2020, 9, 1748-1760.	6.5	221
41	Salmonella-based platform for efficient delivery of functional binding proteins to the cytosol. <i>Communications Biology</i> , 2020, 3, 342.	4.4	14
42	Targeting the RANKL/RANK/OPG Axis for Cancer Therapy. <i>Frontiers in Oncology</i> , 2020, 10, 1283.	2.8	42
43	Sclerostin expression in trabecular bone is downregulated by osteoclasts. <i>Scientific Reports</i> , 2020, 10, 13751.	3.3	17
44	Dual deficiency of angiotensin-converting enzyme-2 and Mas receptor enhances angiotensin II-induced hypertension and hypertensive nephropathy. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 13093-13103.	3.6	15
45	Human recombinant soluble ACE2 in severe COVID-19. <i>Lancet Respiratory Medicine</i> , 2020, 8, 1154-1158.	10.7	340
46	Fibroblasts as a source of self-antigens for central immune tolerance. <i>Nature Immunology</i> , 2020, 21, 1172-1180.	14.5	54
47	Inhibition of RANK signaling in breast cancer induces an anti-tumor immune response orchestrated by CD8+ T cells. <i>Nature Communications</i> , 2020, 11, 6335.	12.8	46
48	Stepwise cell fate decision pathways during osteoclastogenesis at single-cell resolution. <i>Nature Metabolism</i> , 2020, 2, 1382-1390.	11.9	60
49	HACE1 Prevents Lung Carcinogenesis via Inhibition of RAC-Family GTPases. <i>Cancer Research</i> , 2020, 80, 3009-3022.	0.9	19
50	Sigma-1 receptors control neuropathic pain and macrophage infiltration into the dorsal root ganglion after peripheral nerve injury. <i>FASEB Journal</i> , 2020, 34, 5951-5966.	0.5	40
51	Tyrosine pre-transfer RNA fragments are linked to p53-dependent neuronal cell death via PKM2. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 726-732.	2.1	16
52	RANKL and OPG and their influence on breast volume changes during pregnancy in healthy women. <i>Scientific Reports</i> , 2020, 10, 5171.	3.3	5
53	Reduced Prenatal Pulmonary Lymphatic Function Is Observed in Clp1K/K Embryos With Impaired Motor Functions Including Fetal Breathing Movements in Preparation of the Developing Lung for Inflation at Birth. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 136.	4.1	9
54	CLP1 acts as the main RNA kinase in mice. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 129-134.	2.1	4

#	ARTICLE	IF	CITATIONS
55	A synthetic peptide library for benchmarking crosslinking-mass spectrometry search engines for proteins and protein complexes. <i>Nature Communications</i> , 2020, 11, 742.	12.8	62
56	B38-CAP is a bacteria-derived ACE2-like enzyme that suppresses hypertension and cardiac dysfunction. <i>Nature Communications</i> , 2020, 11, 1058.	12.8	48
57	Angiotensin-converting enzyme 2 (ACE2) as a SARS-CoV-2 receptor: molecular mechanisms and potential therapeutic target. <i>Intensive Care Medicine</i> , 2020, 46, 586-590.	8.2	2,071
58	Overexpression of apoptosis inducing factor aggravates hypoxic-ischemic brain injury in neonatal mice. <i>Cell Death and Disease</i> , 2020, 11, 77.	6.3	27
59	Inhibition of SARS-CoV-2 Infections in Engineered Human Tissues Using Clinical-Grade Soluble Human ACE2. <i>Cell</i> , 2020, 181, 905-913.e7.	28.9	1,827
60	Angiotensin-converting enzyme 2 (ACE2) as a SARS-CoV-2 receptor: molecular mechanisms and potential therapeutic target. , 2020, 46, 586.		1
61	Identification of ALK in Thinness. <i>Cell</i> , 2020, 181, 1246-1262.e22.	28.9	66
62	Site-specific ubiquitination of the E3 ligase HOIP regulates apoptosis and immune signaling. <i>EMBO Journal</i> , 2020, 39, e103303.	7.8	8
63	Abstract 15735: Neonatal Cardiac Regeneration Depends on IGF1R-signaling. <i>Circulation</i> , 2020, 142, .	1.6	0
64	Apelin inhibition prevents resistance and metastasis associated with anti-angiogenic therapy. <i>EMBO Molecular Medicine</i> , 2019, 11, e9266.	6.9	72
65	The Airn lncRNA does not require any DNA elements within its locus to silence distant imprinted genes. <i>PLoS Genetics</i> , 2019, 15, e1008268.	3.5	35
66	Master checkpoint Cbl-b inhibition: Anti-tumour efficacy in a murine colorectal cancer model following siRNA-based cell therapy. <i>Annals of Oncology</i> , 2019, 30, v503-v504.	1.2	4
67	Improved Sensitivity in Low-Input Proteomics Using Micropillar Array-Based Chromatography. <i>Analytical Chemistry</i> , 2019, 91, 14203-14207.	6.5	57
68	HACE1 deficiency leads to structural and functional neurodevelopmental defects. <i>Neurology: Genetics</i> , 2019, 5, e330.	1.9	26
69	Targeting APLN/APLNR Improves Antiangiogenic Efficiency and Blunts Proinvasive Side Effects of VEGFA/VEGFR2 Blockade in Glioblastoma. <i>Cancer Research</i> , 2019, 79, 2298-2313.	0.9	56
70	AIF-regulated oxidative phosphorylation supports lung cancer development. <i>Cell Research</i> , 2019, 29, 579-591.	12.0	58
71	Derivation and maintenance of mouse haploid embryonic stem cells. <i>Nature Protocols</i> , 2019, 14, 1991-2014.	12.0	12
72	Apelin protects against abdominal aortic aneurysm and the therapeutic role of neutral endopeptidase resistant apelin analogs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13006-13015.	7.1	39

#	ARTICLE	IF	CITATIONS
73	JNK signalling mediates aspects of maternal immune activation: importance of maternal genotype in relation to schizophrenia risk. <i>Journal of Neuroinflammation</i> , 2019, 16, 18.	7.2	26
74	Targeting the MKK7/c-Jun (Mitogen-Activated Protein Kinase Kinase 7/c-Jun N-Terminal Kinase) Pathway with Covalent Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 2843-2848.	6.4	18
75	ANGI-03. PHARMACOLOGICAL TARGETING OF APELIN/APLNR SIGNALING BLUNTS THERAPY RESISTANCE TO VEGFA/VEGFR2 ANTI-ANGIOGENIC TREATMENT IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2019, 21, vi30-vi30.	1.2	0
76	The Role of Iron Regulation in Immunometabolism and Immune-Related Disease. <i>Frontiers in Molecular Biosciences</i> , 2019, 6, 116.	3.5	178
77	Generation of blood vessel organoids from human pluripotent stem cells. <i>Nature Protocols</i> , 2019, 14, 3082-3100.	12.0	136
78	Pulmonary phagocyte-derived NPY controls the pathology of severe influenza virus infection. <i>Nature Microbiology</i> , 2019, 4, 258-268.	13.3	13
79	Human blood vessel organoids as a model of diabetic vasculopathy. <i>Nature</i> , 2019, 565, 505-510.	27.8	500
80	RANK deletion in neuropeptide Y neurones attenuates oestrogen deficiency-related bone loss. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12687.	2.6	2
81	Behavioral phenotyping of calcium channel (CACN) subunit $\beta_2\beta_3$ knockout mice: Consequences of sensory cross-modal activation. <i>Behavioural Brain Research</i> , 2019, 364, 393-402.	2.2	11
82	The novel lncRNA lnc-NR2F1 is pro-neurogenic and mutated in human neurodevelopmental disorders. <i>ELife</i> , 2019, 8, .	6.0	59
83	Abstract C048: Novel master checkpoint Cbl-b siRNA-based adoptive cellular therapy: Superior antitumor efficacy in a syngeneic murine hepatocellular carcinoma Hepa1-6 model following APN401 monotherapy and synergistic effects with anti-PD1. , 2019, , .		0
84	Central RANK signalling in NPY neurons alters bone mass in male mice. <i>Neuropeptides</i> , 2018, 68, 75-83.	2.2	8
85	Cardiac regeneration in a newborn: what does this mean for future cardiac repair research?. <i>Expert Review of Cardiovascular Therapy</i> , 2018, 16, 155-157.	1.5	2
86	Depletion of angiotensin-converting enzyme 2 reduces brain serotonin and impairs the running-induced neurogenic response. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 3625-3634.	5.4	53
87	Functionally Conserved Noncoding Regulators of Cardiomyocyte Proliferation and Regeneration in Mouse and Human. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e001805.	3.6	14
88	The CCR4-NOT deadenylase complex controls Atg7-dependent cell death and heart function. <i>Science Signaling</i> , 2018, 11, .	3.6	51
89	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018, 25, 486-541.	11.2	4,036
90	Loss of function mutations in VARS encoding cytoplasmic valyl-tRNA synthetase cause microcephaly, seizures, and progressive cerebral atrophy. <i>Human Genetics</i> , 2018, 137, 293-303.	3.8	12

#	ARTICLE	IF	CITATIONS
91	Predicting functional neuroanatomical maps from fusing brain networks with genetic information. <i>NeuroImage</i> , 2018, 170, 113-120.	4.2	16
92	RANKL and RANK: From Mammalian Physiology to Cancer Treatment. <i>Trends in Cell Biology</i> , 2018, 28, 213-223.	7.9	72
93	Neuroanatomy of pain-deficiency and cross-modal activation in calcium channel subunit (CACN) $\beta_2\beta_3$ knockout mice. <i>Brain Structure and Function</i> , 2018, 223, 111-130.	2.3	12
94	Unbiased compound-protein interface mapping and prediction of chemoresistance loci through forward genetics in haploid stem cells. <i>Oncotarget</i> , 2018, 9, 9838-9851.	1.8	17
95	The RNA helicase DDX3X is an essential mediator of innate antimicrobial immunity. <i>PLoS Pathogens</i> , 2018, 14, e1007397.	4.7	65
96	The metabolite BH4 controls T cell proliferation in autoimmunity and cancer. <i>Nature</i> , 2018, 563, 564-568.	27.8	174
97	Leukotriene B4 promotes neovascularization and macrophage recruitment in murine wet-type AMD models. <i>JCI Insight</i> , 2018, 3, .	5.0	28
98	Mild Impairment of Mitochondrial OXPHOS Promotes Fatty Acid Utilization in POMC Neurons and Improves Glucose Homeostasis in Obesity. <i>Cell Reports</i> , 2018, 25, 383-397.e10.	6.4	26
99	A genome-wide <i>Drosophila</i> epithelial tumorigenesis screen identifies Tetraspanin 29Fb as an evolutionarily conserved suppressor of Ras-driven cancer. <i>PLoS Genetics</i> , 2018, 14, e1007688.	3.5	10
100	Coupling of bone resorption and formation by RANKL reverse signalling. <i>Nature</i> , 2018, 561, 195-200.	27.8	376
101	Analysis of PNGase F-Resistant N-glycopeptides Using SugarQb for Proteome Discoverer 2.1 Reveals Cryptic Substrate Specificities. <i>Proteomics</i> , 2018, 18, e1700436.	2.2	21
102	Genetic deletion of muscle RANK or selective inhibition of RANKL is not as effective as full-length OPG-fc in mitigating muscular dystrophy. <i>Acta Neuropathologica Communications</i> , 2018, 6, 31.	5.2	39
103	Cbl-b deficiency provides protection against UVB-induced skin damage by modulating inflammatory gene signature. <i>Cell Death and Disease</i> , 2018, 9, 835.	6.3	13
104	Afatinib restrains K-RAS-driven lung tumorigenesis. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	99
105	The enigmatic meiotic dense body and its newly discovered component, SCML1, are dispensable for fertility and gametogenesis in mice. <i>Chromosoma</i> , 2017, 126, 399-415.	2.2	2
106	Identification of subepithelial mesenchymal cells that induce IgA and diversify gut microbiota. <i>Nature Immunology</i> , 2017, 18, 675-682.	14.5	119
107	Loss of Prdm12 affects nociceptor differentiation in the mouse. <i>Mechanisms of Development</i> , 2017, 145, S116.	1.7	0
108	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017, 36, 1811-1836.	7.8	1,230

#	ARTICLE	IF	CITATIONS
109	ELABELA-APJ axis protects from pressure overload heart failure and angiotensin II-induced cardiac damage. <i>Cardiovascular Research</i> , 2017, 113, 760-769.	3.8	111
110	GW28-e0806 Pyr1-Apelin 13 is a negative modulator of angiotensin II-mediated adverse myocardial hypertrophy, remodeling and fibrosis. <i>Journal of the American College of Cardiology</i> , 2017, 70, C29-C30.	2.8	0
111	Apelin Is a Negative Regulator of Angiotensin II-Mediated Adverse Myocardial Remodeling and Dysfunction. <i>Hypertension</i> , 2017, 70, 1165-1175.	2.7	85
112	A reversible haploid mouse embryonic stem cell biobank resource for functional genomics. <i>Nature</i> , 2017, 550, 114-118.	27.8	58
113	ELABELA, a Novel APJ Ligand, Inhibits Pressure Overload- and Angiotensin II-induced Cardiac Remodeling. <i>Journal of Cardiac Failure</i> , 2017, 23, S56.	1.7	0
114	Comparative glycoproteomics of stem cells identifies new players in ricin toxicity. <i>Nature</i> , 2017, 549, 538-542.	27.8	110
115	Sigma-1 receptors control immune-driven peripheral opioid analgesia during inflammation in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8396-8401.	7.1	33
116	The W9 peptide directly stimulates osteoblast differentiation via RANKL signaling. <i>Journal of Oral Biosciences</i> , 2017, 59, 146-151.	2.2	6
117	Age-dependent motor dysfunction due to neuron-specific disruption of stress-activated protein kinase MKK7. <i>Scientific Reports</i> , 2017, 7, 7348.	3.3	17
118	RANK rewires energy homeostasis in lung cancer cells and drives primary lung cancer. <i>Genes and Development</i> , 2017, 31, 2099-2112.	5.9	32
119	Glycogen Synthase Kinase-3 Modulates Cbl-b and Constrains T Cell Activation. <i>Journal of Immunology</i> , 2017, 199, 4056-4065.	0.8	13
120	Mice haploinsufficient for <i>Map2k7</i> , a gene involved in neurodevelopment and risk for schizophrenia, show impaired attention, a vigilance decrement deficit and unstable cognitive processing in an attentional task: impact of minocycline. <i>Psychopharmacology</i> , 2017, 234, 293-305.	3.1	16
121	Frontline Science: Coincidental null mutation of <i>Csf2r1</i> in a colony of <i>PI3K^{3a}/a⁺</i> mice causes alveolar macrophage deficiency and fatal respiratory viral infection. <i>Journal of Leukocyte Biology</i> , 2017, 101, 367-376.	3.3	22
122	LOX Fails to Substitute for RANKL in Osteoclastogenesis. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 434-439.	2.8	41
123	A vital sugar code for ricin toxicity. <i>Cell Research</i> , 2017, 27, 1351-1364.	12.0	20
124	Receptor Activator of NF- κ B Orchestrates Activation of Antiviral Memory CD8 ⁺ T Cells in the Spleen Marginal Zone. <i>Cell Reports</i> , 2017, 21, 2515-2527.	6.4	24
125	Mapping the mouse Allelome reveals tissue-specific regulation of allelic expression. <i>ELife</i> , 2017, 6, .	6.0	120
126	Autophagy suppresses Ras-driven epithelial tumorigenesis by limiting the accumulation of reactive oxygen species. <i>Oncogene</i> , 2017, 36, 5576-5592.	5.9	30

#	ARTICLE	IF	CITATIONS
127	Aberrant regulation of RANKL/OPG in women at high risk of developing breast cancer. <i>Oncotarget</i> , 2017, 8, 3811-3825.	1.8	45
128	ACE2 Deficiency Worsens Epicardial Adipose Tissue Inflammation and Cardiac Dysfunction in Response to Diet-Induced Obesity. <i>Diabetes</i> , 2016, 65, 85-95.	0.6	193
129	RANK and RANKL of Bones, T Cells, and the Mammary Glands. , 2016, , 121-142.		1
130	CD36/Sirtuin 1 Axis Impairment Contributes to Hepatic Steatosis in ACE2-Deficient Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-11.	4.0	13
131	The Role of TAM Family Receptors in Immune Cell Function: Implications for Cancer Therapy. <i>Cancers</i> , 2016, 8, 97.	3.7	97
132	Genetic Deletion of ACE2 Induces Vascular Dysfunction in C57BL/6 Mice: Role of Nitric Oxide Imbalance and Oxidative Stress. <i>PLoS ONE</i> , 2016, 11, e0150255.	2.5	52
133	Caloric Restriction Mimetics Enhance Anticancer Immunosurveillance. <i>Cancer Cell</i> , 2016, 30, 147-160.	16.8	410
134	Sucralose Promotes Food Intake through NPY and a Neuronal Fasting Response. <i>Cell Metabolism</i> , 2016, 24, 75-90.	16.2	84
135	Identification of embryonic precursor cells that differentiate into thymic epithelial cells expressing autoimmune regulator. <i>Journal of Experimental Medicine</i> , 2016, 213, 1441-1458.	8.5	41
136	Osteoprotegerin full length protein mitigates muscular dystrophy in fast-twitch skeletal muscles. <i>Neuromuscular Disorders</i> , 2016, 26, S131.	0.6	0
137	RANKL/RANK: from bone loss to the prevention of breast cancer. <i>Open Biology</i> , 2016, 6, 160230.	3.6	53
138	Effects of ACE2 deficiency on physical performance and physiological adaptations of cardiac and skeletal muscle to exercise. <i>Hypertension Research</i> , 2016, 39, 506-512.	2.7	45
139	LGR4 is a receptor for RANKL and negatively regulates osteoclast differentiation and bone resorption. <i>Nature Medicine</i> , 2016, 22, 539-546.	30.7	278
140	Intercellular Communication between Keratinocytes and Fibroblasts Induces Local Osteoclast Differentiation: a Mechanism Underlying Cholesteatoma-Induced Bone Destruction. <i>Molecular and Cellular Biology</i> , 2016, 36, 1610-1620.	2.3	17
141	The Tumor Suppressor Hace1 Is a Critical Regulator of TNFR1-Mediated Cell Fate. <i>Cell Reports</i> , 2016, 15, 1481-1492.	6.4	46
142	Muscle RANK is a key regulator of Ca ²⁺ storage, SERCA activity, and function of fast-twitch skeletal muscles. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 310, C663-C672.	4.6	51
143	A reproducible protocol for neonatal ischemic injury and cardiac regeneration in neonatal mice. <i>Basic Research in Cardiology</i> , 2016, 111, 64.	5.9	31
144	Mast cells are not associated with systemic insulin resistance. <i>European Journal of Clinical Investigation</i> , 2016, 46, 911-919.	3.4	8

#	ARTICLE	IF	CITATIONS
145	The mevalonate pathway regulates primitive streak formation via protein farnesylation. <i>Scientific Reports</i> , 2016, 6, 37697.	3.3	8
146	52 Genetic Loci Influencing Myocardial Mass. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1435-1448.	2.8	113
147	Inhibition of CBLB protects from lethal <i>Candida albicans</i> sepsis. <i>Nature Medicine</i> , 2016, 22, 915-923.	30.7	111
148	Paul Ehrlich (1854-1915) and His Contributions to the Foundation and Birth of Translational Medicine. <i>Journal of Innate Immunity</i> , 2016, 8, 111-120.	3.8	249
149	RANKL/RANK control Brca1 mutation-driven mammary tumors. <i>Cell Research</i> , 2016, 26, 761-774.	12.0	128
150	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
151	Functional Recovery of a Human Neonatal Heart After Severe Myocardial Infarction. <i>Circulation Research</i> , 2016, 118, 216-221.	4.5	272
152	A cryoinjury model in neonatal mice for cardiac translational and regeneration research. <i>Nature Protocols</i> , 2016, 11, 542-552.	12.0	42
153	Trim28 Haploinsufficiency Triggers Bi-stable Epigenetic Obesity. <i>Cell</i> , 2016, 164, 353-364.	28.9	161
154	A Genome-Wide siRNA Screen Implicates Spire1/2 in SipA-Driven <i>Salmonella Typhimurium</i> Host Cell Invasion. <i>PLoS ONE</i> , 2016, 11, e0161965.	2.5	16
155	TNF-driven cell fate: till HACE do us part. <i>Oncotarget</i> , 2016, 7, 44871-44872.	1.8	1
156	RANK/RANKL Signaling. , 2016, , 3899-3903.		0
157	Disruption of STAT3 signalling promotes KRAS-induced lung tumorigenesis. <i>Nature Communications</i> , 2015, 6, 6285.	12.8	124
158	Inhibition of the TNF Family Cytokine RANKL Prevents Autoimmune Inflammation in the Central Nervous System. <i>Immunity</i> , 2015, 43, 1174-1185.	14.3	65
159	The histone chaperone CAF-1 safeguards somatic cell identity. <i>Nature</i> , 2015, 528, 218-224.	27.8	244
160	RANKL blockade prevents and treats aggressive osteosarcomas. <i>Science Translational Medicine</i> , 2015, 7, 317ra197.	12.4	67
161	<sc>CLP1</sc> as a novel player in linking <sc>tRNA</sc> splicing to neurodegenerative disorders. <i>Wiley Interdisciplinary Reviews RNA</i> , 2015, 6, 47-63.	6.4	48
162	Autophagy in malignant transformation and cancer progression. <i>EMBO Journal</i> , 2015, 34, 856-880.	7.8	1,012

#	ARTICLE	IF	CITATIONS
163	The RANKL-RANK Story. <i>Gerontology</i> , 2015, 61, 534-542.	2.8	127
164	Osteoprotegerin Protects against Muscular Dystrophy. <i>American Journal of Pathology</i> , 2015, 185, 920-926.	3.8	47
165	Silencing Nociceptor Neurons Reduces Allergic Airway Inflammation. <i>Neuron</i> , 2015, 87, 341-354.	8.1	299
166	Osteoprotegerin and Denosumab Stimulate Human Beta Cell Proliferation through Inhibition of the Receptor Activator of NF- κ B Ligand Pathway. <i>Cell Metabolism</i> , 2015, 22, 77-85.	16.2	128
167	CHMP5 controls bone turnover rates by dampening NF- κ B activity in osteoclasts. <i>Journal of Experimental Medicine</i> , 2015, 212, 1283-1301.	8.5	56
168	Reduction of Neuropathic and Inflammatory Pain through Inhibition of the Tetrahydrobiopterin Pathway. <i>Neuron</i> , 2015, 86, 1393-1406.	8.1	101
169	Cationic nanoparticles directly bind angiotensin-converting enzyme 2 and induce acute lung injury in mice. <i>Particle and Fibre Toxicology</i> , 2015, 12, 4.	6.2	44
170	Imprinted expression in cystic embryoid bodies shows an embryonic and not an extra-embryonic pattern. <i>Developmental Biology</i> , 2015, 402, 291-305.	2.0	7
171	The evolutionarily conserved transcription factor PRDM12 controls sensory neuron development and pain perception. <i>Cell Cycle</i> , 2015, 14, 1799-1808.	2.6	43
172	Neuregulin stimulation of cardiomyocyte regeneration in mice and human myocardium reveals a therapeutic window. <i>Science Translational Medicine</i> , 2015, 7, 281ra45.	12.4	189
173	KCNJ15/Kir4.2 couples with polyamines to sense weak extracellular electric fields in galvanotaxis. <i>Nature Communications</i> , 2015, 6, 8532.	12.8	83
174	Exploring the emerging complexity in transcriptional regulation of energy homeostasis. <i>Nature Reviews Genetics</i> , 2015, 16, 665-681.	16.3	61
175	G0/G1 Switch Gene 2 Regulates Cardiac Lipolysis. <i>Journal of Biological Chemistry</i> , 2015, 290, 26141-26150.	3.4	28
176	RANK Signaling Amplifies WNT-Responsive Mammary Progenitors through R-SPONDIN1. <i>Stem Cell Reports</i> , 2015, 5, 31-44.	4.8	64
177	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. <i>Cell Death and Differentiation</i> , 2015, 22, 58-73.	11.2	811
178	Compromising the 19S proteasome complex protects cells from reduced flux through the proteasome. <i>ELife</i> , 2015, 4, .	6.0	67
179	RANK κ RANKL Signaling. , 2015, , 1-5.		0
180	Autophagy in non-small cell lung carcinogenesis. <i>Autophagy</i> , 2014, 10, 529-531.	9.1	55

#	ARTICLE	IF	CITATIONS
181	MKK7 and ARF. Cell Cycle, 2014, 13, 1227-1236.	2.6	12
182	HACE1 reduces oxidative stress and mutant Huntingtin toxicity by promoting the NRF2 response. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3032-3037.	7.1	85
183	Genetically corrected iPSCs as cell therapy for recessive dystrophic epidermolysis bullosa. Science Translational Medicine, 2014, 6, 264ra165.	12.4	53
184	ZPK/DLK and MKK4 Form the Critical Gateway to Axotomy-Induced Motoneuron Death in Neonates. Journal of Neuroscience, 2014, 34, 10729-10742.	3.6	18
185	RANKL/RANK " From bone physiology to breast cancer. Cytokine and Growth Factor Reviews, 2014, 25, 205-214.	7.2	48
186	A dual role for autophagy in a murine model of lung cancer. Nature Communications, 2014, 5, 3056.	12.8	369
187	The E3 ligase Cbl-b and TAM receptors regulate cancer metastasis via natural killer cells. Nature, 2014, 507, 508-512.	27.8	394
188	Human CLP1 Mutations Alter tRNA Biogenesis, Affecting Both Peripheral and Central Nervous System Function. Cell, 2014, 157, 636-650.	28.9	189
189	Angiotensin II plasma levels are linked to disease severity and predict fatal outcomes in H7N9-infected patients. Nature Communications, 2014, 5, 3595.	12.8	137
190	HACE1-dependent protein degradation provides cardiac protection in response to haemodynamic stress. Nature Communications, 2014, 5, 3430.	12.8	31
191	Jagunal homolog 1 is a critical regulator of neutrophil function in fungal host defense. Nature Genetics, 2014, 46, 1028-1033.	21.4	49
192	JAGN1 deficiency causes aberrant myeloid cell homeostasis and congenital neutropenia. Nature Genetics, 2014, 46, 1021-1027.	21.4	119
193	Heterozygote loss of ACE2 is sufficient to increase the susceptibility to heart disease. Journal of Molecular Medicine, 2014, 92, 847-858.	3.9	34
194	Genome wide functional genetics in haploid cells. FEBS Letters, 2014, 588, 2415-2421.	2.8	20
195	Angiotensin-converting enzyme 2 protects from lethal avian influenza A H5N1 infections. Nature Communications, 2014, 5, 3594.	12.8	354
196	E3-Ubiquitin Ligase Cbl-b Suppresses Proallergic T Cell Development and Allergic Airway Inflammation. Cell Reports, 2014, 6, 709-723.	6.4	56
197	Angiotensin-converting enzyme 2 (ACE2) mediates influenza H7N9 virus-induced acute lung injury. Scientific Reports, 2014, 4, 7027.	3.3	249
198	Abstract 1209: Comparison of lung adenocarcinoma development in genetically engineered mouse and in humans - similarities and differences. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
199	Linking cytoarchitecture to metabolism: sarcolemma-associated plectin affects glucose uptake by destabilizing microtubule networks in mdx myofibers. <i>Skeletal Muscle</i> , 2013, 3, 14.	4.2	24
200	Angiotensin-converting enzyme 2 attenuates oxidative stress and VSMC proliferation via the JAK2/STAT3/SOCS3 and profilin-1/MAPK signaling pathways. <i>Regulatory Peptides</i> , 2013, 185, 44-51.	1.9	50
201	Pharmacokinetics and Pharmacodynamics of Recombinant Human Angiotensin-Converting Enzyme 2 in Healthy Human Subjects. <i>Clinical Pharmacokinetics</i> , 2013, 52, 783-792.	3.5	326
202	Cerebral organoids model human brain development and microcephaly. <i>Nature</i> , 2013, 501, 373-379.	27.8	3,889
203	ACE2 – From the renin–angiotensin system to gut microbiota and malnutrition. <i>Microbes and Infection</i> , 2013, 15, 866-873.	1.9	193
204	Nutrition and the biology of human ageing: Bone health & osteoporosis / sarcopenia / immune deficiency. <i>Journal of Nutrition, Health and Aging</i> , 2013, 17, 712-716.	3.3	8
205	The paradox of overnutrition in aging and cognition. <i>Annals of the New York Academy of Sciences</i> , 2013, 1287, 31-43.	3.8	21
206	Hace1 controls ROS generation of vertebrate Rac1-dependent NADPH oxidase complexes. <i>Nature Communications</i> , 2013, 4, 2180.	12.8	94
207	The Tumor Necrosis Factor Family Receptors RANK and CD40 Cooperatively Establish the Thymic Medullary Microenvironment and Self-Tolerance. <i>Immunity</i> , 2013, 39, 796.	14.3	0
208	Haploinsufficiency of ACE2 Is Sufficient to Enhance Susceptibility to Heart Failure With Adverse Cardiovascular Remodeling. <i>Canadian Journal of Cardiology</i> , 2013, 29, S234-S235.	1.7	0
209	Angiotensin-converting enzyme 2 antagonizes angiotensin II-induced pressor response and NADPH oxidase activation in Wistar–Kyoto rats and spontaneously hypertensive rats. <i>Experimental Physiology</i> , 2013, 98, 109-122.	2.0	56
210	Blockade of receptor activator of nuclear factor- κ B (RANKL) signaling improves hepatic insulin resistance and prevents development of diabetes mellitus. <i>Nature Medicine</i> , 2013, 19, 358-363.	30.7	211
211	CLP1 links tRNA metabolism to progressive motor-neuron loss. <i>Nature</i> , 2013, 495, 474-480.	27.8	231
212	The Lipid Mediator Protectin D1 Inhibits Influenza Virus Replication and Improves Severe Influenza. <i>Cell</i> , 2013, 153, 112-125.	28.9	399
213	Monoclonal antibody against CXCL-10/IP-10 ameliorates influenza A (H1N1) virus induced acute lung injury. <i>Cell Research</i> , 2013, 23, 577-580.	12.0	77
214	Maps of open chromatin highlight cell type–restricted patterns of regulatory sequence variation at hematological trait loci. <i>Genome Research</i> , 2013, 23, 1130-1141.	5.5	34
215	CXCL10-CXCR3 Enhances the Development of Neutrophil-mediated Fulminant Lung Injury of Viral and Nonviral Origin. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 65-77.	5.6	248
216	Vav1 regulates MHCII expression in murine resting and activated B cells. <i>International Immunology</i> , 2013, 25, 307-317.	4.0	3

#	ARTICLE	IF	CITATIONS
217	Progesterone drives mammary secretory differentiation via RankL-mediated induction of Elf5 in luminal progenitor cells. <i>Development (Cambridge)</i> , 2013, 140, 1397-1401.	2.5	86
218	Correction: The hemopoietic Rho/Rac guanine nucleotide exchange factor Vav1 regulates N-formyl-methionyl-leucyl-phenylalanine-activated neutrophil functions. <i>Journal of Immunology</i> , 2013, 190, 4433-4433.	0.8	0
219	Gab2 signaling in chronic myeloid leukemia cells confers resistance to multiple Bcr-Abl inhibitors. <i>Leukemia</i> , 2013, 27, 118-129.	7.2	48
220	Loss of Apelin Exacerbates Myocardial Infarction Adverse Remodeling and Ischemia-Induced Reperfusion Injury: Therapeutic Potential of Synthetic Apelin Analogues. <i>Journal of the American Heart Association</i> , 2013, 2, e000249.	3.7	171
221	CBL-B is required for leukemogenesis mediated by BCR-ABL through negative regulation of bone marrow homing. <i>Leukemia</i> , 2013, 27, 1146-1154.	7.2	6
222	Stimulation of Bone Formation in Cortical Bone of Mice Treated with a Receptor Activator of Nuclear Factor- κ B Ligand (RANKL)-binding Peptide That Possesses Osteoclastogenesis Inhibitory Activity. <i>Journal of Biological Chemistry</i> , 2013, 288, 5562-5571.	3.4	65
223	Multiple Functions of Angiotensin-Converting Enzyme 2 and Its Relevance in Cardiovascular Diseases. <i>Circulation Journal</i> , 2013, 77, 301-308.	1.6	162
224	Cardiac protective effects of irbesartan via the PPAR-gamma signaling pathway in angiotensin-converting enzyme 2-deficient mice. <i>Journal of Translational Medicine</i> , 2013, 11, 229.	4.4	32
225	Apelin is a positive regulator of ACE2 in failing hearts. <i>Journal of Clinical Investigation</i> , 2013, 123, 5203-5211.	8.2	143
226	The Role of the E3 Ligase Cbl-B in Murine Dendritic Cells. <i>PLoS ONE</i> , 2013, 8, e65178.	2.5	14
227	c-Fos plays an essential role in the up-regulation of RANK expression in osteoclast precursors within the bone microenvironment. <i>Journal of Cell Science</i> , 2012, 125, 2910-7.	2.0	84
228	Bnip3 and AIF cooperate to induce apoptosis and cavitation during epithelial morphogenesis. <i>Journal of Cell Biology</i> , 2012, 198, 103-114.	5.2	32
229	Construction of a Global Pain Systems Network Highlights Phospholipid Signaling as a Regulator of Heat Nociception. <i>PLoS Genetics</i> , 2012, 8, e1003071.	3.5	23
230	Converging evidence that sequence variations in the novel candidate gene MAP2K7 (MKK7) are functionally associated with schizophrenia. <i>Human Molecular Genetics</i> , 2012, 21, 4910-4921.	2.9	48
231	Loss of angiotensin-converting enzyme 2 enhances TGF- β /Smad-mediated renal fibrosis and NF- κ B-driven renal inflammation in a mouse model of obstructive nephropathy. <i>Laboratory Investigation</i> , 2012, 92, 650-661.	3.7	101
232	Reinforcement of cancer immunotherapy by adoptive transfer of <i>Cblb</i> -deficient CD8 ⁺ T cells combined with a DC vaccine. <i>Immunology and Cell Biology</i> , 2012, 90, 130-134.	2.3	22
233	Spleen serves as a reservoir of osteoclast precursors through vitamin D-induced IL-34 expression in osteopetrotic <i>op/op</i> mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10006-10011.	7.1	66
234	Development and Function of Murine B Cells Lacking RANK. <i>Journal of Immunology</i> , 2012, 188, 1201-1205.	0.8	48

#	ARTICLE	IF	CITATIONS
235	A RANKL G278R mutation causing osteopetrosis identifies a functional amino acid essential for trimer assembly in RANKL and TNF. <i>Human Molecular Genetics</i> , 2012, 21, 784-798.	2.9	55
236	ANGIOTENSIN II-MEDIATED MYOCARDIAL EXPRESSION OF MMP2, MMP9 AND MT1-MMP WERE ENHANCED IN ACE2-NULL MICE. <i>Heart</i> , 2012, 98, E9.2-E9.	2.9	0
237	Defective intestinal amino acid absorption in Ace2 null mice. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, G686-G695.	3.4	92
238	Developmentally Regulated Availability of RANKL and CD40 Ligand Reveals Distinct Mechanisms of Fetal and Adult Cross-Talk in the Thymus Medulla. <i>Journal of Immunology</i> , 2012, 189, 5519-5526.	0.8	70
239	Impact of ACE2 Deficiency and Oxidative Stress on Cerebrovascular Function With Aging. <i>Stroke</i> , 2012, 43, 3358-3363.	2.0	98
240	PDGFR blockade is a rational and effective therapy for NPM-ALK-driven lymphomas. <i>Nature Medicine</i> , 2012, 18, 1699-1704.	30.7	113
241	Hedgehog Partial Agonism Drives Warburg-like Metabolism in Muscle and Brown Fat. <i>Cell</i> , 2012, 151, 414-426.	28.9	237
242	A Role for Fkbp6 and the Chaperone Machinery in piRNA Amplification and Transposon Silencing. <i>Molecular Cell</i> , 2012, 47, 970-979.	9.7	126
243	Seventy-five genetic loci influencing the human red blood cell. <i>Nature</i> , 2012, 492, 369-375.	27.8	320
244	Recombinant Angiotensin-Converting Enzyme 2 Suppresses Pulmonary Vasoconstriction in Acute Hypoxia. <i>Wilderness and Environmental Medicine</i> , 2012, 23, 24-30.	0.9	37
245	An Immunosurveillance Mechanism Controls Cancer Cell Ploidy. <i>Science</i> , 2012, 337, 1678-1684.	12.6	367
246	Rank Signaling Links the Development of Invariant Î³Î´ T Cell Progenitors and Aire+ Medullary Epithelium. <i>Immunity</i> , 2012, 36, 427-437.	14.3	152
247	New actions of rank ligand. <i>Bone</i> , 2012, 50, S21.	2.9	0
248	E3 Ubiquitin Ligase Cbl-b Regulates Pten via Nedd4 in T Cells Independently of Its Ubiquitin Ligase Activity. <i>Cell Reports</i> , 2012, 1, 472-482.	6.4	70
249	Apelin Treatment Increases Complete Fatty Acid Oxidation, Mitochondrial Oxidative Capacity, and Biogenesis in Muscle of Insulin-Resistant Mice. <i>Diabetes</i> , 2012, 61, 310-320.	0.6	173
250	Adoptive Transfer of siRNA Cblb-Silenced CD8+ T Lymphocytes Augments Tumor Vaccine Efficacy in a B16 Melanoma Model. <i>PLoS ONE</i> , 2012, 7, e44295.	2.5	51
251	ACE2 links amino acid malnutrition to microbial ecology and intestinal inflammation. <i>Nature</i> , 2012, 487, 477-481.	27.8	1,035
252	A mouse model to identify cooperating signaling pathways in cancer. <i>Nature Methods</i> , 2012, 9, 897-900.	19.0	15

#	ARTICLE	IF	CITATIONS
253	Angiotensin converting enzyme 2 abrogates bleomycin-induced lung injury. <i>Journal of Molecular Medicine</i> , 2012, 90, 637-647.	3.9	96
254	ACE2 Deficiency Enhances Angiotensin II-Mediated Aortic Profilin-1 Expression, Inflammation and Peroxynitrite Production. <i>PLoS ONE</i> , 2012, 7, e38502.	2.5	73
255	Complete cardiac regeneration in a mouse model of myocardial infarction. <i>Aging</i> , 2012, 4, 966-977.	3.1	214
256	Abstract 4880: Disruption of STAT3 signaling promotes K-Ras induced lung tumorigenesis. , 2012, , .		0
257	ACE2 Deficiency Augments Cerebrovascular Dysfunction during Aging. <i>FASEB Journal</i> , 2012, 26, lb651.	0.5	0
258	Loss of dexas1 Alters Nonphotic Circadian Phase Shifts and Reveals a Role for the Intergeniculate Leaflet (IGL) in Gene-Targeted Mice. <i>Chronobiology International</i> , 2011, 28, 553-562.	2.0	15
259	Essential Role of E3 Ubiquitin Ligase Activity in <i>Cbl-b</i> Regulated T Cell Functions. <i>Journal of Immunology</i> , 2011, 186, 2138-2147.	0.8	92
260	New gene functions in megakaryopoiesis and platelet formation. <i>Nature</i> , 2011, 480, 201-208.	27.8	401
261	491 Loss of Apelin exacerbates post-myocardial infarction remodeling and myocardial ischemia-reperfusion injury. <i>Canadian Journal of Cardiology</i> , 2011, 27, S240.	1.7	0
262	Coronin 1A is an essential regulator of the TGF β ² receptor/SMAD3 signaling pathway in Th17 CD4+ T cells. <i>Journal of Autoimmunity</i> , 2011, 37, 198-208.	6.5	33
263	Forward and Reverse Genetics through Derivation of Haploid Mouse Embryonic Stem Cells. <i>Cell Stem Cell</i> , 2011, 9, 563-574.	11.1	208
264	RANKL and RANK in sex hormone-induced breast cancer and breast cancer metastasis. <i>Trends in Endocrinology and Metabolism</i> , 2011, 22, 188-194.	7.1	49
265	Prevention of Angiotensin II-Mediated Renal Oxidative Stress, Inflammation, and Fibrosis by Angiotensin-Converting Enzyme 2. <i>Hypertension</i> , 2011, 57, 314-322.	2.7	200
266	Evidence for osteocyte regulation of bone homeostasis through RANKL expression. <i>Nature Medicine</i> , 2011, 17, 1231-1234.	30.7	1,593
267	The many roles of RANKL-RANK signaling in bone, breast and cancer. <i>IBMS BoneKEy</i> , 2011, 8, 237-256.	0.0	10
268	PI3K mediated electrotaxis of embryonic and adult neural progenitor cells in the presence of growth factors. <i>Experimental Neurology</i> , 2011, 227, 210-217.	4.1	104
269	TrpA1 Regulates Thermal Nociception in <i>Drosophila</i> . <i>PLoS ONE</i> , 2011, 6, e24343.	2.5	140
270	Cbl-b regulates airway mucosal tolerance to aeroallergen. <i>Clinical and Experimental Allergy</i> , 2011, 41, 434-442.	2.9	15

#	ARTICLE	IF	CITATIONS
271	The stress kinase MKK7 couples oncogenic stress to p53 stability and tumor suppression. <i>Nature Genetics</i> , 2011, 43, 212-219.	21.4	96
272	Telmisartan attenuates aortic hypertrophy in hypertensive rats by the modulation of ACE2 and profilin-1 expression. <i>Regulatory Peptides</i> , 2011, 166, 90-97.	1.9	99
273	RANKL/RANK "beyond bones. <i>Journal of Molecular Medicine</i> , 2011, 89, 647-656.	3.9	117
274	Recombinant Human Angiotensin-Converting Enzyme 2 as a New Renin-Angiotensin System Peptidase for Heart Failure Therapy. <i>Current Heart Failure Reports</i> , 2011, 8, 176-183.	3.3	62
275	Lineage-committed osteoclast precursors circulate in blood and settle down into bone. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 2978-2990.	2.8	92
276	Phosphatidylinositol-3-Kinase Gamma Plays a Central Role in Blood "Brain Barrier Dysfunction in Acute Experimental Stroke. <i>Stroke</i> , 2011, 42, 2033-2044.	2.0	60
277	Enhanced susceptibility to biomechanical stress in ACE2 null mice is prevented by loss of the p47phox NADPH oxidase subunit. <i>Cardiovascular Research</i> , 2011, 91, 151-161.	3.8	76
278	Variants in STAT5B Associate with Serum TC and LDL-C Levels. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E1496-E1501.	3.6	5
279	Gab2 Promotes Colony-Stimulating Factor 1-Regulated Macrophage Expansion via Alternate Effectors at Different Stages of Development. <i>Molecular and Cellular Biology</i> , 2011, 31, 4563-4581.	2.3	11
280	Lymphotoxin Signal Promotes Thymic Organogenesis by Eliciting RANK Expression in the Embryonic Thymic Stroma. <i>Journal of Immunology</i> , 2011, 186, 5047-5057.	0.8	81
281	Receptor activator of NF- κ B (RANK) stimulates the proliferation of epithelial cells of the epidermo-pilosebaceous unit. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5342-5347.	7.1	60
282	Monoglyceride Lipase Deficiency in Mice Impairs Lipolysis and Attenuates Diet-induced Insulin Resistance. <i>Journal of Biological Chemistry</i> , 2011, 286, 17467-17477.	3.4	224
283	Stress-Activated Protein Kinase MKK7 Regulates Axon Elongation in the Developing Cerebral Cortex. <i>Journal of Neuroscience</i> , 2011, 31, 16872-16883.	3.6	64
284	Osteoclasts are dispensable for hematopoietic stem cell maintenance and mobilization. <i>Journal of Experimental Medicine</i> , 2011, 208, 2761-2761.	8.5	0
285	Osteoclasts are dispensable for hematopoietic stem cell maintenance and mobilization. <i>Journal of Experimental Medicine</i> , 2011, 208, 2175-2181.	8.5	134
286	TNF Conference 2009: Beyond Bones " RANKL/RANK in the Immune System. <i>Advances in Experimental Medicine and Biology</i> , 2011, 691, 5-22.	1.6	8
287	RANK-RANKL Signaling. , 2011, , 3165-3168.		1
288	New and Highly Efficient Therapy for Treatment NPM-ALK Associated Lymphomas. <i>Blood</i> , 2011, 118, 1659-1659.	1.4	1

#	ARTICLE	IF	CITATIONS
289	Combining functional magnetic resonance imaging with mouse genomics: new options in pain research. <i>NeuroReport</i> , 2010, 21, 29-33.	1.2	16
290	Recombinant angiotensin-converting enzyme 2 improves pulmonary blood flow and oxygenation in lipopolysaccharide-induced lung injury in piglets. <i>Critical Care Medicine</i> , 2010, 38, 596-601.	0.9	96
291	Identification and functional analysis of endothelial tip cell-enriched genes. <i>Blood</i> , 2010, 116, 4025-4033.	1.4	379
292	Angiotensin-Converting Enzyme 2 (ACE2) in Disease Pathogenesis. <i>Circulation Journal</i> , 2010, 74, 405-410.	1.6	167
293	Cbl-b in T-cell activation. <i>Seminars in Immunopathology</i> , 2010, 32, 137-148.	6.1	46
294	Novel insights into the mechanisms mediating the local antihypertrophic effects of cardiac atrial natriuretic peptide: role of cGMP-dependent protein kinase and RGS2. <i>Basic Research in Cardiology</i> , 2010, 105, 583-595.	5.9	75
295	Trilogy of ACE2: A peptidase in the renin-angiotensin system, a SARS receptor, and a partner for amino acid transporters. , 2010, 128, 119-128.		400
296	Disruption of the growth hormone-Signal transducer and activator of transcription 5-Insulinlike growth factor 1 axis severely aggravates liver fibrosis in a mouse model of cholestasis. <i>Hepatology</i> , 2010, 51, 1319-1326.	7.3	48
297	Overexpression of the oncogenic signal transducer Gab2 occurs early in breast cancer development. <i>International Journal of Cancer</i> , 2010, 127, 1486-1492.	5.1	31
298	Negative regulation of <i>wnt11</i> expression by Jnk signaling during zebrafish gastrulation. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 1022-1037.	2.6	27
299	Spatial (Tbeta) expression in mature medullary thymic epithelial cells. <i>European Journal of Immunology</i> , 2010, 40, 530-538.	2.9	10
300	SHIP-1 inhibits CD95/APO-1/Fas-induced apoptosis in primary T lymphocytes and T leukemic cells by promoting CD95 glycosylation independently of its phosphatase activity. <i>Leukemia</i> , 2010, 24, 821-832.	7.2	46
301	Osteoclast differentiation factor RANKL controls development of progestin-driven mammary cancer. <i>Nature</i> , 2010, 468, 98-102.	27.8	507
302	Jun and JunD-dependent functions in cell proliferation and stress response. <i>Cell Death and Differentiation</i> , 2010, 17, 1409-1419.	11.2	44
303	Angiotensin-Converting Enzyme 2 Suppresses Pathological Hypertrophy, Myocardial Fibrosis, and Cardiac Dysfunction. <i>Circulation</i> , 2010, 122, 717-728.	1.6	383
304	Human Recombinant ACE2 Reduces the Progression of Diabetic Nephropathy. <i>Diabetes</i> , 2010, 59, 529-538.	0.6	264
305	Physiology and pathophysiology of the RANKL/RANK system. <i>Biological Chemistry</i> , 2010, 391, 1365-70.	2.5	41
306	The Alarmin Cytokine, High Mobility Group Box 1, Is Produced by Viable Cardiomyocytes and Mediates the Lipopolysaccharide-Induced Myocardial Dysfunction via a TLR4/Phosphatidylinositol 3-Kinase β Pathway. <i>Journal of Immunology</i> , 2010, 184, 1492-1498.	0.8	89

#	ARTICLE	IF	CITATIONS
307	Tumor necrosis factor induces matrix metalloproteinases in cardiomyocytes and cardiofibroblasts differentially via superoxide production in a PI3K β -dependent manner. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 298, C679-C692.	4.6	98
308	Loss of PI3K β Enhances cAMP-Dependent MMP Remodeling of the Myocardial N-Cadherin Adhesion Complexes and Extracellular Matrix in Response to Early Biomechanical Stress. <i>Circulation Research</i> , 2010, 107, 1275-1289.	4.5	50
309	Targeting the Degradation of Angiotensin II With Recombinant Angiotensin-Converting Enzyme 2. <i>Hypertension</i> , 2010, 55, 90-98.	2.7	273
310	Loss of PI3K β Enhances cAMP-Dependent MMP Remodeling of N-Cadherin Adhesion Complexes and Extracellular Matrix in Response to Biomechanical Stress. <i>Journal of Cardiac Failure</i> , 2010, 16, S9.	1.7	0
311	Angiotensin Converting Enzyme 2 Suppresses Pathological Hypertrophy, Myocardial Fibrosis and Diastolic Dysfunction. <i>Journal of Cardiac Failure</i> , 2010, 16, S16.	1.7	6
312	Phosphoinositide 3-kinase-gamma expression is upregulated in brain microglia and contributes to ischemia-induced microglial activation in acute experimental stroke. <i>Biochemical and Biophysical Research Communications</i> , 2010, 399, 458-464.	2.1	26
313	Drosophila Genome-wide Obesity Screen Reveals Hedgehog as a Determinant of Brown versus White Adipose Cell Fate. <i>Cell</i> , 2010, 140, 148-160.	28.9	336
314	A Global In Vivo Drosophila RNAi Screen Identifies NOT3 as a Conserved Regulator of Heart Function. <i>Cell</i> , 2010, 141, 142-153.	28.9	199
315	A Genome-wide Drosophila Screen for Heat Nociception Identifies $\hat{\pm}2\hat{1}^3$ as an Evolutionarily Conserved Pain Gene. <i>Cell</i> , 2010, 143, 628-638.	28.9	283
316	Electrical Activation of Wound-Healing Pathways. <i>Advances in Skin and Wound Care</i> , 2010, 1, 567-573.	1.0	44
317	Prkar1a is an osteosarcoma tumor suppressor that defines a molecular subclass in mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 3310-3325.	8.2	89
318	PI3K β Protects from Myocardial Ischemia and Reperfusion Injury through a Kinase-Independent Pathway. <i>PLoS ONE</i> , 2010, 5, e9350.	2.5	33
319	Reinforcement of Cancer Immunotherapy by Adoptive Transfer of Cblb-Deficient Cytotoxic T Lymphocytes Combined with a Dendritic Cell Vaccine. <i>Blood</i> , 2010, 116, 957-957.	1.4	0
320	Vav1 Regulates the Migration and Adhesion of Dendritic Cells. <i>Journal of Immunology</i> , 2009, 183, 310-318.	0.8	31
321	Genome-Wide RNAi Screen Identifies Genes Involved in Intestinal Pathogenic Bacterial Infection. <i>Science</i> , 2009, 325, 340-343.	12.6	277
322	The role of ACE2 in pulmonary diseases--relevance for the nephrologist. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 1362-1365.	0.7	26
323	Osteoimmunology in the aegean sea. Meeting report from the 2nd international conference on osteoimmunology: interactions of the immune and skeletal systems. <i>IBMS BoneKEy</i> , 2009, 6, 29-35.	0.0	0
324	PKC- $\hat{1}$, Modulates the Strength of T Cell Responses by Targeting Cbl-b for Ubiquitination and Degradation. <i>Science Signaling</i> , 2009, 2, ra30.	3.6	67

#	ARTICLE	IF	CITATIONS
325	PI3K β regulates cartilage damage in chronic inflammatory arthritis. <i>FASEB Journal</i> , 2009, 23, 4288-4298.	0.5	59
326	Loss of Angiotensin-Converting Enzyme 2 Accelerates Maladaptive Left Ventricular Remodeling in Response to Myocardial Infarction. <i>Circulation: Heart Failure</i> , 2009, 2, 446-455.	3.9	194
327	Blockage by SP600125 of Fc γ Receptor-Induced Degranulation and Cytokine Gene Expression in Mast Cells is Mediated Through Inhibition of Phosphatidylinositol 3-Kinase Signalling Pathway. <i>Journal of Biochemistry</i> , 2009, 145, 345-354.	1.7	31
328	Id2-, ROR γ t-, and LT β R-independent initiation of lymphoid organogenesis in ocular immunity. <i>Journal of Experimental Medicine</i> , 2009, 206, 2351-2364.	8.5	66
329	Novel Functions of RANK(L) Signaling in the Immune System. <i>Advances in Experimental Medicine and Biology</i> , 2009, 658, 77-94.	1.6	42
330	Lack of DREAM Protein Enhances Learning and Memory and Slows Brain Aging. <i>Current Biology</i> , 2009, 19, 54-60.	3.9	66
331	Lack of DREAM Protein Enhances Learning and Memory and Slows Brain Aging. <i>Current Biology</i> , 2009, 19, 1332.	3.9	0
332	Angiotensin-converting-enzyme 2 inhibits liver fibrosis in mice. <i>Hepatology</i> , 2009, 50, 929-938.	7.3	117
333	E3 ubiquitin ligases in T α cell tolerance. <i>European Journal of Immunology</i> , 2009, 39, 2337-2344.	2.9	16
334	SARS β coronavirus modulation of myocardial ACE2 expression and inflammation in patients with SARS. <i>European Journal of Clinical Investigation</i> , 2009, 39, 618-625.	3.4	732
335	ESCI award lecture: from a little mouse to rationale medicine for bone loss. <i>European Journal of Clinical Investigation</i> , 2009, 39, 842-850.	3.4	2
336	Central control of fever and female body temperature by RANKL/RANK. <i>Nature</i> , 2009, 462, 505-509.	27.8	212
337	Guidelines for the use and interpretation of assays for monitoring cell death in higher eukaryotes. <i>Cell Death and Differentiation</i> , 2009, 16, 1093-1107.	11.2	599
338	AIF: Not Just an Apoptosis β Inducing Factor. <i>Annals of the New York Academy of Sciences</i> , 2009, 1171, 2-11.	3.8	151
339	Prevention of angiotensin II-induced hypertension and cardiac remodeling by recombinant human angiotensin-converting enzyme 2 in mice. <i>International Journal of Cardiology</i> , 2009, 137, S131.	1.7	0
340	High Precision Quantitative Proteomics Using iTRAQ on an LTQ Orbitrap: A New Mass Spectrometric Method Combining the Benefits of All. <i>Journal of Proteome Research</i> , 2009, 8, 4743-4752.	3.7	158
341	Orphan Transporter SLC6A18 Is Renal Neutral Amino Acid Transporter BOAT3. <i>Journal of Biological Chemistry</i> , 2009, 284, 19953-19960.	3.4	48
342	Tissue-Specific Amino Acid Transporter Partners ACE2 and Collectrin Differentially Interact With Hartnup Mutations. <i>Gastroenterology</i> , 2009, 136, 872-882.e3.	1.3	239

#	ARTICLE	IF	CITATIONS
343	Identification of cell cycleâ€“arrested quiescent osteoclast precursors in vivo. <i>Journal of Cell Biology</i> , 2009, 184, 541-554.	5.2	144
344	Myeloid Differentiation Factor-88/Interleukin-1 Signaling Controls Cardiac Fibrosis and Heart Failure Progression in Inflammatory Dilated Cardiomyopathy. <i>Circulation Research</i> , 2009, 105, 912-920.	4.5	113
345	Response to â€“Angiotensin-converting enzyme 2 (ACE2) gene and protein expression in diabetic patients without nephropathyâ€™. <i>Kidney International</i> , 2009, 75, 1119.	5.2	0
346	RANK(L) as a Key Target for Controlling Bone Loss. <i>Advances in Experimental Medicine and Biology</i> , 2009, 647, 130-145.	1.6	32
347	RANKL/RANK as Key Factors for Osteoclast Development and Bone Loss in Arthropathies. <i>Advances in Experimental Medicine and Biology</i> , 2009, 649, 100-113.	1.6	40
348	Identification of cell cycleâ€“arrested quiescent osteoclast precursors in vivo. <i>Journal of Experimental Medicine</i> , 2009, 206, i5-i15.	8.5	0
349	Impaired Tâ€“cell development in the absence of Vav1 and Itk. <i>European Journal of Immunology</i> , 2008, 38, 3530-3542.	2.9	11
350	RANK/RANKL: Regulators of Immune Responses and Bone Physiology. <i>Annals of the New York Academy of Sciences</i> , 2008, 1143, 123-150.	3.8	355
351	The molecular archaeology of a mitochondrial death effector: AIF in <i>Drosophila</i> . <i>Cell Death and Differentiation</i> , 2008, 15, 1009-1018.	11.2	44
352	No death without life: vital functions of apoptotic effectors. <i>Cell Death and Differentiation</i> , 2008, 15, 1113-1123.	11.2	221
353	The discovery of angiotensinâ€“converting enzyme 2 and its role in acute lung injury in mice. <i>Experimental Physiology</i> , 2008, 93, 543-548.	2.0	284
354	Distinct roles for angiotensinâ€“converting enzyme 2 and carboxypeptidase A in the processing of angiotensins within the murine heart. <i>Experimental Physiology</i> , 2008, 93, 613-621.	2.0	56
355	Epidermal JunB represses G-CSF transcription and affects haematopoiesis and bone formation. <i>Nature Cell Biology</i> , 2008, 10, 1003-1011.	10.3	41
356	Antagonistic control of cell fates by JNK and p38-MAPK signaling. <i>Cell Death and Differentiation</i> , 2008, 15, 89-93.	11.2	75
357	The Tumor Necrosis Factor Family Receptors RANK and CD40 Cooperatively Establish the Thymic Medullary Microenvironment and Self-Tolerance. <i>Immunity</i> , 2008, 29, 423-437.	14.3	434
358	The Cytokine RANKL Produced by Positively Selected Thymocytes Fosters Medullary Thymic Epithelial Cells that Express Autoimmune Regulator. <i>Immunity</i> , 2008, 29, 438-450.	14.3	375
359	Identification of Oxidative Stress and Toll-like Receptor 4 Signaling as a Key Pathway of Acute Lung Injury. <i>Cell</i> , 2008, 133, 235-249.	28.9	1,164
360	Phosphatidylinositol-3-Kinase-Î³ Is Integral to Homing Functions of Progenitor Cells. <i>Circulation Research</i> , 2008, 102, 942-949.	4.5	53

#	ARTICLE	IF	CITATIONS
361	Angiotensin converting enzyme-2 confers endothelial protection and attenuates atherosclerosis. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H1377-H1384.	3.2	267
362	Loss of PTEN attenuates the development of pathological hypertrophy and heart failure in response to biomechanical stress. Cardiovascular Research, 2008, 78, 505-514.	3.8	107
363	Phosphatidylinositol 3-Kinase \hat{I}^3 Is a Critical Mediator of Myocardial Ischemic and Adenosine-Mediated Preconditioning. Circulation Research, 2008, 103, 643-653.	4.5	64
364	T-Cell Receptor-Induced NF- \hat{I}^B Activation Is Negatively Regulated by E3 Ubiquitin Ligase Cbl-b. Molecular and Cellular Biology, 2008, 28, 2470-2480.	2.3	85
365	Cell Type-Specific Regulation of ITAM-Mediated NF- \hat{I}^B Activation by the Adaptors, CARMA1 and CARD9. Journal of Immunology, 2008, 181, 918-930.	0.8	57
366	The phosphoinositide-3 kinase \hat{I}^3 Akt pathway mediates renal tubular injury in cisplatin nephrotoxicity. Kidney International, 2008, 73, 430-445.	5.2	64
367	Decreased glomerular and tubular expression of ACE2 in patients with type 2 diabetes and kidney disease. Kidney International, 2008, 74, 1610-1616.	5.2	209
368	Cardiac regulation by phosphoinositide 3-kinases and PTEN. Cardiovascular Research, 2008, 82, 250-260.	3.8	218
369	RANK/RANKL: Regulators of Immune Responses and Bone Physiology. , 2008, 1143, 123.		1
370	Abstract 4835: Angiotensin-Converting-Enzyme 2 (rhACE2) Potently Attenuates the Negative Hemodynamic Effects of Angiotensin II (ATII) and Improves Post-Myocardial Infarction (MI) Remodeling. Circulation, 2008, 118, .	1.6	0
371	Phosphatidylinositol 3-kinase facilitates bile acid-induced Ca ²⁺ responses in pancreatic acinar cells. American Journal of Physiology - Renal Physiology, 2007, 292, G875-G886.	3.4	47
372	Impaired Heart Contractility in Apelin Gene-Deficient Mice Associated With Aging and Pressure Overload. Circulation Research, 2007, 101, e32-42.	4.5	260
373	The Ubiquitin E3 Ligase Cbl-b in T Cells Tolerance and Tumor Immunity. Cell Cycle, 2007, 6, 2478-2485.	2.6	15
374	Increased Renal Responsiveness to Vasopressin and Enhanced V2 Receptor Signaling in RGS2 ^{-/-} Mice. Journal of the American Society of Nephrology: JASN, 2007, 18, 1672-1678.	6.1	34
375	Osteoprotegerin Reduces the Serum Level of Receptor Activator of NF- \hat{I}^B Ligand Derived from Osteoblasts. Journal of Immunology, 2007, 178, 192-200.	0.8	40
376	Leukocyte PI3K \hat{I}^3 and PI3K \hat{I}^1 have temporally distinct roles for leukocyte recruitment in vivo. Blood, 2007, 110, 1191-1198.	1.4	104
377	Regulation of peripheral T cell tolerance by the E3 ubiquitin ligase Cbl-b. Seminars in Immunology, 2007, 19, 206-214.	5.6	37
378	RANK signals from CD4 ⁺ 3 \hat{I}^+ inducer cells regulate development of Aire-expressing epithelial cells in the thymic medulla. Journal of Experimental Medicine, 2007, 204, 1267-1272.	8.5	434

#	ARTICLE	IF	CITATIONS
379	Targeted Deletion of AIF Decreases Mitochondrial Oxidative Phosphorylation and Protects from Obesity and Diabetes. <i>Cell</i> , 2007, 131, 476-491.	28.9	381
380	p110 ^β and p110 ^γ Phosphoinositide 3-Kinase Signaling Pathways Synergize to Control Development and Functions of Murine NK Cells. <i>Immunity</i> , 2007, 27, 214-227.	14.3	94
381	Loss of Angiotensin-Converting Enzyme-2 (Ace2) Accelerates Diabetic Kidney Injury. <i>American Journal of Pathology</i> , 2007, 171, 438-451.	3.8	235
382	Spontaneous tumor rejection by cbl-b ^{-/-} deficient CD8+ T cells. <i>Journal of Experimental Medicine</i> , 2007, 204, 879-891.	8.5	133
383	Angiotensin II-mediated oxidative stress and inflammation mediate the age-dependent cardiomyopathy in ACE2 null mice. <i>Cardiovascular Research</i> , 2007, 75, 29-39.	3.8	215
384	Control of cell polarity and motility by the PtdIns(3,4,5)P3 phosphatase SHIP1. <i>Nature Cell Biology</i> , 2007, 9, 36-44.	10.3	277
385	The adaptor protein CARD9 is essential for the activation of myeloid cells through ITAM-associated and Toll-like receptors. <i>Nature Immunology</i> , 2007, 8, 619-629.	14.5	300
386	The E3 ligase HACE1 is a critical chromosome 6q21 tumor suppressor involved in multiple cancers. <i>Nature Medicine</i> , 2007, 13, 1060-1069.	30.7	130
387	Cavitation of embryoid bodies requires optimal oxidative phosphorylation and AIF. <i>Cell Death and Differentiation</i> , 2007, 14, 385-387.	11.2	8
388	Phosphorylation and ubiquitination of the I κ B kinase complex by two distinct signaling pathways. <i>EMBO Journal</i> , 2007, 26, 1794-1805.	7.8	97
389	Can osteoclasts be excluded? (Reply). <i>Nature</i> , 2007, 445, E19-E20.	27.8	5
390	From T α cell activation signals to signaling control of anti-tumor immunity. <i>Immunological Reviews</i> , 2007, 220, 151-168.	6.0	69
391	Dendritic Cells at the Osteo-Immune Interface: Implications for Inflammation-Induced Bone Loss. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 775-780.	2.8	79
392	Angiotensin-converting enzyme 2 in acute respiratory distress syndrome. <i>Cellular and Molecular Life Sciences</i> , 2007, 64, 2006-2012.	5.4	124
393	Deficiency of Src homology 2 domain-containing inositol 5-phosphatase 1 affects platelet responses and thrombus growth. <i>Journal of Clinical Investigation</i> , 2007, 117, 944-952.	8.2	53
394	Cbl-b Deficiency Enhances Motility and Impairs Leukemogenesis by Bcr-Abl. <i>Blood</i> , 2007, 110, 1019-1019.	1.4	0
395	Loss of Angiotensin-Converting Enzyme-2 Leads to the Late Development of Angiotensin II-Dependent Glomerulosclerosis. <i>American Journal of Pathology</i> , 2006, 168, 1808-1820.	3.8	214
396	The renin-angiotensin system in acute respiratory distress syndrome. <i>Drug Discovery Today Disease Mechanisms</i> , 2006, 3, 225-229.	0.8	30

#	ARTICLE	IF	CITATIONS
397	Angiotensin-converting enzyme 2 in lung diseases. <i>Current Opinion in Pharmacology</i> , 2006, 6, 271-276.	3.5	342
398	RANKL—RANK signaling in osteoclastogenesis and bone disease. <i>Trends in Molecular Medicine</i> , 2006, 12, 17-25.	6.7	970
399	Epidermal RANKL controls regulatory T-cell numbers via activation of dendritic cells. <i>Nature Medicine</i> , 2006, 12, 1372-1379.	30.7	378
400	Regulation of cancer cell migration and bone metastasis by RANKL. <i>Nature</i> , 2006, 440, 692-696.	27.8	709
401	Electrical signals control wound healing through phosphatidylinositol-3-OH kinase- β and PTEN. <i>Nature</i> , 2006, 442, 457-460.	27.8	880
402	Essential role for collectrin in renal amino acid transport. <i>Nature</i> , 2006, 444, 1088-1091.	27.8	208
403	Dissociating the dual roles of apoptosis-inducing factor in maintaining mitochondrial structure and apoptosis. <i>EMBO Journal</i> , 2006, 25, 4061-4073.	7.8	175
404	Lessons from SARS: control of acute lung failure by the SARS receptor ACE2. <i>Journal of Molecular Medicine</i> , 2006, 84, 814-820.	3.9	120
405	Distribution of Angiotensin-(1-7) and ACE2 in Human Placentas of Normal and Pathological Pregnancies. <i>Placenta</i> , 2006, 27, 200-207.	1.5	217
406	Evolution of the mammary gland from the innate immune system?. <i>BioEssays</i> , 2006, 28, 606-616.	2.5	136
407	The Molecular Gatekeeper Dexras1 Sculpts the Photic Responsiveness of the Mammalian Circadian Clock. <i>Journal of Neuroscience</i> , 2006, 26, 12984-12995.	3.6	57
408	Osteoblasts Provide a Suitable Microenvironment for the Action of Receptor Activator of Nuclear Factor- κ B Ligand. <i>Endocrinology</i> , 2006, 147, 3366-3374.	2.8	60
409	Insulin-Like Growth Factor-1 and PTEN Deletion Enhance Cardiac L-Type Ca ²⁺ Currents via Increased PI3K β /PKB Signaling. <i>Circulation Research</i> , 2006, 98, 1390-1397.	4.5	67
410	Loss of Aif function causes cell death in the mouse embryo, but the temporal progression of patterning is normal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 9918-9923.	7.1	94
411	Receptor Activator of NF- κ B Ligand Regulates the Proliferation of Mammary Epithelial Cells via Id2. <i>Molecular and Cellular Biology</i> , 2006, 26, 1002-1013.	2.3	105
412	T-bet negatively regulates autoimmune myocarditis by suppressing local production of interleukin 17. <i>Journal of Experimental Medicine</i> , 2006, 203, 2009-2019.	8.5	241
413	The Biochemical Mechanisms of T-Cell Anergy. <i>Current Immunology Reviews</i> , 2006, 2, 73-99.	1.2	0
414	MyD88 Signaling Controls Autoimmune Myocarditis Induction. <i>Circulation</i> , 2006, 113, 258-265.	1.6	78

#	ARTICLE	IF	CITATIONS
415	Receptor Activator of NF- κ B Ligand and Osteoprotegerin Regulate Proinflammatory Cytokine Production in Mice. <i>Journal of Immunology</i> , 2006, 177, 3799-3805.	0.8	102
416	Up-regulation of Endogenous RGS2 Mediates Cross-desensitization between Gs and Gq Signaling in Osteoblasts. <i>Journal of Biological Chemistry</i> , 2006, 281, 32684-32693.	3.4	57
417	Immune Interactions with CD4+ T Cells Promote the Development of Functional Osteoclasts from Murine CD11c+ Dendritic Cells. <i>Journal of Immunology</i> , 2006, 177, 3314-3326.	0.8	131
418	Angiotensin-Converting Enzyme II in the Heart and the Kidney. <i>Circulation Research</i> , 2006, 98, 463-471.	4.5	239
419	The role of endothelial PI3K β activity in neutrophil trafficking. <i>Blood</i> , 2005, 106, 150-157.	1.4	169
420	Spinophilin regulates Ca ²⁺ signalling by binding the N-terminal domain of RGS2 and the third intracellular loop of G-protein-coupled receptors. <i>Nature Cell Biology</i> , 2005, 7, 405-411.	10.3	138
421	The molecular scaffold Gab2 is a crucial component of RANK signaling and osteoclastogenesis. <i>Nature Medicine</i> , 2005, 11, 394-399.	30.7	169
422	A crucial role of angiotensin converting enzyme 2 (ACE2) in SARS coronavirus-induced lung injury. <i>Nature Medicine</i> , 2005, 11, 875-879.	30.7	2,986
423	Immunity by ubiquitylation: a reversible process of modification. <i>Nature Reviews Immunology</i> , 2005, 5, 941-952.	22.7	224
424	Angiotensin-converting enzyme 2 protects from severe acute lung failure. <i>Nature</i> , 2005, 436, 112-116.	27.8	2,264
425	Developmentally regulated expression of the regulator of G-protein signaling gene 2 (Rgs2) in the embryonic mouse pituitary. <i>Gene Expression Patterns</i> , 2005, 5, 305-311.	0.8	12
426	Mutant meiotic chromosome core components in mice can cause apparent sexual dimorphic endpoints at prophase or X ^Y defective male-specific sterility. <i>Chromosoma</i> , 2005, 114, 92-102.	2.2	57
427	Regulation of anaphylactic responses by phosphatidylinositol phosphate kinase type I β . <i>Journal of Experimental Medicine</i> , 2005, 201, 859-870.	8.5	55
428	Differential Control of CD28-Regulated In Vivo Immunity by the E3 Ligase Cbl-b. <i>Journal of Immunology</i> , 2005, 174, 1472-1478.	0.8	41
429	Cardiac Sarcoplasmic Reticulum Calcium Release and Load Are Enhanced by Subcellular cAMP Elevations in PI3K β -Deficient Mice. <i>Circulation Research</i> , 2005, 96, 1079-1086.	4.5	30
430	Muscle-Specific Loss of Apoptosis-Inducing Factor Leads to Mitochondrial Dysfunction, Skeletal Muscle Atrophy, and Dilated Cardiomyopathy. <i>Molecular and Cellular Biology</i> , 2005, 25, 10261-10272.	2.3	208
431	G(-) Anaerobes-Reactive CD4+ T-Cells Trigger RANKL-Mediated Enhanced Alveolar Bone Loss in Diabetic NOD Mice. <i>Diabetes</i> , 2005, 54, 1477-1486.	0.6	90
432	Distinct functions of junD in cardiac hypertrophy and heart failure. <i>Genes and Development</i> , 2005, 19, 208-213.	5.9	44

#	ARTICLE	IF	CITATIONS
433	A novel model for pathogenesis of autoimmune heart failure: The role of dendritic cells. International Congress Series, 2005, 1285, 192-201.	0.2	0
434	Autoimmune heart failure: new understandings of pathogenesis. International Journal of Biochemistry and Cell Biology, 2005, 37, 27-32.	2.8	42
435	The Role of Endothelial PI3K ^{Î³} Activity in Neutrophil Trafficking.. Blood, 2005, 106, 3891-3891.	1.4	0
436	Phosphatidylinositol 3-kinase regulates Ca ²⁺ signaling in pancreatic acinar cells through inhibition of sarco(endo)plasmic reticulum Ca ²⁺ -ATPase. American Journal of Physiology - Renal Physiology, 2004, 287, G1200-G1212.	3.4	26
437	Stress Kinase MKK7: Saviour of Cell Cycle Arrest and Cellular Senescence. Cell Cycle, 2004, 3, 575-577.	2.6	11
438	NF-Î²B and p53 Are the Dominant Apoptosis-inducing Transcription Factors Elicited by the HIV-1 Envelope. Journal of Experimental Medicine, 2004, 199, 629-640.	8.5	116
439	DREAMing about arthritic pain. Annals of the Rheumatic Diseases, 2004, 63, ii72-ii75.	0.9	14
440	Essential Role of LFA-1 in Activating Th2-Like Responses by Î±-Galactosylceramide-Activated NKT Cells. Journal of Immunology, 2004, 173, 4976-4984.	0.8	17
441	The Molecular Adapter Carma1 Controls Entry of Î²B Kinase into the Central Immune Synapse. Journal of Experimental Medicine, 2004, 200, 1167-1177.	8.5	85
442	Cutting Edge: Differential Roles for Phosphoinositide 3-Kinases, p110Î³ and p110Î´, in Lymphocyte Chemotaxis and Homing. Journal of Immunology, 2004, 173, 2236-2240.	0.8	217
443	Role of Regulator of G Protein Signaling 2 (RGS2) in Ca ²⁺ Oscillations and Adaptation of Ca ²⁺ Signaling to Reduce Excitability of RGS2-Expressing Cells. Journal of Biological Chemistry, 2004, 279, 41642-41649.	3.4	36
444	IL-10 Induces Regulatory T Cell Apoptosis by Up-Regulation of the Membrane Form of TNF-Î±. Journal of Immunology, 2004, 172, 1028-1035.	0.8	37
445	Stress Induces Mitochondria-mediated Apoptosis Independent of SAPK/JNK Activation in Embryonic Stem Cells. Journal of Biological Chemistry, 2004, 279, 1621-1626.	3.4	21
446	Differential expression of a novel ankyrin containing E3 ubiquitin-protein ligase, Hace1, in sporadic Wilms' tumor versus normal kidney. Human Molecular Genetics, 2004, 13, 2061-2074.	2.9	100
447	DREAM ablation selectively alters THC place aversion and analgesia but leaves intact the motivational and analgesic effects of morphine. European Journal of Neuroscience, 2004, 19, 3033-3041.	2.6	36
448	MKK7 couples stress signalling to G2/M cell-cycle progression and cellular senescence. Nature Cell Biology, 2004, 6, 215-226.	10.3	134
449	Hypertension with a grain of salt. Nature Medicine, 2004, 10, 1163-1164.	30.7	6
450	TCR affinity and negative regulation limit autoimmunity. Nature Medicine, 2004, 10, 1234-1239.	30.7	138

#	ARTICLE	IF	CITATIONS
451	AIF deficiency compromises oxidative phosphorylation. <i>EMBO Journal</i> , 2004, 23, 4679-4689.	7.8	576
452	AIF and cyclophilin A cooperate in apoptosis-associated chromatinolysis. <i>Oncogene</i> , 2004, 23, 1514-1521.	5.9	254
453	Mitogen-activated protein kinases in apoptosis regulation. <i>Oncogene</i> , 2004, 23, 2838-2849.	5.9	1,361
454	What's new in the renin-angiotensin system?. <i>Cellular and Molecular Life Sciences</i> , 2004, 61, 2714-2719.	5.4	35
455	Phosphatidylinositide 3-kinase $\hat{3}$ regulates key pathologic responses to cholecystokinin in pancreatic acinar cells. <i>Gastroenterology</i> , 2004, 126, 554-566.	1.3	79
456	Mechanisms of autoimmune heart disease. <i>Drug Discovery Today Disease Mechanisms</i> , 2004, 1, 283-288.	0.8	3
457	Models of autoimmune heart disease. <i>Drug Discovery Today: Disease Models</i> , 2004, 1, 411-416.	1.2	0
458	Negative regulation of T cell receptor signals. <i>Current Opinion in Pharmacology</i> , 2004, 4, 415-422.	3.5	21
459	RGS14 Is a Mitotic Spindle Protein Essential from the First Division of the Mammalian Zygote. <i>Developmental Cell</i> , 2004, 7, 763-769.	7.0	59
460	The role of phosphoinositide-3 kinase and PTEN in cardiovascular physiology and disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2004, 37, 449-471.	1.9	413
461	Dexas1 Potentiates Photic and Suppresses Nonphotic Responses of the Circadian Clock. <i>Neuron</i> , 2004, 43, 715-728.	8.1	101
462	Essential Role of the E3 Ubiquitin Ligase Cbl-b in T Cell Anergy Induction. <i>Immunity</i> , 2004, 21, 167-177.	14.3	308
463	DISTRIBUTION OF ANGIOTENSIN-(1-7) AND ACE2 IN HUMAN PLACENTA OF EARLY AND TERM NORMOTENSIVE PREGNANCY AND PREECLAMPSIA. <i>Journal of Hypertension</i> , 2004, 22, S65.	0.5	1
464	A story of two ACEs. <i>Journal of Molecular Medicine</i> , 2003, 81, 227-234.	3.9	69
465	The Role of ACE2 in Cardiovascular Physiology. <i>Trends in Cardiovascular Medicine</i> , 2003, 13, 93-101.	4.9	232
466	Weak agonist self-peptides promote selection and tuning of virus-specific T cells. <i>European Journal of Immunology</i> , 2003, 33, 685-696.	2.9	19
467	Mitochondria, AIF and caspases "rivaling for cell death execution. <i>Nature Cell Biology</i> , 2003, 5, 97-99.	10.3	186
468	Dendritic cell-induced autoimmune heart failure requires cooperation between adaptive and innate immunity. <i>Nature Medicine</i> , 2003, 9, 1484-1490.	30.7	404

#	ARTICLE	IF	CITATIONS
469	Phosphatidylinositide 3-kinase (PI3K) gamma regulates key pathologic responses to CCK in the pancreatic acinar cell. <i>Gastroenterology</i> , 2003, 124, A500.	1.3	0
470	Identifying the MAGUK Protein Carma-1 as a Central Regulator of Humoral Immune Responses and Atopy by Genome-Wide Mouse Mutagenesis. <i>Immunity</i> , 2003, 18, 751-762.	14.3	283
471	The MAGUK Family Protein CARD11 Is Essential for Lymphocyte Activation. <i>Immunity</i> , 2003, 18, 763-775.	14.3	317
472	The protective role of ACE2 in hypertension. <i>American Journal of Hypertension</i> , 2003, 16, A23.	2.0	4
473	Essential Role of Fkbp6 in Male Fertility and Homologous Chromosome Pairing in Meiosis. <i>Science</i> , 2003, 300, 1291-1295.	12.6	200
474	Preferential Signaling and Induction of Allergy-promoting Lymphokines Upon Weak Stimulation of the High Affinity IgE Receptor on Mast Cells. <i>Journal of Experimental Medicine</i> , 2003, 197, 1453-1465.	8.5	137
475	Phosphoinositide 3-Kinase Deficient Mice Are Protected From Isoproterenol-Induced Heart Failure. <i>Circulation</i> , 2003, 108, 2147-2152.	1.6	155
476	Different Properties of SEK1 and MKK7 in Dual Phosphorylation of Stress-induced Activated Protein Kinase SAPK/JNK in Embryonic Stem Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 16595-16601.	3.4	65
477	Activation of Dendritic Cells through the Interleukin 1 Receptor 1 Is Critical for the Induction of Autoimmune Myocarditis. <i>Journal of Experimental Medicine</i> , 2003, 197, 323-331.	8.5	145
478	IL-1 Receptor-Associated Kinase 4 Is Essential for IL-18-Mediated NK and Th1 Cell Responses. <i>Journal of Immunology</i> , 2003, 170, 4031-4035.	0.8	62
479	The Hemopoietic Rho/Rac Guanine Nucleotide Exchange Factor Vav1 Regulates N-Formyl-Methionyl-Leucyl-Phenylalanine-Activated Neutrophil Functions. <i>Journal of Immunology</i> , 2003, 171, 4425-4430.	0.8	76
480	Enhanced Renal Immunocytochemical Expression of ANG-(1-7) and ACE2 During Pregnancy. <i>Hypertension</i> , 2003, 42, 749-753.	2.7	128
481	When the DREAM is gone: from basic science to future perspectives in pain management and beyond. <i>Expert Opinion on Therapeutic Targets</i> , 2003, 7, 249-263.	3.4	9
482	IL-1R-Associated Kinase 4 Is Required for Lipopolysaccharide- Induced Activation of APC. <i>Journal of Immunology</i> , 2003, 171, 6065-6071.	0.8	39
483	Cbl-3-Deficient Mice Exhibit Normal Epithelial Development. <i>Molecular and Cellular Biology</i> , 2003, 23, 7708-7718.	2.3	45
484	CD45 Regulated Signaling Pathways. <i>Current Topics in Medicinal Chemistry</i> , 2003, 3, 783-796.	2.1	53
485	RANKL and RANK as novel therapeutic targets for arthritis. <i>Current Opinion in Rheumatology</i> , 2003, 15, 280-287.	4.3	77
486	SH2-containing inositol 5-phosphatases 1 and 2 in blood platelets: their interactions and roles in the control of phosphatidylinositol 3,4,5-trisphosphate levels. <i>Biochemical Journal</i> , 2003, 376, 199-207.	3.7	70

#	ARTICLE	IF	CITATIONS
487	Hypertension and prolonged vasoconstrictor signaling in RGS2-deficient mice. <i>Journal of Clinical Investigation</i> , 2003, 111, 445-452.	8.2	254
488	P1175 Mitochondrial cardiomyopathy in mice overexpressing fra-1 and lacking junD. <i>European Heart Journal</i> , 2003, 24, 218.	2.2	0
489	Chemosensitization by a non-apoptogenic heat shock protein 70-binding apoptosis-inducing factor mutant. <i>Cancer Research</i> , 2003, 63, 8233-40.	0.9	81
490	Requirement of Phosphatidylinositol 3-Kinase Activation and Calcium Influx for Leukotriene B4-induced Enzyme Release. <i>Journal of Biological Chemistry</i> , 2002, 277, 44898-44904.	3.4	41
491	Osteoprotegerin Ligand Induces \hat{I}^2 -Casein Gene Expression through the Transcription Factor CCAAT/Enhancer-binding Protein \hat{I}^2 . <i>Journal of Biological Chemistry</i> , 2002, 277, 5339-5344.	3.4	20
492	Transcriptional mechanisms underlying neuropathic pain: DREAM, transcription factors and future pain management?. <i>Expert Review of Neurotherapeutics</i> , 2002, 2, 677-689.	2.8	15
493	Essential Role of the Adhesion Receptor LFA-1 for T Cell-Dependent Fulminant Hepatitis. <i>Journal of Immunology</i> , 2002, 169, 7087-7096.	0.8	26
494	ADAP-ting TCR Signaling to Integrins. <i>Science Signaling</i> , 2002, 2002, re3-re3.	3.6	11
495	Phosphoinositide 3-Kinases in Inunimity: Lessons from Knockout Mice. <i>Journal of Biochemistry</i> , 2002, 131, 495-501.	1.7	45
496	SEK1/MKK4-Mediated SAPK/JNK Signaling Participates in Embryonic Hepatoblast Proliferation via a Pathway Different from NF- \hat{I}^B -Induced Anti-Apoptosis. <i>Developmental Biology</i> , 2002, 250, 332-347.	2.0	110
497	RANK-L and RANK: T Cells, Bone Loss, and Mammalian Evolution. <i>Annual Review of Immunology</i> , 2002, 20, 795-823.	21.8	741
498	DREAM Is a Critical Transcriptional Repressor for Pain Modulation. <i>Cell</i> , 2002, 108, 31-43.	28.9	274
499	Regulation of Myocardial Contractility and Cell Size by Distinct PI3K-PTEN Signaling Pathways. <i>Cell</i> , 2002, 110, 737-749.	28.9	545
500	Vav1 Controls Integrin Clustering and MHC/Peptide-Specific Cell Adhesion to Antigen-Presenting Cells. <i>Immunity</i> , 2002, 16, 331-343.	14.3	179
501	Genetic analysis of the mammalian cell death machinery. <i>Trends in Genetics</i> , 2002, 18, 142-149.	6.7	124
502	Just the Beginning: Novel Functions for Angiotensin-Converting Enzymes. <i>Current Biology</i> , 2002, 12, R745-R752.	3.9	118
503	The role of LFA-1 in osteoclast development induced by co-cultures of mouse bone marrow cells and MC3T3-G2/PA6 cells. <i>Journal of Periodontal Research</i> , 2002, 37, 184-191.	2.7	21
504	Communication between the TCR and integrins: role of the molecular adapter ADAP/Fyb/Slap. <i>Current Opinion in Immunology</i> , 2002, 14, 317-322.	5.5	63

#	ARTICLE	IF	CITATIONS
505	The C-terminal moiety of HIV-1 Vpr induces cell death via a caspase-independent mitochondrial pathway. <i>Cell Death and Differentiation</i> , 2002, 9, 1212-1219.	11.2	78
506	Angiotensin-converting enzyme 2 is an essential regulator of heart function. <i>Nature</i> , 2002, 417, 822-828.	27.8	1,586
507	Severe impairment of interleukin-1 and Toll-like receptor signalling in mice lacking IRAK-4. <i>Nature</i> , 2002, 416, 750-754.	27.8	766
508	The crystal structure of the mouse apoptosis-inducing factor AIF. <i>Nature Structural Biology</i> , 2002, 9, 442-446.	9.7	163
509	SEK1/MKK4-Mediated SAPK/JNK Signaling Participates in Embryonic Hepatoblast Proliferation via a Pathway Different from NF- κ B-Induced Anti-Apoptosis. <i>Developmental Biology</i> , 2002, 250, 332-347.	2.0	14
510	Enhanced ERK-1/2 activation in mice susceptible to coxsackievirus-induced myocarditis. <i>Journal of Clinical Investigation</i> , 2002, 109, 1561-1569.	8.2	79
511	Enhanced ERK-1/2 activation in mice susceptible to coxsackievirus-induced myocarditis. <i>Journal of Clinical Investigation</i> , 2002, 109, 1561-1569.	8.2	56
512	Enhanced ERK-1/2 activation in mice susceptible to coxsackievirus-induced myocarditis. <i>Journal of Clinical Investigation</i> , 2002, 109, 1561-1569.	8.2	11
513	SEK1/MKK4-mediated SAPK/JNK signaling participates in embryonic hepatoblast proliferation via a pathway different from NF-kappaB-induced anti-apoptosis. <i>Developmental Biology</i> , 2002, 250, 332-47.	2.0	28
514	Positive Regulation of T Cell Activation and Integrin Adhesion by the Adapter Fyb/Slap. <i>Science</i> , 2001, 293, 2260-2263.	12.6	278
515	New insights into the transmembrane protein tyrosine phosphatase CD45. <i>International Journal of Biochemistry and Cell Biology</i> , 2001, 33, 1041-1046.	2.8	42
516	T Cell-Specific Loss of Pten Leads to Defects in Central and Peripheral Tolerance. <i>Immunity</i> , 2001, 14, 523-534.	14.3	524
517	STEM CELLS: PTEN--Coupling Tumor Suppression to Stem Cells?. <i>Science</i> , 2001, 294, 2116-2118.	12.6	20
518	CD45: new jobs for an old acquaintance. <i>Nature Immunology</i> , 2001, 2, 389-396.	14.5	264
519	Heat-shock protein 70 antagonizes apoptosis-inducing factor. <i>Nature Cell Biology</i> , 2001, 3, 839-843.	10.3	790
520	The lipid phosphatase SHIP2 controls insulin sensitivity. <i>Nature</i> , 2001, 409, 92-97.	27.8	355
521	ICOS is essential for effective T-helper-cell responses. <i>Nature</i> , 2001, 409, 105-109.	27.8	629
522	CD45 is a JAK phosphatase and negatively regulates cytokine receptor signalling. <i>Nature</i> , 2001, 409, 349-354.	27.8	501

#	ARTICLE	IF	CITATIONS
523	Essential role of the mitochondrial apoptosis-inducing factor in programmed cell death. <i>Nature</i> , 2001, 410, 549-554.	27.8	1,212
524	Knockout mice: a paradigm shift in modern immunology. <i>Nature Reviews Immunology</i> , 2001, 1, 11-19.	22.7	53
525	Molecular controls of antigen receptor clustering and autoimmunity. <i>Trends in Cell Biology</i> , 2001, 11, 212-220.	7.9	56
526	Dominant cell death induction by extramitochondrially targeted apoptosis-inducing factor. <i>FASEB Journal</i> , 2001, 15, 758-767.	0.5	226
527	A Specific Role of Phosphatidylinositol 3-Kinase β . <i>Journal of Cell Biology</i> , 2001, 152, 717-728.	5.2	55
528	NADH Oxidase Activity of Mitochondrial Apoptosis-inducing Factor. <i>Journal of Biological Chemistry</i> , 2001, 276, 16391-16398.	3.4	344
529	Calcium-regulated DNA Binding and Oligomerization of the Neuronal Calcium-sensing Protein, Calsenilin/DREAM/KChIP3. <i>Journal of Biological Chemistry</i> , 2001, 276, 41005-41013.	3.4	116
530	Impaired Synergistic Activation of Stress-activated Protein Kinase SAPK/JNK in Mouse Embryonic Stem Cells Lacking SEK1/MKK4. <i>Journal of Biological Chemistry</i> , 2001, 276, 30892-30897.	3.4	60
531	The Stress Kinase Mitogen-Activated Protein Kinase Kinase (Mkk)7 Is a Negative Regulator of Antigen Receptor and Growth Factor Receptor-Induced Proliferation in Hematopoietic Cells. <i>Journal of Experimental Medicine</i> , 2001, 194, 757-768.	8.5	56
532	Involvement of Phosphoinositide 3-Kinases in Neutrophil Activation and the Development of Acute Lung Injury. <i>Journal of Immunology</i> , 2001, 167, 6601-6608.	0.8	181
533	X Protein of Hepatitis B Virus Inhibits Fas-mediated Apoptosis and Is Associated with Up-regulation of the SAPK/JNK Pathway. <i>Journal of Biological Chemistry</i> , 2001, 276, 8328-8340.	3.4	149
534	Temporally Regulated and Tissue-Specific Gene Manipulations in the Adult and Embryonic Heart Using a Tamoxifen-Inducible Cre Protein. <i>Circulation Research</i> , 2001, 89, 20-25.	4.5	593
535	KNOCKOUT MICE: A PARADIGM SHIFT IN MODERN IMMUNOLOGY. <i>Nature Reviews Immunology</i> , 2001, 1, 11-19.	22.7	57
536	Adhesion mediated by LFA-1 is required for efficient IL-12-induced NK and NKT cell cytotoxicity. <i>European Journal of Immunology</i> , 2000, 30, 3723-3731.	2.9	46
537	Osteoprotegerin ligand: a regulator of immune responses and bone physiology. <i>Trends in Immunology</i> , 2000, 21, 495-502.	7.5	153
538	The tyrosine kinase p56lck is essential in coxsackievirus B3-mediated heart disease. <i>Nature Medicine</i> , 2000, 6, 429-434.	30.7	156
539	“Catching heart disease”: Antigenic mimicry and bacterial infections. <i>Nature Medicine</i> , 2000, 6, 841-842.	30.7	13
540	Negative regulation of lymphocyte activation and autoimmunity by the molecular adaptor Cbl-b. <i>Nature</i> , 2000, 403, 211-216.	27.8	623

#	ARTICLE	IF	CITATIONS
541	Colorectal carcinomas in mice lacking the catalytic subunit of PI(3)K ^β . <i>Nature</i> , 2000, 406, 897-902.	27.8	102
542	Molecular control of bone remodeling and osteoporosis. <i>Experimental Gerontology</i> , 2000, 35, 947-956.	2.8	82
543	Mitochondrial nuclear translocation of AIF in apoptosis and necrosis. <i>FASEB Journal</i> , 2000, 14, 729-739.	0.5	723
544	Two Distinct Pathways Leading to Nuclear Apoptosis. <i>Journal of Experimental Medicine</i> , 2000, 192, 571-580.	8.5	665
545	Regulation of T cell activation, anxiety, and male aggression by RGS2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 12272-12277.	7.1	264
546	Review of Microbial Infections and the Immune Response to Cardiac Antigens. <i>Journal of Infectious Diseases</i> , 2000, 181, S498-S504.	4.0	36
547	Apoptosis Control in Syncytia Induced by the HIV Type 1 Envelope Glycoprotein Complex. <i>Journal of Experimental Medicine</i> , 2000, 192, 1081-1092.	8.5	217
548	Cbl-b Is a Negative Regulator of Receptor Clustering and Raft Aggregation in T Cells. <i>Immunity</i> , 2000, 13, 463-473.	14.3	205
549	The Osteoclast Differentiation Factor Osteoprotegerin-Ligand Is Essential for Mammary Gland Development. <i>Cell</i> , 2000, 103, 41-50.	28.9	674
550	Function of PI3K ^β in Thymocyte Development, T Cell Activation, and Neutrophil Migration. <i>Science</i> , 2000, 287, 1040-1046.	12.6	1,003
551	Functional human T-cell immunity and osteoprotegerin ligand control alveolar bone destruction in periodontal infection. <i>Journal of Clinical Investigation</i> , 2000, 106, R59-R67.	8.2	431
552	Susceptibility to Myocarditis Is Dependent on the Response of $\hat{I}\hat{I}^2$ T Lymphocytes to Coxsackieviral Infection. <i>Circulation Research</i> , 1999, 85, 551-558.	4.5	182
553	Generation of Humanized Mice Susceptible to Peptide-Induced Inflammatory Heart Disease. <i>Circulation</i> , 1999, 99, 1885-1891.	1.6	43
554	Antigen Receptor-Induced Activation and Cytoskeletal Rearrangement Are Impaired in Wiskott-Aldrich Syndrome Protein-Deficient Lymphocytes. <i>Journal of Experimental Medicine</i> , 1999, 190, 1329-1342.	8.5	346
555	Tissue Expression and Immunolocalization of Tumor Necrosis Factor- $\hat{I}\hat{I}$ in Postinfarction Dysfunctional Myocardium. <i>Circulation</i> , 1999, 99, 1492-1498.	1.6	353
556	The Cyclin-dependent Kinase Cdk2 Regulates Thymocyte Apoptosis. <i>Journal of Experimental Medicine</i> , 1999, 189, 957-968.	8.5	99
557	Osteoprotegerin ligand: A common link between osteoclastogenesis, lymph node formation and lymphocyte development. <i>Immunology and Cell Biology</i> , 1999, 77, 188-193.	2.3	123
558	Activated T cells regulate bone loss and joint destruction in adjuvant arthritis through osteoprotegerin ligand. <i>Nature</i> , 1999, 402, 43-47.	27.8	119

#	ARTICLE	IF	CITATIONS
559	OPGL is a key regulator of osteoclastogenesis, lymphocyte development and lymph-node organogenesis. <i>Nature</i> , 1999, 397, 315-323.	27.8	3,093
560	Molecular characterization of mitochondrial apoptosis-inducing factor. <i>Nature</i> , 1999, 397, 441-446.	27.8	3,697
561	Activated T cells regulate bone loss and joint destruction in adjuvant arthritis through osteoprotegerin ligand. <i>Nature</i> , 1999, 402, 304-309.	27.8	1,809
562	Apoptosis inducing factor (AIF): a phylogenetically old, caspase-independent effector of cell death. <i>Cell Death and Differentiation</i> , 1999, 6, 516-524.	11.2	452
563	cbl-3: a new mammalian cbl family protein. <i>Oncogene</i> , 1999, 18, 3365-3375.	5.9	107
564	The oncogene product Vav is a crucial regulator of primary cytotoxic T cell responses but has no apparent role in CD28-mediated co-stimulation. <i>European Journal of Immunology</i> , 1999, 29, 1709-1718.	2.9	35
565	<i>Chlamydia</i> Infections and Heart Disease Linked Through Antigenic Mimicry. <i>Science</i> , 1999, 283, 1335-1339.	12.6	430
566	The Actin Cytoskeleton and Lymphocyte Activation. <i>Cell</i> , 1999, 96, 9-12.	28.9	205
567	SHIP is a negative regulator of growth factor receptor-mediated PKB/Akt activation and myeloid cell survival. <i>Genes and Development</i> , 1999, 13, 786-791.	5.9	306
568	TRAF6 deficiency results in osteopetrosis and defective interleukin-1, CD40, and LPS signaling. <i>Genes and Development</i> , 1999, 13, 1015-1024.	5.9	1,146
569	The oncogene product Vav is a crucial regulator of primary cytotoxic T cell responses but has no apparent role in CD28-mediated co-stimulation. <i>European Journal of Immunology</i> , 1999, 29, 1709-1718.	2.9	1
570	Thymocyte selection in Vav and IRF-1 gene-deficient mice. <i>Immunological Reviews</i> , 1998, 165, 149-166.	6.0	9
571	Vav is a regulator of cytoskeletal reorganization mediated by the T-cell receptor. <i>Current Biology</i> , 1998, 8, 554-53.	3.9	414
572	Thymic heterotypic cellular complexes in gene-targeted mice with defined blocks in T cell development and adhesion molecule expression. <i>European Journal of Immunology</i> , 1998, 28, 2882-2892.	2.9	9
573	The Transcription Factor NF-ATc1 Regulates Lymphocyte Proliferation and Th2 Cytokine Production. <i>Immunity</i> , 1998, 8, 115-124.	14.3	314
574	Differential Requirement for Caspase 9 in Apoptotic Pathways In Vivo. <i>Cell</i> , 1998, 94, 339-352.	28.9	1,224
575	Apaf1 Is Required for Mitochondrial Pathways of Apoptosis and Brain Development. <i>Cell</i> , 1998, 94, 739-750.	28.9	1,072
576	Negative Regulation of PKB/Akt-Dependent Cell Survival by the Tumor Suppressor PTEN. <i>Cell</i> , 1998, 95, 29-39.	28.9	2,269

#	ARTICLE	IF	CITATIONS
577	Vav links antigen-receptor signaling to the actin cytoskeleton. <i>Seminars in Immunology</i> , 1998, 10, 317-327.	5.6	75
578	The Inositol Polyphosphate 5-Phosphatase Ship Is a Crucial Negative Regulator of B Cell Antigen Receptor Signaling. <i>Journal of Experimental Medicine</i> , 1998, 188, 1333-1342.	8.5	204
579	Vav Regulates Peptide-specific Apoptosis in Thymocytes. <i>Journal of Experimental Medicine</i> , 1998, 188, 2099-2111.	8.5	91
580	Molecular and Cellular Mechanisms of T Lymphocyte Apoptosis. <i>Advances in Immunology</i> , 1998, 68, 51-144.	2.2	61
581	CD30. , 1998, , 164-165.		0
582	NF-ATc1. , 1998, , 790-792.		0
583	SEK1. , 1998, , 933-934.		0
584	Lck. , 1998, , 668-669.		0
585	CD45. , 1998, , 179-181.		0
586	Impaired CD28-mediated Interleukin 2 Production and Proliferation in Stress Kinase SAPK/ERK1 Kinase (SEK1)/Mitogen-activated Protein Kinase Kinase 4 (MKK4)-deficient T Lymphocytes. <i>Journal of Experimental Medicine</i> , 1997, 186, 941-953.	8.5	126
587	Activation of Stress-activated Protein Kinases/c-Jun N-terminal Protein Kinases (SAPKs/JNKs) by a Novel Mitogen-activated Protein Kinase Kinase (MKK7). <i>Journal of Biological Chemistry</i> , 1997, 272, 32378-32383.	3.4	90
588	The Interferon Regulatory Transcription Factor IRF-1 Controls Positive and Negative Selection of CD8+ Thymocytes. <i>Immunity</i> , 1997, 7, 243-254.	14.3	104
589	Cellular and molecular mechanisms of murine autoimmune myocarditis. <i>Apmis</i> , 1997, 105, 1-13.	2.0	55
590	Stress-signalling kinase Sek1 protects thymocytes from apoptosis mediated by CD95 and CD3. <i>Nature</i> , 1997, 385, 350-353.	27.8	339
591	Normal thymic selection, normal viability and decreased lymphoproliferation in T cell receptor-transgenic CTLA-4-deficient mice. <i>European Journal of Immunology</i> , 1997, 27, 1887-1892.	2.9	73
592	Low-Molecular-Weight Tumor Necrosis Factor Receptor p55 Controls Induction of Autoimmune Heart Disease. <i>Circulation</i> , 1997, 95, 655-661.	1.6	60
593	Impaired Negative Selection of T Cells in Hodgkin's Disease Antigen CD30-Deficient Mice. <i>Cell</i> , 1996, 84, 551-562.	28.9	316
594	Human CD4 and human major histocompatibility complex class II (DQ6) transgenic mice: supersensitivity to superantigen-induced septic shock. <i>European Journal of Immunology</i> , 1996, 26, 1074-1082.	2.9	58

#	ARTICLE	IF	CITATIONS
595	Identification of cardiac myosin peptides capable of inducing autoimmune myocarditis in BALB/c mice.. Journal of Clinical Investigation, 1996, 97, 2057-2062.	8.2	175
596	The role of transgenic knockout models in defining the pathogenesis of viral heart disease. European Heart Journal, 1995, 16, 25-27.	2.2	24
597	T lymphocyte development in p56lck deficient mice: allelic exclusion of the TcR \hat{I}^2 locus is incomplete but thymocyte development is not restored by TcR \hat{I}^2 or TcR $\hat{I}^{\pm}\hat{I}^2$ transgenes. European Journal of Immunology, 1995, 25, 1312-1318.	2.9	51
598	T cell repertoire and clonal deletion of Mtv superantigen-reactive T cells in mice lacking CD4 and CD8 molecules. European Journal of Immunology, 1995, 25, 2115-2118.	2.9	24
599	Spontaneous resistance to acute T-cell leukaemias in TCRV $\hat{I}^31.1\hat{J}^34\hat{C}^34$ transgenic mice. Nature, 1995, 375, 241-244.	27.8	40
600	Chicken thymic nurse cells: An overview. Developmental and Comparative Immunology, 1995, 19, 281-289.	2.3	16
601	Lymphoproliferative Disorders with Early Lethality in Mice Deficient in <i>Ctla-4</i> . Science, 1995, 270, 985-988.	12.6	2,587
602	Human CD4-major histocompatibility complex class II (DQw6) transgenic mice in an endogenous CD4/CD8-deficient background: reconstitution of phenotype and human-restricted function.. Journal of Experimental Medicine, 1994, 180, 1911-1920.	8.5	23
603	Ultrastructural analysis of thymic nurse cell epithelium. European Journal of Immunology, 1994, 24, 222-228.	2.9	20
604	Maternal transfer of infectious mouse mammary tumor retroviruses does not depend on clonal deletion of superantigen-reactive V \hat{I}^214+ T cells. European Journal of Immunology, 1994, 24, 1102-1108.	2.9	8
605	Experimental allergic encephalomyelitis (EAE) in mice lacking CD4+ T cells. European Journal of Immunology, 1994, 24, 2250-2253.	2.9	25
606	T-cell development and function in gene-knockout mice. Current Opinion in Immunology, 1994, 6, 298-307.	5.5	26
607	Signal Transduction, Mitotic Catastrophes, and Death in T-Cell Development. Immunological Reviews, 1994, 142, 231-272.	6.0	39
608	Involvement of the IRF-1 transcription factor in antiviral responses to interferons. Science, 1994, 264, 1921-1924.	12.6	292
609	Tolerance and Self-Reactivity in V $\hat{I}^31.1\hat{C}^34$ Transgenic Mice. International Reviews of Immunology, 1994, 11, 295-304.	3.3	5
610	In situ analyses of in ovo graft-vs.-host reaction induced by thymic nurse cell lymphocytes. European Journal of Immunology, 1993, 23, 904-910.	2.9	10
611	CD4, CD8 and tyrosine kinases in thymic selection. Current Opinion in Immunology, 1993, 5, 235-240.	5.5	26
612	Genetically modified animals and immunodeficiency. Current Opinion in Immunology, 1993, 5, 585-594.	5.5	26

#	ARTICLE	IF	CITATIONS
613	The Role of p56lck and p59fyn Tyrosine Kinases and CD45 Protein Tyrosine Phosphatase in T-cell Development and Clonal Selection. <i>Immunological Reviews</i> , 1993, 135, 183-214.	6.0	40
614	Normal B lymphocyte development but impaired T cell maturation in CD45-Exon6 protein tyrosine phosphatase-deficient mice. <i>Cell</i> , 1993, 74, 143-156.	28.9	500
615	Requirement for tyrosine kinase p56lck for thymic development of transgenic gamma delta T cells. <i>Science</i> , 1993, 260, 358-361.	12.6	74
616	The induction of experimental autoimmune myocarditis in mice lacking CD4 or CD8 molecules [corrected]. <i>Journal of Experimental Medicine</i> , 1993, 178, 1837-1842.	8.5	67
617	CD4 expression is differentially required for deletion of MLS-1a-reactive T cells.. <i>Journal of Experimental Medicine</i> , 1992, 176, 1459-1463.	8.5	36
618	CD45RA and CD45RB ^{high} expression induced by thymic selection events.. <i>Journal of Experimental Medicine</i> , 1992, 176, 1657-1663.	8.5	41
619	Thymic nurse cell lymphocytes react against self major histocompatibility complex. <i>European Journal of Immunology</i> , 1992, 22, 79-83.	2.9	17
620	Developmental Expression of IL-2-Receptor Light Chain (CD25) in the Chicken Embryo. <i>Autoimmunity</i> , 1991, 1, 237-242.	0.6	11
621	Intra-thymic nurse cell lymphocytes can induce a graft-versus-host reaction with high efficiency. <i>Developmental and Comparative Immunology</i> , 1989, 13, 313-327.	2.3	12
622	Molecular Mimicry and Heart Disease. , 0, , 69-82.		0