

Josef Martin Penninger

List of Publications by Year in descending order

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Version: 2024-02-01

620
papers

118,524
citations

179

156
h-index

180

324
g-index

670
all docs

670
docs citations

670
times ranked

128773
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.	2.5	20
2	Transcription factor mesenchyme homeobox protein 2 (MEOX2) modulates nociceptor function. <i>FEBS Journal</i> , 2022, 289, 3457-3476.	2.2	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, .	2.8	42
4	Adult T-cells impair neonatal cardiac regeneration. <i>European Heart Journal</i> , 2022, 43, 2698-2709.	1.0	19
5	TSPAN6 is a suppressor of Ras-driven cancer. <i>Oncogene</i> , 2022, 41, 2095-2105.	2.6	4
6	Recalibrating vascular malformations and mechanotransduction by pharmacological intervention. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	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.	7.2	40
8	Redirecting Imipramine against Bluetongue Virus Infection: Insights from a Genome-wide Haploid Screening Study. <i>Pathogens</i> , 2022, 11, 602.	1.2	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.	13.5	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, .	2.4	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, .	1.6	1
12	Clinical grade ACE2 as a universal agent to block SARS-CoV-2 variants. <i>EMBO Molecular Medicine</i> , 2022, 14, .	3.3	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.	1.1	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.	2.9	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, .	4.2	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, .	4.7	176
17	RANK links thymic regulatory T cells to fetal loss and gestational diabetes in pregnancy. <i>Nature</i> , 2021, 589, 442-447.	13.7	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.	0.6	95

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19	MKK7 deficiency in mature neurons impairs parental behavior in mice. <i>Genes To Cells</i> , 2021, 26, 5-17.	0.5	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.	3.6	5
21	HACE1 blocks HIF1 α accumulation under hypoxia in a RAC1 dependent manner. <i>Oncogene</i> , 2021, 40, 1988-2001.	2.6	5
22	Heme Biosynthesis mRNA Expression Signature: Towards a Novel Prognostic Biomarker in Patients with Diffusely Infiltrating Gliomas. <i>Cancers</i> , 2021, 13, 662.	1.7	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.	4.5	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.	2.0	13
25	Ferritinophagy and ferroptosis in the management of metabolic diseases. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 444-462.	3.1	148
26	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021, 40, e108863.	3.5	615
27	Identification of lectin receptors for conserved SARS-CoV-2 glycosylation sites. <i>EMBO Journal</i> , 2021, 40, e108375.	3.5	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.	1.0	6
29	PRDM12 Is Transcriptionally Active and Required for Nociceptor Function Throughout Life. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 720973.	1.4	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.	3.3	87
32	The ubiquitin ligase HOIL-1L regulates immune responses by interacting with linear ubiquitin chains. <i>IScience</i> , 2021, 24, 103241.	1.9	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.	9.0	74
34	ACE2-like carboxypeptidase B38-CAP protects from SARS-CoV-2-induced lung injury. <i>Nature Communications</i> , 2021, 12, 6791.	5.8	32
35	Structure-guided glyco-engineering of ACE2 for improved potency as soluble SARS-CoV-2 decoy receptor. <i>ELife</i> , 2021, 10, .	2.8	29
36	Angiotensin-Converting Enzyme 2 (ACE2) in the Pathogenesis of ARDS in COVID-19. <i>Frontiers in Immunology</i> , 2021, 12, 732690.	2.2	34

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37	Genome-wide spatial expression profiling in formalin-fixed tissues. <i>Cell Genomics</i> , 2021, 1, 100065.	3.0	45
38	Map2k7 Haploinsufficiency Induces Brain Imaging Endophenotypes and Behavioral Phenotypes Relevant to Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020, 46, 211-223.	2.3	10
39	Cytoskeletal disorganization underlies PABPN1-mediated myogenic disability. <i>Scientific Reports</i> , 2020, 10, 17621.	1.6	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.	3.0	221
41	Salmonella-based platform for efficient delivery of functional binding proteins to the cytosol. <i>Communications Biology</i> , 2020, 3, 342.	2.0	14
42	Targeting the RANKL/RANK/OPG Axis for Cancer Therapy. <i>Frontiers in Oncology</i> , 2020, 10, 1283.	1.3	42
43	Sclerostin expression in trabecular bone is downregulated by osteoclasts. <i>Scientific Reports</i> , 2020, 10, 13751.	1.6	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.	1.6	15
45	Human recombinant soluble ACE2 in severe COVID-19. <i>Lancet Respiratory Medicine</i> , 2020, 8, 1154-1158.	5.2	340
46	Fibroblasts as a source of self-antigens for central immune tolerance. <i>Nature Immunology</i> , 2020, 21, 1172-1180.	7.0	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.	5.8	46
48	Stepwise cell fate decision pathways during osteoclastogenesis at single-cell resolution. <i>Nature Metabolism</i> , 2020, 2, 1382-1390.	5.1	60
49	HACE1 Prevents Lung Carcinogenesis via Inhibition of RAC-Family GTPases. <i>Cancer Research</i> , 2020, 80, 3009-3022.	0.4	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.	0.2	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.	1.0	16
52	RANKL and OPG and their influence on breast volume changes during pregnancy in healthy women. <i>Scientific Reports</i> , 2020, 10, 5171.	1.6	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.	2.0	9
54	CLP1 acts as the main RNA kinase in mice. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 129-134.	1.0	4

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55	A synthetic peptide library for benchmarking crosslinking-mass spectrometry search engines for proteins and protein complexes. <i>Nature Communications</i> , 2020, 11, 742.	5.8	62
56	B38-CAP is a bacteria-derived ACE2-like enzyme that suppresses hypertension and cardiac dysfunction. <i>Nature Communications</i> , 2020, 11, 1058.	5.8	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.	3.9	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.	2.7	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.	13.5	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.	13.5	66
62	Site-specific ubiquitination of the E3 ligase HOIP regulates apoptosis and immune signaling. <i>EMBO Journal</i> , 2020, 39, e103303.	3.5	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.	3.3	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.	1.5	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.	0.6	4
67	Improved Sensitivity in Low-Input Proteomics Using Micropillar Array-Based Chromatography. <i>Analytical Chemistry</i> , 2019, 91, 14203-14207.	3.2	57
68	HACE1 deficiency leads to structural and functional neurodevelopmental defects. <i>Neurology: Genetics</i> , 2019, 5, e330.	0.9	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.	0.4	56
70	AIF-regulated oxidative phosphorylation supports lung cancer development. <i>Cell Research</i> , 2019, 29, 579-591.	5.7	58
71	Derivation and maintenance of mouse haploid embryonic stem cells. <i>Nature Protocols</i> , 2019, 14, 1991-2014.	5.5	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.	3.3	39

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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.	3.1	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.	2.9	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.	0.6	0
76	The Role of Iron Regulation in Immunometabolism and Immune-Related Disease. <i>Frontiers in Molecular Biosciences</i> , 2019, 6, 116.	1.6	178
77	Generation of blood vessel organoids from human pluripotent stem cells. <i>Nature Protocols</i> , 2019, 14, 3082-3100.	5.5	136
78	Pulmonary phagocyte-derived NPY controls the pathology of severe influenza virus infection. <i>Nature Microbiology</i> , 2019, 4, 258-268.	5.9	13
79	Human blood vessel organoids as a model of diabetic vasculopathy. <i>Nature</i> , 2019, 565, 505-510.	13.7	500
80	RANK deletion in neuropeptide Y neurones attenuates oestrogen deficiency-related bone loss. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12687.	1.2	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.	1.2	11
82	The novel lncRNA lnc-NR2F1 is pro-neurogenic and mutated in human neurodevelopmental disorders. <i>ELife</i> , 2019, 8, .	2.8	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.	0.9	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.	0.6	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.	2.4	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.	1.6	14
88	The CCR4-NOT deadenylase complex controls Atg7-dependent cell death and heart function. <i>Science Signaling</i> , 2018, 11, .	1.6	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.	5.0	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.	1.8	12

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91	Predicting functional neuroanatomical maps from fusing brain networks with genetic information. <i>NeuroImage</i> , 2018, 170, 113-120.	2.1	16
92	RANKL and RANK: From Mammalian Physiology to Cancer Treatment. <i>Trends in Cell Biology</i> , 2018, 28, 213-223.	3.6	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.	1.2	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.	0.8	17
95	The RNA helicase DDX3X is an essential mediator of innate antimicrobial immunity. <i>PLoS Pathogens</i> , 2018, 14, e1007397.	2.1	65
96	The metabolite BH4 controls T cell proliferation in autoimmunity and cancer. <i>Nature</i> , 2018, 563, 564-568.	13.7	174
97	Leukotriene B4 promotes neovascularization and macrophage recruitment in murine wet-type AMD models. <i>JCI Insight</i> , 2018, 3, .	2.3	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.	2.9	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.	1.5	10
100	Coupling of bone resorption and formation by RANKL reverse signalling. <i>Nature</i> , 2018, 561, 195-200.	13.7	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.	1.3	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.	2.4	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.	2.7	13
104	Afatinib restrains K-RAS-driven lung tumorigenesis. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	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.	1.0	2
106	Identification of subepithelial mesenchymal cells that induce IgA and diversify gut microbiota. <i>Nature Immunology</i> , 2017, 18, 675-682.	7.0	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.	3.5	1,230

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109	ELABELA-APJ axis protects from pressure overload heart failure and angiotensin II-induced cardiac damage. <i>Cardiovascular Research</i> , 2017, 113, 760-769.	1.8	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.	1.2	0
111	Apelin Is a Negative Regulator of Angiotensin II-Mediated Adverse Myocardial Remodeling and Dysfunction. <i>Hypertension</i> , 2017, 70, 1165-1175.	1.3	85
112	A reversible haploid mouse embryonic stem cell biobank resource for functional genomics. <i>Nature</i> , 2017, 550, 114-118.	13.7	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.	0.7	0
114	Comparative glycoproteomics of stem cells identifies new players in ricin toxicity. <i>Nature</i> , 2017, 549, 538-542.	13.7	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.	3.3	33
116	The W9 peptide directly stimulates osteoblast differentiation via RANKL signaling. <i>Journal of Oral Biosciences</i> , 2017, 59, 146-151.	0.8	6
117	Age-dependent motor dysfunction due to neuron-specific disruption of stress-activated protein kinase MKK7. <i>Scientific Reports</i> , 2017, 7, 7348.	1.6	17
118	RANK rewires energy homeostasis in lung cancer cells and drives primary lung cancer. <i>Genes and Development</i> , 2017, 31, 2099-2112.	2.7	32
119	Glycogen Synthase Kinase-3 Modulates Cbl-b and Constrains T Cell Activation. <i>Journal of Immunology</i> , 2017, 199, 4056-4065.	0.4	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.	1.5	16
121	Frontline Science: Coincidental null mutation of <i>Csf2r1</i> in a colony of <i>PI3K^{3a}/^Δ</i> mice causes alveolar macrophage deficiency and fatal respiratory viral infection. <i>Journal of Leukocyte Biology</i> , 2017, 101, 367-376.	1.5	22
122	LOX Fails to Substitute for RANKL in Osteoclastogenesis. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 434-439.	3.1	41
123	A vital sugar code for ricin toxicity. <i>Cell Research</i> , 2017, 27, 1351-1364.	5.7	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.	2.9	24
125	Mapping the mouse Allelome reveals tissue-specific regulation of allelic expression. <i>ELife</i> , 2017, 6, .	2.8	120
126	Autophagy suppresses Ras-driven epithelial tumorigenesis by limiting the accumulation of reactive oxygen species. <i>Oncogene</i> , 2017, 36, 5576-5592.	2.6	30

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127	Aberrant regulation of RANKL/OPG in women at high risk of developing breast cancer. <i>Oncotarget</i> , 2017, 8, 3811-3825.	0.8	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.	0.3	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.	1.9	13
131	The Role of TAM Family Receptors in Immune Cell Function: Implications for Cancer Therapy. <i>Cancers</i> , 2016, 8, 97.	1.7	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.	1.1	52
133	Caloric Restriction Mimetics Enhance Anticancer Immunosurveillance. <i>Cancer Cell</i> , 2016, 30, 147-160.	7.7	410
134	Sucralose Promotes Food Intake through NPY and a Neuronal Fasting Response. <i>Cell Metabolism</i> , 2016, 24, 75-90.	7.2	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.	4.2	41
136	Osteoprotegerin full length protein mitigates muscular dystrophy in fast-twitch skeletal muscles. <i>Neuromuscular Disorders</i> , 2016, 26, S131.	0.3	0
137	RANKL/RANK: from bone loss to the prevention of breast cancer. <i>Open Biology</i> , 2016, 6, 160230.	1.5	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.	1.5	45
139	LGR4 is a receptor for RANKL and negatively regulates osteoclast differentiation and bone resorption. <i>Nature Medicine</i> , 2016, 22, 539-546.	15.2	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.	1.1	17
141	The Tumor Suppressor Hace1 Is a Critical Regulator of TNFR1-Mediated Cell Fate. <i>Cell Reports</i> , 2016, 15, 1481-1492.	2.9	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.	2.1	51
143	A reproducible protocol for neonatal ischemic injury and cardiac regeneration in neonatal mice. <i>Basic Research in Cardiology</i> , 2016, 111, 64.	2.5	31
144	Mast cells are not associated with systemic insulin resistance. <i>European Journal of Clinical Investigation</i> , 2016, 46, 911-919.	1.7	8

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145	The mevalonate pathway regulates primitive streak formation via protein farnesylation. <i>Scientific Reports</i> , 2016, 6, 37697.	1.6	8
146	52 Genetic Loci Influencing Myocardial Mass. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1435-1448.	1.2	113
147	Inhibition of CBLB protects from lethal <i>Candida albicans</i> sepsis. <i>Nature Medicine</i> , 2016, 22, 915-923.	15.2	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.	1.8	249
149	RANKL/RANK control Brca1 mutation-driven mammary tumors. <i>Cell Research</i> , 2016, 26, 761-774.	5.7	128
150	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
151	Functional Recovery of a Human Neonatal Heart After Severe Myocardial Infarction. <i>Circulation Research</i> , 2016, 118, 216-221.	2.0	272
152	A cryoinjury model in neonatal mice for cardiac translational and regeneration research. <i>Nature Protocols</i> , 2016, 11, 542-552.	5.5	42
153	Trim28 Haploinsufficiency Triggers Bi-stable Epigenetic Obesity. <i>Cell</i> , 2016, 164, 353-364.	13.5	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.	1.1	16
155	TNF-driven cell fate: till HACE do us part. <i>Oncotarget</i> , 2016, 7, 44871-44872.	0.8	1
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