

Jaesang Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9584563/publications.pdf>

Version: 2024-02-01

53
papers

4,372
citations

201674

27
h-index

161849

54
g-index

54
all docs

54
docs citations

54
times ranked

7657
citing authors

#	ARTICLE	IF	CITATIONS
1	Cutting Edge: Direct Interaction of TLR4 with NAD(P)H Oxidase 4 Isozyme Is Essential for Lipopolysaccharide-Induced Production of Reactive Oxygen Species and Activation of NF- κ B. <i>Journal of Immunology</i> , 2004, 173, 3589-3593.	0.8	576
2	SOX10 Maintains Multipotency and Inhibits Neuronal Differentiation of Neural Crest Stem Cells. <i>Neuron</i> , 2003, 38, 17-31.	8.1	500
3	Genetic ablation of parathyroid glands reveals another source of parathyroid hormone. <i>Nature</i> , 2000, 406, 199-203.	27.8	366
4	Divergent functions of the proneural genes <i>Mash1</i> and <i>Ngn2</i> in the specification of neuronal subtype identity. <i>Genes and Development</i> , 2002, 16, 324-338.	5.9	338
5	A recurrent inactivating mutation in RHOA GTPase in angioimmunoblastic T cell lymphoma. <i>Nature Genetics</i> , 2014, 46, 371-375.	21.4	326
6	Coordination of multiple dual oxidase-regulatory pathways in responses to commensal and infectious microbes in drosophila gut. <i>Nature Immunology</i> , 2009, 10, 949-957.	14.5	301
7	Proteogenomic Characterization of Human Early-Onset Gastric Cancer. <i>Cancer Cell</i> , 2019, 35, 111-124.e10.	16.8	183
8	An essential complementary role of NF- κ B pathway to microbicidal oxidants in Drosophila gut immunity. <i>EMBO Journal</i> , 2006, 25, 3693-3701.	7.8	150
9	Distinct TLR-mediated pathways regulate house dust mite-induced allergic disease in the upper and lower airways. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 549-561.	2.9	122
10	Peroxiredoxin II Is an Essential Antioxidant Enzyme that Prevents the Oxidative Inactivation of VEGF Receptor-2 in Vascular Endothelial Cells. <i>Molecular Cell</i> , 2011, 44, 545-558.	9.7	103
11	Cytosolic Hsp60 Is Involved in the NF- κ B-Dependent Survival of Cancer Cells via IKK Regulation. <i>PLoS ONE</i> , 2010, 5, e9422.	2.5	101
12	Foxa2 and Nurr1 Synergistically Yield A9 Nigral Dopamine Neurons Exhibiting Improved Differentiation, Function, and Cell Survival. <i>Stem Cells</i> , 2010, 28, 501-512.	3.2	94
13	PIAS3 Suppresses NF- κ B-mediated Transcription by Interacting with the p65/RelA Subunit. <i>Journal of Biological Chemistry</i> , 2004, 279, 24873-24880.	3.4	92
14	Clinical Validity of the Lung Cancer Biomarkers Identified by Bioinformatics Analysis of Public Expression Data. <i>Cancer Research</i> , 2007, 67, 7431-7438.	0.9	90
15	Clinical Validation of Colorectal Cancer Biomarkers Identified from Bioinformatics Analysis of Public Expression Data. <i>Clinical Cancer Research</i> , 2011, 17, 700-709.	7.0	80
16	Discovery of <i>ALK</i> - <i>PTPN3</i> gene fusion from human non-small cell lung carcinoma cell line using next generation RNA sequencing. <i>Genes Chromosomes and Cancer</i> , 2012, 51, 590-597.	2.8	80
17	Frequent CTLA4-CD28 gene fusion in diverse types of T-cell lymphoma. <i>Haematologica</i> , 2016, 101, 757-763.	3.5	75
18	A High-Dimensional, Deep-Sequencing Study of Lung Adenocarcinoma in Female Never-Smokers. <i>PLoS ONE</i> , 2013, 8, e55596.	2.5	70

#	ARTICLE	IF	CITATIONS
19	Syndecan-2 Regulates the Migratory Potential of Melanoma Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 27167-27175.	3.4	65
20	NEDD4 controls intestinal stem cell homeostasis by regulating the Hippo signalling pathway. <i>Nature Communications</i> , 2015, 6, 6314.	12.8	51
21	Mash1 and Neurogenin 2 Enhance Survival and Differentiation of Neural Precursor Cells After Transplantation to Rat Brains via Distinct Modes of Action. <i>Molecular Therapy</i> , 2008, 16, 1873-1882.	8.2	44
22	dCIP4 (Drosophila Cdc42-Interacting Protein 4) Restrains Synaptic Growth by Inhibiting the Secretion of the Retrograde Glass Bottom Boat Signal. <i>Journal of Neuroscience</i> , 2010, 30, 8138-8150.	3.6	44
23	Positive feedback loop between <i>Sox2</i> and <i>Sox6</i> inhibits neuronal differentiation in the developing central nervous system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2794-2799.	7.1	40
24	Identification of tumor suppressor miRNAs by integrative miRNA and mRNA sequencing of matched tumor-normal samples in lung adenocarcinoma. <i>Molecular Oncology</i> , 2019, 13, 1356-1368.	4.6	39
25	Regulation of megakaryocytic differentiation of K562 cells by FosB, a member of the Fos family of AP-1 transcription factors. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 1962-1973.	5.4	37
26	Identification of direct regulatory targets of the transcription factor Sox10 based on function and conservation. <i>BMC Genomics</i> , 2008, 9, 408.	2.8	30
27	Sox10 Controls Migration of B16F10 Melanoma Cells through Multiple Regulatory Target Genes. <i>PLoS ONE</i> , 2012, 7, e31477.	2.5	29
28	VAMP2-NRG1 Fusion Gene is a Novel Oncogenic Driver of Non-Small-Cell Lung Adenocarcinoma. <i>Journal of Thoracic Oncology</i> , 2015, 10, 1107-1111.	1.1	28
29	A study of microRNAs <i>in silico</i> and <i>in vivo</i> : emerging regulators of embryonic stem cells. <i>FEBS Journal</i> , 2009, 276, 2140-2149.	4.7	27
30	Nox4-Mediated Cell Signaling Regulates Differentiation and Survival of Neural Crest Stem Cells. <i>Molecules and Cells</i> , 2014, 37, 907-911.	2.6	26
31	Down-regulation of Sox10 with specific small interfering RNA promotes transdifferentiation of Schwannoma cells into myofibroblasts. <i>Differentiation</i> , 2006, 74, 542-551.	1.9	23
32	Characterization of <i>SLC22A18</i> as a tumor suppressor and novel biomarker in colorectal cancer. <i>Oncotarget</i> , 2015, 6, 25368-25380.	1.8	22
33	FCN3 functions as a tumor suppressor of lung adenocarcinoma through induction of endoplasmic reticulum stress. <i>Cell Death and Disease</i> , 2021, 12, 407.	6.3	21
34	A Negative Cofactor Containing Dr1/p19 Modulates Transcription with TFIIA in a Promoter-specific Fashion. <i>Journal of Biological Chemistry</i> , 1996, 271, 18405-18412.	3.4	20
35	Cytosolic Hsp60 orchestrates the survival and inflammatory responses of vascular smooth muscle cells in injured aortic vessels. <i>Cardiovascular Research</i> , 2015, 106, 498-508.	3.8	20
36	The conserved WRPW motif of Hes6 mediates proteasomal degradation. <i>Biochemical and Biophysical Research Communications</i> , 2005, 332, 33-36.	2.1	18

#	ARTICLE	IF	CITATIONS
37	Phosphorylation of serine282 in NADPH oxidase activator 1 by Erk desensitizes EGF-induced ROS generation. <i>Biochemical and Biophysical Research Communications</i> , 2010, 394, 691-696.	2.1	15
38	Characterization of developmental defects in the forebrain resulting from hyperactivated mTOR signaling by integrative analysis of transcriptomic and proteomic data. <i>Scientific Reports</i> , 2017, 7, 2826.	3.3	15
39	Genome-scale CRISPR screening identifies cell cycle and protein ubiquitination processes as druggable targets for erlotinib-resistant lung cancer. <i>Molecular Oncology</i> , 2021, 15, 487-502.	4.6	15
40	Downregulation of Wnt-Mediated ROS Generation Is Causally Implicated in Leprechaunism. <i>Molecules and Cells</i> , 2010, 29, 63-70.	2.6	14
41	2-(Trimethylammonium)ethyl (R)-3-methoxy-3-oxo-2-stearamidopropyl phosphate promotes megakaryocytic differentiation of myeloid leukaemia cells and primary human CD34 ⁺ haematopoietic stem cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 435-446.	2.7	12
42	Regulation of c-Myc Expression by Ahnak Promotes Induced Pluripotent Stem Cell Generation. <i>Journal of Biological Chemistry</i> , 2016, 291, 752-761.	3.4	11
43	Hes6 Controls Cell Proliferation via Interaction with cAMP-response Element-binding Protein-binding Protein in the Promyelocytic Leukemia Nuclear Body. <i>Journal of Biological Chemistry</i> , 2008, 283, 5939-5949.	3.4	10
44	Hairy and Enhancer of Split 6 (Hes6) Deficiency in Mouse Impairs Neuroblast Differentiation in Dentate Gyrus Without Affecting Cell Proliferation and Integration into Mature Neurons. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 57-67.	3.3	10
45	Down-Regulation of Sox11 Is Required for Efficient Osteogenic Differentiation of Adipose-Derived Stem Cells. <i>Molecules and Cells</i> , 2014, 37, 337-344.	2.6	8
46	Novel alternative splice variants of chicken NPAS3 are expressed in the developing central nervous system. <i>Gene</i> , 2013, 530, 222-228.	2.2	6
47	2-(Trimethylammonium) Ethyl (R)-3-Methoxy-3-oxo-2-Stearamidopropyl Phosphate Suppresses Osteoclast Maturation and Bone Resorption by Targeting Macrophage-Colony Stimulating Factor Signaling. <i>Molecules and Cells</i> , 2014, 37, 628-635.	2.6	6
48	Angioimmunoblastic T-cell lymphoma-like lymphadenopathy in mice transgenic for human RHOA with p.Gly17Val mutation. <i>Oncolmmunology</i> , 2020, 9, 1746553.	4.6	5
49	Gene Expression Regulation by Agonist-Independent Constitutive Signaling of Melanocortin-1 Receptor. <i>Endocrinology and Metabolism</i> , 2014, 29, 179.	3.0	3
50	Characterization of as a Novel Tumor Suppressor of Lung Adenocarcinoma. <i>Molecules and Cells</i> , 2020, 43, 619-631.	2.6	3
51	Nox4-IGF2 Axis Promotes Differentiation of Embryoid Body Cells Into Derivatives of the Three Embryonic Germ Layers. <i>Stem Cell Reviews and Reports</i> , 2021, , 1.	3.8	2
52	Mice transgenic for human CTLA4-CD28 fusion gene show proliferation and transformation of ATLL-like and AITL-like T cells. <i>Oncolmmunology</i> , 2022, 11, 2015170.	4.6	2
53	Isolation and Characterization of Chicken NPAS3. <i>Experimental Neurobiology</i> , 2010, 19, 71-74.	1.6	1