

Eek-hoon Jho

List of Publications by Year in descending order

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87
papers

5,130
citations

117453

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91712

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90
docs citations

90
times ranked

8285
citing authors

#	ARTICLE	IF	CITATIONS
1	Wnt/ β -Catenin/Tcf Signaling Induces the Transcription of Axin2, a Negative Regulator of the Signaling Pathway. <i>Molecular and Cellular Biology</i> , 2002, 22, 1172-1183.	1.1	1,498
2	Wnt/ β -catenin signalling: from plasma membrane to nucleus. <i>Biochemical Journal</i> , 2013, 450, 9-21.	1.7	269
3	Domains of Axin Involved in Protein-Protein Interactions, Wnt Pathway Inhibition, and Intracellular Localization. <i>Journal of Cell Biology</i> , 1999, 145, 741-756.	2.3	246
4	Hippo signaling interactions with Wnt/ β -catenin and Notch signaling repress liver tumorigenesis. <i>Journal of Clinical Investigation</i> , 2016, 127, 137-152.	3.9	190
5	Phosphorylation by NLK inhibits YAP interactions and induces its nuclear localization. <i>EMBO Reports</i> , 2017, 18, 61-71.	2.0	139
6	Mechanotransduction activates canonical Wnt/ β -catenin signaling to promote lymphatic vascular patterning and the development of lymphatic and lymphovenous valves. <i>Genes and Development</i> , 2016, 30, 1454-1469.	2.7	121
7	Osmotic stress-induced phosphorylation by NLK at Ser128 activates YAP. <i>EMBO Reports</i> , 2017, 18, 72-86.	2.0	112
8	Wnt-7a Causes Loss of Differentiated Phenotype and Inhibits Apoptosis of Articular Chondrocytes via Different Mechanisms. <i>Journal of Biological Chemistry</i> , 2004, 279, 26597-26604.	1.6	99
9	Hydrogen peroxide negatively modulates Wnt signaling through downregulation of β -catenin. <i>Cancer Letters</i> , 2004, 212, 225-231.	3.2	98
10	A GSK3 β Phosphorylation Site in Axin Modulates Interaction with β -Catenin and Tcf-Mediated Gene Expression. <i>Biochemical and Biophysical Research Communications</i> , 1999, 266, 28-35.	1.0	95
11	The Protein Stability of Axin, a Negative Regulator of Wnt Signaling, Is Regulated by Smad Ubiquitination Regulatory Factor 2 (Smurf2). <i>Journal of Biological Chemistry</i> , 2010, 285, 36420-36426.	1.6	91
12	Purification of GSK-3 by Affinity Chromatography on Immobilized Axin. <i>Protein Expression and Purification</i> , 2000, 20, 394-404.	0.6	90
13	The role of GDNF in patterning the excretory system. <i>Developmental Biology</i> , 2005, 283, 70-84.	0.9	71
14	Cross-talk between Wnt/ β -catenin and Hippo signaling pathways: a brief review. <i>BMB Reports</i> , 2014, 47, 540-545.	1.1	69
15	Identification of a Stroma-Mediated Wnt/ β -Catenin Signal Promoting Self-Renewal of Hematopoietic Stem Cells in the Stem Cell Niche. <i>Stem Cells</i> , 2009, 27, 1318-1329.	1.4	67
16	LPS-induced inflammatory response is suppressed by Wnt inhibitors, Dickkopf-1 and LGK974. <i>Scientific Reports</i> , 2017, 7, 41612.	1.6	65
17	Axin Inhibits Extracellular Signal-regulated Kinase Pathway by Ras Degradation via β -Catenin. <i>Journal of Biological Chemistry</i> , 2007, 282, 14482-14492.	1.6	63
18	c-Jun Amino-terminal Kinase Is Regulated by G12/G13 and Obligate for Differentiation of P19 Embryonal Carcinoma Cells by Retinoic Acid. <i>Journal of Biological Chemistry</i> , 1997, 272, 24468-24474.	1.6	61

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19	Domains of Axin and Disheveled Required for Interaction and Function in Wnt Signaling. <i>Biochemical and Biophysical Research Communications</i> , 2000, 276, 1162-1169.	1.0	61
20	Mest/Peg1 inhibits Wnt signalling through regulation of LRP6 glycosylation. <i>Biochemical Journal</i> , 2011, 436, 263-269.	1.7	56
21	Deubiquitinase YOD1 potentiates YAP/TAZ activities through enhancing ITCH stability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4691-4696.	3.3	56
22	Complementary Wnt Sources Regulate Lymphatic Vascular Development via PROX1-Dependent Wnt/ β -Catenin Signaling. <i>Cell Reports</i> , 2018, 25, 571-584.e5.	2.9	55
23	The history and regulatory mechanism of the Hippo pathway. <i>BMB Reports</i> , 2018, 51, 106-118.	1.1	53
24	SGK1 inhibition in glia ameliorates pathologies and symptoms in Parkinson disease animal models. <i>EMBO Molecular Medicine</i> , 2021, 13, e13076.	3.3	52
25	Hippo signaling is intrinsically regulated during cell cycle progression by APC/C ^{Cdh1} . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9423-9432.	3.3	48
26	Past, present, and future perspectives of transcription factor EB (TFEB): mechanisms of regulation and association with disease. <i>Cell Death and Differentiation</i> , 2022, 29, 1433-1449.	5.0	48
27	Protein arginine methyltransferases (PRMTs) as therapeutic targets. <i>Expert Opinion on Therapeutic Targets</i> , 2012, 16, 651-664.	1.5	46
28	Regulation of the Hippo signaling pathway by ubiquitin modification. <i>BMB Reports</i> , 2018, 51, 143-150.	1.1	46
29	Ectopic Expression of Axin Blocks Neuronal Differentiation of Embryonic Carcinoma P19 Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 13487-13495.	1.6	45
30	Modulation of β -Catenin Phosphorylation/Degradation by Cyclin-dependent Kinase 2. <i>Journal of Biological Chemistry</i> , 2004, 279, 19592-19599.	1.6	42
31	β 12 and β 13 Mediate Differentiation of P19 Mouse Embryonal Carcinoma Cells in Response to Retinoic Acid. <i>Journal of Biological Chemistry</i> , 1997, 272, 24461-24467.	1.6	40
32	Adenomatous Polyposis Coli Is Down-regulated by the Ubiquitin-Proteasome Pathway in a Process Facilitated by Axin. <i>Journal of Biological Chemistry</i> , 2004, 279, 49188-49198.	1.6	39
33	Negative feedback regulation of Wnt signaling by β 2 ³ -mediated reduction of Dishevelled. <i>Experimental and Molecular Medicine</i> , 2009, 41, 695.	3.2	39
34	Interaction of tankyrase and peroxiredoxin II is indispensable for the survival of colorectal cancer cells. <i>Nature Communications</i> , 2017, 8, 40.	5.8	37
35	Role of the Hippo pathway and mechanisms for controlling cellular localization of YAP/TAZ. <i>FEBS Journal</i> , 2022, 289, 5798-5818.	2.2	37
36	Olig2-Induced Neural Stem Cell Differentiation Involves Downregulation of Wnt Signaling and Induction of Dickkopf-1 Expression. <i>PLoS ONE</i> , 2008, 3, e3917.	1.1	36

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37	<i>O</i> -GlcNAcylation on LATS2 disrupts the Hippo pathway by inhibiting its activity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14259-14269.	3.3	36
38	<i>Xenopus</i> Wntless and the Retromer Complex Cooperate To Regulate XWnt4 Secretion. Molecular and Cellular Biology, 2009, 29, 2118-2128.	1.1	34
39	TAZ/Wnt- β -catenin/c-MYC axis regulates cystogenesis in polycystic kidney disease. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29001-29012.	3.3	34
40	Axin localizes to mitotic spindles and centrosomes in mitotic cells. Experimental Cell Research, 2009, 315, 943-954.	1.2	33
41	MAML1/2 promote YAP/TAZ nuclear localization and tumorigenesis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 13529-13540.	3.3	33
42	Focal Adhesion Kinase Is Negatively Regulated by Phosphorylation at Tyrosine 407. Journal of Biological Chemistry, 2007, 282, 10398-10404.	1.6	30
43	Wnt/ β -catenin signaling regulates expression of PRDC, an antagonist of the BMP-4 signaling pathway. Biochemical and Biophysical Research Communications, 2007, 354, 296-301.	1.0	30
44	Smek promotes histone deacetylation to suppress transcription of Wnt target gene brachyury in pluripotent embryonic stem cells. Cell Research, 2011, 21, 911-921.	5.7	29
45	Downregulation of Wnt/ β -catenin signaling causes degeneration of hippocampal neurons in vivo. Neurobiology of Aging, 2011, 32, 2316.e1-2316.e15.	1.5	28
46	PKC inhibitors RO 31-8220 and GÅ¶ 6983 enhance epinephrine-induced platelet aggregation in catecholamine hypo-responsive platelets by enhancing Akt phosphorylation. BMB Reports, 2011, 44, 140-145.	1.1	28
47	Multiple isoforms of β -TrCP display differential activities in the regulation of Wnt signaling. Cellular Signalling, 2009, 21, 43-51.	1.7	26
48	Clinical analysis of spinal stereotactic radiosurgery in the treatment of neurogenic tumors. Journal of Neurosurgery: Spine, 2015, 23, 429-437.	0.9	26
49	Dâ€tyrosine negatively regulates melanin synthesis by competitively inhibiting tyrosinase activity. Pigment Cell and Melanoma Research, 2018, 31, 374-383.	1.5	26
50	A concise review of human brain methylome during aging and neurodegenerative diseases. BMB Reports, 2019, 52, 577-588.	1.1	26
51	Cyclin-dependent kinase 2 regulates the interaction of Axin with β -catenin. Biochemical and Biophysical Research Communications, 2004, 317, 478-483.	1.0	23
52	PARsylated transcription factor EB (TFEB) regulates the expression of a subset of Wnt target genes by forming a complex with β -catenin-TCF/LEF1. Cell Death and Differentiation, 2021, 28, 2555-2570.	5.0	21
53	Merlin, a regulator of Hippo signaling, regulates Wnt/ β -catenin signaling. BMB Reports, 2016, 49, 357-358.	1.1	21
54	Dual functions of DP1 promote biphasic Wnt-on and Wnt-off states during anteroposterior neural patterning. EMBO Journal, 2012, 31, 3384-3397.	3.5	20

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55	Ubiquitylation and degradation of adenomatous polyposis coli by MKRN1 enhances Wnt/ β -catenin signaling. <i>Oncogene</i> , 2018, 37, 4273-4286.	2.6	20
56	Axin-independent phosphorylation of APC controls β -catenin signaling via cytoplasmic retention of β -catenin. <i>Biochemical and Biophysical Research Communications</i> , 2007, 357, 81-86.	1.0	19
57	Molecular epidemiology of norovirus GII.4 variants in children under 5 years with sporadic acute gastroenteritis in South Korea during 2006-2013. <i>Journal of Clinical Virology</i> , 2014, 61, 340-344.	1.6	18
58	Regulation of the Low-Density Lipoprotein Receptor-Related Protein LRP6 and Its Association With Disease: Wnt/ β -Catenin Signaling and Beyond. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 714330.	1.8	18
59	LGK974 suppresses lipopolysaccharide-induced endotoxemia in mice by modulating the crosstalk between the Wnt/ β -catenin and NF- κ B pathways. <i>Experimental and Molecular Medicine</i> , 2021, 53, 407-421.	3.2	17
60	Wnt5a Potentiates U46619-Induced Platelet Aggregation via the PI3K/Akt Pathway. <i>Molecules and Cells</i> , 2011, 32, 333-336.	1.0	15
61	Dual Function of Wnt Signaling during Neuronal Differentiation of Mouse Embryonic Stem Cells. <i>Stem Cells International</i> , 2015, 2015, 1-10.	1.2	15
62	Regulation of Hippo signaling by metabolic pathways in cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119201.	1.9	15
63	Multinuclear giant cell formation is enhanced by down-regulation of Wnt signaling in gastric cancer cell line, AGS. <i>Experimental Cell Research</i> , 2005, 308, 18-28.	1.2	14
64	Defective neuronal migration and inhibition of bipolar to multipolar transition of migrating neural cells by Mesoderm-Specific Transcript, Mest, in the developing mouse neocortex. <i>Neuroscience</i> , 2017, 355, 126-140.	1.1	14
65	TFEB regulates pluripotency transcriptional network in mouse embryonic stem cells independent of autophagy-lysosomal biogenesis. <i>Cell Death and Disease</i> , 2021, 12, 343.	2.7	14
66	Protein Arginine Methyltransferase 1 Methylates Smurf2. <i>Molecules and Cells</i> , 2015, 38, 723-728.	1.0	14
67	Identification of <i>ptpro</i> as a novel target gene of Wnt signaling and its potential role as a receptor for Wnt. <i>FEBS Letters</i> , 2010, 584, 3923-3928.	1.3	13
68	Pja2 Inhibits Wnt/ β -catenin Signaling by Reducing the Level of TCF/LEF1. <i>International Journal of Stem Cells</i> , 2018, 11, 242-247.	0.8	12
69	Axin expression enhances herpes simplex virus type 1 replication by inhibiting virus-mediated cell death in L929 cells. <i>Journal of General Virology</i> , 2013, 94, 1636-1646.	1.3	11
70	LDL receptor-related protein LRP6 senses nutrient levels and regulates Hippo signaling. <i>EMBO Reports</i> , 2020, 21, e50103.	2.0	11
71	Induced expression of the transcription of tropomodulin 1 by Wnt5a and characterization of the tropomodulin 1 promoter. <i>Biochemical and Biophysical Research Communications</i> , 2007, 363, 727-732.	1.0	10
72	Wip1 directly dephosphorylates NLK and increases Wnt activity during germ cell development. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 1013-1022.	1.8	10

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73	Dual role of YAP: oncoprotein and tumor suppressor. <i>Journal of Thoracic Disease</i> , 2018, 10, S3895-S3898.	0.6	10
74	Keratinocytes negatively regulate the N-cadherin levels of melanoma cells via contact-mediated calcium regulation. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 615-620.	1.0	10
75	Enhancement of neuronal differentiation by using small molecules modulating Nodal/Smad, Wnt/ β^2 -catenin, and FGF signaling. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 352-358.	1.0	10
76	Deubiquitinase YOD1: the potent activator of YAP in hepatomegaly and liver cancer. <i>BMB Reports</i> , 2017, 50, 281-282.	1.1	10
77	Induction of cancer cell-specific death via MMP2 promoter-dependent Bax expression. <i>BMB Reports</i> , 2009, 42, 217-222.	1.1	9
78	High prevalence of amantadine-resistant influenza A virus isolated in Gyeonggi Province, South Korea, during 2005-2010. <i>Archives of Virology</i> , 2013, 158, 241-245.	0.9	8
79	Hypermethylation of Mest promoter causes aberrant Wnt signaling in patients with Alzheimer's disease. <i>Scientific Reports</i> , 2021, 11, 20075.	1.6	8
80	Accumulation and Aberrant Modifications of β -Crystallins in Anterior Polar Cataracts. <i>Yonsei Medical Journal</i> , 2004, 45, 73.	0.9	7
81	The Distinct Role of Tcfs and Lef1 in the Self-Renewal or Differentiation of Mouse Embryonic Stem Cells. <i>International Journal of Stem Cells</i> , 2020, 13, 192-201.	0.8	5
82	Oseltamivir-resistant influenza viruses isolated in South Korea from 2005 to 2010. <i>Archives of Virology</i> , 2013, 158, 2365-2370.	0.9	3
83	O-GlcNAcylation: An Emerging Protein Modification Regulating the Hippo Pathway. <i>Cancers</i> , 2022, 14, 3013.	1.7	3
84	Hippo signaling: Special issue of <i>BMB Reports</i> in 2018. <i>BMB Reports</i> , 2018, 51, 105-105.	1.1	1
85	Wnt Signal Transduction and Its Involvement in Human Diseases. <i>Journal of Korean Endocrine Society</i> , 2005, 20, 306.	0.1	1
86	Complementary Wnt Sources Regulate Lymphatic Vascular Development Via PROX1-Dependent Wnt/ β -Catenin Signaling. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
87	In vitro NLK Kinase Assay. <i>Bio-protocol</i> , 2017, 7, e2593.	0.2	0