

Eek-hoon Jho

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82

papers

3,979

citations

30

h-index

62

g-index

90

ext. papers

4,603

ext. citations

6.2

avg, IF

5.32

L-index

#	Paper	IF	Citations
82	Wnt/beta-catenin/Tcf signaling induces the transcription of Axin2, a negative regulator of the signaling pathway. <i>Molecular and Cellular Biology</i> , 2002 , 22, 1172-83	4.8	1319
81	Domains of axin involved in protein-protein interactions, Wnt pathway inhibition, and intracellular localization. <i>Journal of Cell Biology</i> , 1999 , 145, 741-56	7.3	229
80	Wnt/βcatenin signalling: from plasma membrane to nucleus. <i>Biochemical Journal</i> , 2013 , 450, 9-21	3.8	213
79	Hippo signaling interactions with Wnt/βcatenin and Notch signaling repress liver tumorigenesis. <i>Journal of Clinical Investigation</i> , 2017 , 127, 137-152	15.9	122
78	Phosphorylation by NLK inhibits YAP-14-3-3-interactions and induces its nuclear localization. <i>EMBO Reports</i> , 2017 , 18, 61-71	6.5	89
77	Wnt-7a causes loss of differentiated phenotype and inhibits apoptosis of articular chondrocytes via different mechanisms. <i>Journal of Biological Chemistry</i> , 2004 , 279, 26597-604	5.4	88
76	Hydrogen peroxide negatively modulates Wnt signaling through downregulation of beta-catenin. <i>Cancer Letters</i> , 2004 , 212, 225-31	9.9	87
75	Purification of GSK-3 by affinity chromatography on immobilized axin. <i>Protein Expression and Purification</i> , 2000 , 20, 394-404	2	83
74	Mechanotransduction activates canonical Wnt/βcatenin signaling to promote lymphatic vascular patterning and the development of lymphatic and lymphovenous valves. <i>Genes and Development</i> , 2016 , 30, 1454-69	12.6	77
73	A GSK3β phosphorylation site in axin modulates interaction with beta-catenin and Tcf-mediated gene expression. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 266, 28-35	3.4	75
72	Osmotic stress-induced phosphorylation by NLK at Ser128 activates YAP. <i>EMBO Reports</i> , 2017 , 18, 72-866.5		72
71	The role of GDNF in patterning the excretory system. <i>Developmental Biology</i> , 2005 , 283, 70-84	3.1	67
70	Identification of a stroma-mediated Wnt/beta-catenin signal promoting self-renewal of hematopoietic stem cells in the stem cell niche. <i>Stem Cells</i> , 2009 , 27, 1318-29	5.8	59
69	Axin inhibits extracellular signal-regulated kinase pathway by Ras degradation via beta-catenin. <i>Journal of Biological Chemistry</i> , 2007 , 282, 14482-92	5.4	58
68	c-Jun amino-terminal kinase is regulated by Galpha12/Galpha13 and obligate for differentiation of P19 embryonal carcinoma cells by retinoic acid. <i>Journal of Biological Chemistry</i> , 1997 , 272, 24468-74	5.4	57
67	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, 36420-6	5.4	54
66	Domains of axin and disheveled required for interaction and function in wnt signaling. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 276, 1162-9	3.4	54

65	LPS-induced inflammatory response is suppressed by Wnt inhibitors, Dickkopf-1 and LGK974. <i>Scientific Reports</i> , 2017 , 7, 41612	4.9	51
64	Cross-talk between Wnt/ β -catenin and Hippo signaling pathways: a brief review. <i>BMB Reports</i> , 2014 , 47, 540-5	5.5	51
63	Mest/Peg1 inhibits Wnt signalling through regulation of LRP6 glycosylation. <i>Biochemical Journal</i> , 2011 , 436, 263-9	3.8	50
62	Ectopic expression of Axin blocks neuronal differentiation of embryonic carcinoma P19 cells. <i>Journal of Biological Chemistry</i> , 2003 , 278, 13487-95	5.4	44
61	Protein arginine methyltransferases (PRMTs) as therapeutic targets. <i>Expert Opinion on Therapeutic Targets</i> , 2012 , 16, 651-64	6.4	41
60	Galpha12 and Galpha13 mediate differentiation of P19 mouse embryonal carcinoma cells in response to retinoic acid. <i>Journal of Biological Chemistry</i> , 1997 , 272, 24461-7	5.4	38
59	Modulation of beta-catenin phosphorylation/degradation by cyclin-dependent kinase 2. <i>Journal of Biological Chemistry</i> , 2004 , 279, 19592-9	5.4	38
58	Complementary Wnt Sources Regulate Lymphatic Vascular Development via PROX1-Dependent Wnt/ β -Catenin Signaling. <i>Cell Reports</i> , 2018 , 25, 571-584.e5	10.6	35
57	Olig2-induced neural stem cell differentiation involves downregulation of Wnt signaling and induction of Dickkopf-1 expression. <i>PLoS ONE</i> , 2008 , 3, e3917	3.7	34
56	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	11.5	33
55	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, 49188-98	5.4	32
54	Regulation of the Hippo signaling pathway by ubiquitin modification. <i>BMB Reports</i> , 2018 , 51, 143-150	5.5	31
53	Xenopus Wntless and the retromer complex cooperate to regulate XWnt4 secretion. <i>Molecular and Cellular Biology</i> , 2009 , 29, 2118-28	4.8	30
52	Axin localizes to mitotic spindles and centrosomes in mitotic cells. <i>Experimental Cell Research</i> , 2009 , 315, 943-54	4.2	30
51	Hippo signaling is intrinsically regulated during cell cycle progression by APC/C. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 9423-9432	11.5	29
50	Interaction of tankyrase and peroxiredoxin II is indispensable for the survival of colorectal cancer cells. <i>Nature Communications</i> , 2017 , 8, 40	17.4	28
49	Focal adhesion kinase is negatively regulated by phosphorylation at tyrosine 407. <i>Journal of Biological Chemistry</i> , 2007 , 282, 10398-404	5.4	28
48	PKC inhibitors RO 31-8220 and G16983 enhance epinephrine-induced platelet aggregation in catecholamine hypo-responsive platelets by enhancing Akt phosphorylation. <i>BMB Reports</i> , 2011 , 44, 140-5	5.5	28

47	The history and regulatory mechanism of the Hippo pathway. <i>BMB Reports</i> , 2018 , 51, 106-118	5.5	28
46	Downregulation of Wnt/ β -catenin signaling causes degeneration of hippocampal neurons in vivo. <i>Neurobiology of Aging</i> , 2011 , 32, 2316.e1-15	5.6	25
45	Wnt/ β -catenin signaling regulates expression of PRDC, an antagonist of the BMP-4 signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 354, 296-301	3.4	25
44	Negative feedback regulation of Wnt signaling by Gbetagamma-mediated reduction of Dishevelled. <i>Experimental and Molecular Medicine</i> , 2009 , 41, 695-706	12.8	24
43	Multiple isoforms of beta-TrCP display differential activities in the regulation of Wnt signaling. <i>Cellular Signalling</i> , 2009 , 21, 43-51	4.9	24
42	Smek promotes histone deacetylation to suppress transcription of Wnt target gene brachyury in pluripotent embryonic stem cells. <i>Cell Research</i> , 2011 , 21, 911-21	24.7	21
41	Clinical analysis of spinal stereotactic radiosurgery in the treatment of neurogenic tumors. <i>Journal of Neurosurgery: Spine</i> , 2015 , 23, 429-37	2.8	20
40	Molecular epidemiology of norovirus GI.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, 340-4	14.5	17
39	Axin-independent phosphorylation of APC controls β -catenin signaling via cytoplasmic retention of β -catenin. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 357, 81-6	3.4	17
38	-GlcNAcylation on LATS2 disrupts the Hippo pathway by inhibiting its activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 14259-14269	11.5	15
37	Dual Function of Wnt Signaling during Neuronal Differentiation of Mouse Embryonic Stem Cells. <i>Stem Cells International</i> , 2015 , 2015, 459301	5	15
36	Dual functions of DP1 promote biphasic Wnt-on and Wnt-off states during anteroposterior neural patterning. <i>EMBO Journal</i> , 2012 , 31, 3384-97	13	15
35	Wnt5a potentiates U46619-induced platelet aggregation via the PI3K/Akt pathway. <i>Molecules and Cells</i> , 2011 , 32, 333-6	3.5	15
34	Merlin, a regulator of Hippo signaling, regulates Wnt/ β -catenin signaling. <i>BMB Reports</i> , 2016 , 49, 357-8	5.5	15
33	A concise review of human brain methylome during aging and neurodegenerative diseases. <i>BMB Reports</i> , 2019 , 52, 577-588	5.5	15
32	D-tyrosine negatively regulates melanin synthesis by competitively inhibiting tyrosinase activity. <i>Pigment Cell and Melanoma Research</i> , 2018 , 31, 374-383	4.5	15
31	Ubiquitylation and degradation of adenomatous polyposis coli by MKRN1 enhances Wnt/ β -catenin signaling. <i>Oncogene</i> , 2018 , 37, 4273-4286	9.2	14
30	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	4.2	13

29	Cyclin-dependent kinase 2 regulates the interaction of Axin with beta-catenin. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 317, 478-83	3.4	13
28	Identification of ptpro as a novel target gene of Wnt signaling and its potential role as a receptor for Wnt. <i>FEBS Letters</i> , 2010 , 584, 3923-8	3.8	12
27	SGK1 inhibition in glia ameliorates pathologies and symptoms in Parkinson disease animal models. <i>EMBO Molecular Medicine</i> , 2021 , 13, e13076	12	12
26	Protein Arginine Methyltransferase 1 Methylates Smurf2. <i>Molecules and Cells</i> , 2015 , 38, 723-8	3.5	11
25	MAML1/2 promote YAP/TAZ nuclear localization and tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 13529-13540	11.5	10
24	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, 727-32	3.4	10
23	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	3.4	9
22	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	6.9	8
21	Enhancement of neuronal differentiation by using small molecules modulating Nodal/Smad, Wnt/ β -catenin, and FGF signaling. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 503, 352-358	3.4	8
20	High prevalence of amantadine-resistant influenza A virus isolated in Gyeonggi Province, South Korea, during 2005-2010. <i>Archives of Virology</i> , 2013 , 158, 241-5	2.6	8
19	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	4.9	8
18	LDL receptor-related protein LRP6 senses nutrient levels and regulates Hippo signaling. <i>EMBO Reports</i> , 2020 , 21, e50103	6.5	8
17	Accumulation and aberrant modifications of alpha-crystallins in anterior polar cataracts. <i>Yonsei Medical Journal</i> , 2004 , 45, 73-80	3	7
16	TAZ/Wnt/ β -catenin/c-MYC axis regulates cystogenesis in polycystic kidney disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 29001-29012	11.5	7
15	Role of the Hippo pathway and mechanisms for controlling cellular localization of YAP/TAZ. <i>FEBS Journal</i> , 2021 ,	5.7	7
14	Induction of cancer cell-specific death via MMP2 promoterdependent Bax expression. <i>BMB Reports</i> , 2009 , 42, 217-22	5.5	6
13	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	3.9	5
12	Pja2 Inhibits Wnt/ β -catenin Signaling by Reducing the Level of TCF/LEF1. <i>International Journal of Stem Cells</i> , 2018 , 11, 242-247	3	5

11	PARsylated transcription factor EB (TFEB) regulates the expression of a subset of Wnt target genes by forming a complex with Eatenin-TCF/LEF1. <i>Cell Death and Differentiation</i> , 2021 , 28, 2555-2570	12.7	5
10	Regulation of the Low-Density Lipoprotein Receptor-Related Protein LRP6 and Its Association With Disease: Wnt/Eatenin Signaling and Beyond. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 714330	5.7	4
9	Oseltamivir-resistant influenza viruses isolated in South Korea from 2005 to 2010. <i>Archives of Virology</i> , 2013 , 158, 2365-70	2.6	3
8	LGK974 suppresses lipopolysaccharide-induced endotoxemia in mice by modulating the crosstalk between the Wnt/Eatenin and NF-B pathways. <i>Experimental and Molecular Medicine</i> , 2021 , 53, 407-421	12.8	3
7	TFEB regulates pluripotency transcriptional network in mouse embryonic stem cells independent of autophagy-lysosomal biogenesis. <i>Cell Death and Disease</i> , 2021 , 12, 343	9.8	3
6	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	3	1
5	Hypermethylation of Mest promoter causes aberrant Wnt signaling in patients with Alzheimer's disease. <i>Scientific Reports</i> , 2021 , 11, 20075	4.9	1
4	Wnt Signal Transduction and Its Involvement in Human Diseases. <i>Journal of Korean Endocrine Society</i> , 2005 , 20, 306		1
3	Complementary Wnt Sources Regulate Lymphatic Vascular Development Via PROX1-Dependent Wnt/Eatenin-Catenin Signaling. <i>SSRN Electronic Journal</i> ,	1	1
2	Regulation of Hippo signaling by metabolic pathways in cancer.. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022 , 1869, 119201	4.9	0
1	NLK Kinase Assay. <i>Bio-protocol</i> , 2017 , 7, e2593	0.9	