Hiroshi Shibuya

List of Publications by Year
in descending order

33	3,449	304743 22	414414 32
papers	citations	h-index	g-index

33	33	33	4204
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The TAK1â€“NLKâ€“MAPK-related pathway antagonizes signalling between Î²-catenin and transcription factor TCF. Nature, 1999, 399, 798-802.	27.8	569
2	The TAK1-NLK Mitogen-Activated Protein Kinase Cascade Functions in the Wnt-5a/Ca²⁺ Pathway To Antagonize Wnt/Î²-Catenin Signaling. Molecular and Cellular Biology, 2003, 23, 131-139.	2.3	503
3	Interaction between Wnt and TGF-Î² signalling pathways during formation of Spemann's organizer. Nature, 2000, 403, 781-785.	27.8	439
4	WNK1 Regulates Phosphorylation of Cation-Chloride-coupled Cotransporters via the STE20-related Kinases, SPAK and OSR1. Journal of Biological Chemistry, 2005, 280, 42685-42693.	3.4	401
5	Molecular Pathogenesis of Pseudohypoaldosteronism Type II: Generation and Analysis of a Wnk4D561A/+ Knockin Mouse Model. Cell Metabolism, 2007, 5, 331-344.	16.2	287
6	Development of a novel selective inhibitor of the Down syndrome-related kinase Dyrk1A. Nature Communications, 2010, 1, 86.	12.8	226
7	Regulation of the activity of the transcription factor Runx2 by two homeobox proteins, Msx2 and Dlx5. Genes To Cells, 2001, 6, 851-856.	1.2	167
8	NARF, an Nemo-like Kinase (NLK)-associated Ring Finger Protein Regulates the Ubiquitylation and Degradation of T Cell Factor/Lymphoid Enhancer Factor (TCF/LEF). Journal of Biological Chemistry, 2006, 281, 20749-20760.	3.4	118
9	Role of the TAK1-NLK-STAT3 pathway in TGF-Â-mediated mesoderm induction. Genes and Development, 2004, 18, 381-386.	5.9	96
10	Selective inhibition of the kinase DYRK1A by targeting its folding process. Nature Communications, 2016, 7, 11391.	12.8	66
11	Involvement of NLK and Sox11 in neural induction inXenopusdevelopment. Genes To Cells, 2002, 7, 487-496.	1.2	62
12	BRAM1, a BMP receptorâ€associated molecule involved in BMP signalling. Genes To Cells, 1998, 3, 257-264.	1.2	46
13	Inhibition of BMP2-induced, TAK1 kinase-mediated neurite outgrowth by Smad6 and Smad7. Genes To Cells, 2001, 6, 1091-1099.	1.2	45
14	Caenorhabditis elegans WNKâ€“STE20 pathway regulates tube formation by modulating ClC channel activity. EMBO Reports, 2008, 9, 70-75.	4.5	41
15	Cloning and Characterization of a Rat Ortholog of MMP-23 (Matrix Metalloproteinase-23), a Unique Type of Membrane-Anchored Matrix Metalloproteinase and Conditioned Switching of Its Expression during the Ovarian Follicular Development. Molecular Endocrinology, 2001, 15, 747-764.	3.7	40
16	IQGAP1 Protein Regulates Nuclear Localization of Î²-Catenin via Importin-Î²5 Protein in Wnt Signaling. Journal of Biological Chemistry, 2013, 288, 36351-36360.	3.4	38
17	BIP, a BRAM-interacting protein involved in TGF-Î² signalling, regulates body length inCaenorhabditis elegans. Genes To Cells, 2001, 6, 599-606.	1.2	36
18	Negative regulation of Wnt signalling by HMG2L1, a novel NLK-binding protein. Genes To Cells, 2003, 8, 677-684.	1.2	30

#	Article	IF	Citations
19	Hipk2 and PP1c Cooperate to Maintain Dvl Protein Levels Required for Wnt Signal Transduction. Cell Reports, 2014, 8, 1391-1404.	6.4	30
20	<scp>WDR</scp>26 is a new partner of Axin1 in the canonical Wnt signaling pathway. FEBS Letters, 2016, 590, 1291-1303.	2.8	27
21	Smad8B, a Smad8 splice variant lacking the SSXS site that inhibits Smad8-mediated signalling. Genes To Cells, 1999, 4, 583-591.	1.2	25
22	IQGAP1 Functions as a Modulator of Dishevelled Nuclear Localization in Wnt Signaling. PLoS ONE, 2013, 8, e60865.	2.5	24
23	Nemo-Like Kinase-Myocyte Enhancer Factor 2A Signaling Regulates Anterior Formation in Xenopus Development. Molecular and Cellular Biology, 2007, 27, 7623-7630.	2.3	21
24	Nemo-Like Kinase, an Essential Effector of Anterior Formation, Functions Downstream of p38 Mitogen-Activated Protein Kinase. Molecular and Cellular Biology, 2010, 30, 675-683.	2.3	20
25	WNK Signaling Is Involved in Neural Development via Lhx8/Awh Expression. PLoS ONE, 2013, 8, e55301.	2.5	20
26	Chaperone complex <scp>BAG</scp>2â€“<scp>HSC</scp>70 regulates localization of Caenorhabditis elegans leucineâ€rich repeat kinase <scp>LRK</scp>â€1 to the Golgi. Genes To Cells, 2016, 21, 311-324.	1.2	16
27	WNK regulates Wnt signalling and Î²-Catenin levels by interfering with the interaction between Î²-Catenin and GID. Communications Biology, 2020, 3, 666.	4.4	16
28	Xenopus furry contributes to release of microRNA gene silencing. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19344-19349.	7.1	14
29	Glycogen synthase kinase 3ÃŸ functions as a positive effector in the WNK signaling pathway. PLoS ONE, 2018, 13, e0193204.	2.5	9
30	MFB-1, an F-box-type ubiquitin ligase, regulates TGF-Î² signalling. Genes To Cells, 2004, 9, 1093-1101.	1.2	8
31	WNK 4 is an essential effector of anterior formation in FGF signaling. Genes To Cells, 2013, 18, 442-449.	1.2	6
32	ccr7 affects both morphogenesis and differentiation during early Xenopus embryogenesis. Development Growth and Differentiation, 2022, , .	1.5	3
33	TMEPAI, a transmembrane TGF-Î²-inducible protein, sequesters Smad proteins in TGF-Î² signaling. Nature Precedings, 2007, , .	0.1	0