

# Hiroshi Shibuya

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The TAK1-NLK-MAPK-related pathway antagonizes signalling between $\beta^2$ -catenin and transcription factor TCF. <i>Nature</i> , 1999, 399, 798-802.	36.2	581
2	The TAK1-NLK Mitogen-Activated Protein Kinase Cascade Functions in the Wnt-5a/ $Ca^{2+}$ Pathway To Antagonize Wnt/ $\beta^2$ -Catenin Signaling. <i>Molecular and Cellular Biology</i> , 2003, 23, 131-139.	2.5	515
3	Interaction between Wnt and TGF- $\beta^2$ signalling pathways during formation of Spemann's organizer. <i>Nature</i> , 2000, 403, 781-785.	36.2	443
4	WNK1 Regulates Phosphorylation of Cation-Chloride-coupled Cotransporters via the STE20-related Kinases, SPAK and OSR1. <i>Journal of Biological Chemistry</i> , 2005, 280, 42685-42693.	3.5	411
5	Molecular Pathogenesis of Pseudohypoaldosteronism Type II: Generation and Analysis of a Wnk4D561A/+ Knockin Mouse Model. <i>Cell Metabolism</i> , 2007, 5, 331-344.	15.8	290
6	Development of a novel selective inhibitor of the Down syndrome-related kinase Dyrk1A. <i>Nature Communications</i> , 2010, 1, 86.	13.2	235
7	Regulation of the activity of the transcription factor Runx2 by two homeobox proteins, Msx2 and Dlx5. <i>Genes To Cells</i> , 2001, 6, 851-856.	1.3	172
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). <i>Journal of Biological Chemistry</i> , 2006, 281, 20749-20760.	3.5	118
9	Role of the TAK1-NLK-STAT3 pathway in TGF- $\beta$ -mediated mesoderm induction. <i>Genes and Development</i> , 2004, 18, 381-386.	5.9	96
10	Selective inhibition of the kinase DYRK1A by targeting its folding process. <i>Nature Communications</i> , 2016, 7, 11391.	13.2	69
11	Involvement of NLK and Sox11 in neural induction in <i>Xenopus</i> development. <i>Genes To Cells</i> , 2002, 7, 487-496.	1.3	62
12	BRAM1, a BMP receptor-associated molecule involved in BMP signalling. <i>Genes To Cells</i> , 1998, 3, 257-264.	1.3	47
13	Inhibition of BMP2-induced, TAK1 kinase-mediated neurite outgrowth by Smad6 and Smad7. <i>Genes To Cells</i> , 2001, 6, 1091-1099.	1.3	45
14	<i>Caenorhabditis elegans</i> WNK-NLK-STE20 pathway regulates tube formation by modulating ClC channel activity. <i>EMBO Reports</i> , 2008, 9, 70-75.	5.1	42
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. <i>Molecular Endocrinology</i> , 2001, 15, 747-764.	3.4	40
16	IQGAP1 Protein Regulates Nuclear Localization of $\beta^2$ -Catenin via Importin- $\beta^5$ Protein in Wnt Signaling. <i>Journal of Biological Chemistry</i> , 2013, 288, 36351-36360.	3.5	39
17	BIP, a BRAM-interacting protein involved in TGF- $\beta^2$ signalling, regulates body length in <i>Caenorhabditis elegans</i> . <i>Genes To Cells</i> , 2001, 6, 599-606.	1.3	36
18	Negative regulation of Wnt signalling by HMG2L1, a novel NLK-binding protein. <i>Genes To Cells</i> , 2003, 8, 677-684.	1.3	31

#	ARTICLE	IF	CITATIONS
19	Hipk2 and PP1c Cooperate to Maintain Dvl Protein Levels Required for Wnt Signal Transduction. <i>Cell Reports</i> , 2014, 8, 1391-1404.	6.3	30
20	IQGAP1 Functions as a Modulator of Dishevelled Nuclear Localization in Wnt Signaling. <i>PLoS ONE</i> , 2013, 8, e60865.	2.5	26
21	Smad8B, a Smad8 splice variant lacking the SSXS site that inhibits Smad8-mediated signalling. <i>Genes To Cells</i> , 1999, 4, 583-591.	1.3	25
22	Nemo-Like Kinase-Myocyte Enhancer Factor 2A Signaling Regulates Anterior Formation in <i>Xenopus</i> Development. <i>Molecular and Cellular Biology</i> , 2007, 27, 7623-7630.	2.5	21
23	WNK Signaling Is Involved in Neural Development via Lhx8/Awh Expression. <i>PLoS ONE</i> , 2013, 8, e55301.	2.5	21
24	Nemo-Like Kinase, an Essential Effector of Anterior Formation, Functions Downstream of p38 Mitogen-Activated Protein Kinase. <i>Molecular and Cellular Biology</i> , 2010, 30, 675-683.	2.5	20
25	WNK regulates Wnt signalling and $\beta^2$ -Catenin levels by interfering with the interaction between $\beta^2$ -Catenin and GID. <i>Communications Biology</i> , 2020, 3, 666.	4.5	17
26	Chaperone complex BAG <sup>2</sup> and HSC70 regulates localization of <i>Caenorhabditis elegans</i> leucine-rich repeat kinase LRK1 to the Golgi. <i>Genes To Cells</i> , 2016, 21, 311-324.	1.3	16
27	<i>Xenopus</i> furry contributes to release of microRNA gene silencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19344-19349.	7.6	14
28	Glycogen synthase kinase 3 $\gamma$ functions as a positive effector in the WNK signaling pathway. <i>PLoS ONE</i> , 2018, 13, e0193204.	2.5	9
29	MFB-1, an F-box-type ubiquitin ligase, regulates TGF- $\beta^2$ signalling. <i>Genes To Cells</i> , 2004, 9, 1093-1101.	1.3	8
30	WNK 4 is an essential effector of anterior formation in FGF signaling. <i>Genes To Cells</i> , 2013, 18, 442-449.	1.3	6
31	<i>ccr7</i> affects both morphogenesis and differentiation during early <i>Xenopus</i> embryogenesis. <i>Development Growth and Differentiation</i> , 2022, 64, 254-260.	1.6	3
32	TMEPAI, a transmembrane TGF- $\beta^2$ -inducible protein, sequesters Smad proteins in TGF- $\beta^2$ signaling. <i>Nature Precedings</i> , 2007, , .	0.0	0