

Yasuhiro Minami

List of Publications by Citations

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78
papers

20,526
citations

39
h-index

83
g-index

83
ext. papers

24,533
ext. citations

6
avg, IF

6.72
L-index

#	Paper	IF	Citations
78	Ror2 signaling regulates Golgi structure and transport through IFT20 for tumor invasiveness. <i>Scientific Reports</i> , 2017 , 7, 1	4.9	14841
77	The receptor tyrosine kinase Ror2 is involved in non-canonical Wnt5a/JNK signalling pathway. <i>Genes To Cells</i> , 2003 , 8, 645-54	2.3	559
76	A histone lysine methyltransferase activated by non-canonical Wnt signalling suppresses PPAR-gamma transactivation. <i>Nature Cell Biology</i> , 2007 , 9, 1273-85	23.4	370
75	Wnt signaling gradients establish planar cell polarity by inducing Vangl2 phosphorylation through Ror2. <i>Developmental Cell</i> , 2011 , 20, 163-76	10.2	355
74	Wnt5a-Ror2 signaling between osteoblast-lineage cells and osteoclast precursors enhances osteoclastogenesis. <i>Nature Medicine</i> , 2012 , 18, 405-12	50.5	337
73	Wip1 phosphatase modulates ATM-dependent signaling pathways. <i>Molecular Cell</i> , 2006 , 23, 757-64	17.6	285
72	Cthrc1 selectively activates the planar cell polarity pathway of Wnt signaling by stabilizing the Wnt-receptor complex. <i>Developmental Cell</i> , 2008 , 15, 23-36	10.2	233
71	Mouse Ror2 receptor tyrosine kinase is required for the heart development and limb formation. <i>Genes To Cells</i> , 2000 , 5, 71-8	2.3	177
70	Ror-family receptor tyrosine kinases in noncanonical Wnt signaling: their implications in developmental morphogenesis and human diseases. <i>Developmental Dynamics</i> , 2010 , 239, 1-15	2.9	167
69	Wnt5a regulates directional cell migration and cell proliferation via Ror2-mediated noncanonical pathway in mammalian palate development. <i>Development (Cambridge)</i> , 2008 , 135, 3871-9	6.6	167
68	Filopodia formation mediated by receptor tyrosine kinase Ror2 is required for Wnt5a-induced cell migration. <i>Journal of Cell Biology</i> , 2006 , 175, 555-62	7.3	167
67	Receptor tyrosine kinase Ror2 mediates Wnt5a-induced polarized cell migration by activating c-Jun N-terminal kinase via actin-binding protein filamin A. <i>Journal of Biological Chemistry</i> , 2008 , 283, 27973-27981	5.4	155
66	Cell/tissue-tropic functions of Wnt5a signaling in normal and cancer cells. <i>Trends in Cell Biology</i> , 2010 , 20, 346-54	18.3	139
65	Protein tyrosine kinase Syk is associated with and activated by the IL-2 receptor: possible link with the c-myc induction pathway. <i>Immunity</i> , 1995 , 2, 89-100	32.3	137
64	Ror2/Frizzled complex mediates Wnt5a-induced AP-1 activation by regulating Dishevelled polymerization. <i>Molecular and Cellular Biology</i> , 2010 , 30, 3610-9	4.8	130
63	Ror2 receptor requires tyrosine kinase activity to mediate Wnt5A signaling. <i>Journal of Biological Chemistry</i> , 2009 , 284, 30167-76	5.4	127
62	Expression of the receptor tyrosine kinase genes, Ror1 and Ror2, during mouse development. <i>Mechanisms of Development</i> , 2001 , 105, 153-6	1.7	113

61	Loss of mRor1 enhances the heart and skeletal abnormalities in mRor2-deficient mice: redundant and pleiotropic functions of mRor1 and mRor2 receptor tyrosine kinases. <i>Molecular and Cellular Biology</i> , 2001 , 21, 8329-35	4.8	108
60	Regulation of outgrowth and apoptosis for the terminal appendage: external genitalia development by concerted actions of BMP signaling [corrected]. <i>Development (Cambridge)</i> , 2003 , 130, 6209-20	6.6	105
59	Spatio-temporally regulated expression of receptor tyrosine kinases, mRor1, mRor2, during mouse development: implications in development and function of the nervous system. <i>Genes To Cells</i> , 1999 , 4, 41-56	2.3	99
58	Noncanonical Wnt5a enhances Wnt/ β -catenin signaling during osteoblastogenesis. <i>Scientific Reports</i> , 2014 , 4, 4493	4.9	93
57	Ror2 knockout mouse as a model for the developmental pathology of autosomal recessive Robinow syndrome. <i>Developmental Dynamics</i> , 2004 , 229, 400-10	2.9	93
56	Modulation of GDF5/BRI-b signalling through interaction with the tyrosine kinase receptor Ror2. <i>Genes To Cells</i> , 2004 , 9, 1227-38	2.3	87
55	Critical role of Wnt5a-Ror2 signaling in motility and invasiveness of carcinoma cells following Snail-mediated epithelial-mesenchymal transition. <i>Genes To Cells</i> , 2011 , 16, 304-15	2.3	76
54	The receptor tyrosine kinase Ror2 associates with and is activated by casein kinase Iepsilon. <i>Journal of Biological Chemistry</i> , 2004 , 279, 50102-9	5.4	73
53	Expression and function of the Ror-family receptor tyrosine kinases during development: lessons from genetic analyses of nematodes, mice, and humans. <i>Journal of Receptor and Signal Transduction Research</i> , 2003 , 23, 1-15	2.6	73
52	A novel Drosophila receptor tyrosine kinase expressed specifically in the nervous system. Unique structural features and implication in developmental signaling. <i>Journal of Biological Chemistry</i> , 1997 , 272, 11916-23	5.4	72
51	Wnt5a modulates glycogen synthase kinase 3 to induce phosphorylation of receptor tyrosine kinase Ror2. <i>Genes To Cells</i> , 2007 , 12, 1215-23	2.3	70
50	Ror2 modulates the canonical Wnt signaling in lung epithelial cells through cooperation with Fzd2. <i>BMC Molecular Biology</i> , 2008 , 9, 11	4.5	69
49	Insight into the role of Wnt5a-induced signaling in normal and cancer cells. <i>International Review of Cell and Molecular Biology</i> , 2015 , 314, 117-48	6	64
48	Ror2 is required for midgut elongation during mouse development. <i>Developmental Dynamics</i> , 2010 , 239, 941-53	2.9	64
47	The receptor tyrosine kinase Ror2 associates with the melanoma-associated antigen (MAGE) family protein Dlxin-1 and regulates its intracellular distribution. <i>Journal of Biological Chemistry</i> , 2003 , 278, 29057-64	5.4	52
46	Dissection of Wnt5a-Ror2 signaling leading to matrix metalloproteinase (MMP-13) expression. <i>Journal of Biological Chemistry</i> , 2012 , 287, 1588-99	5.4	46
45	Arsenic trioxide augments Chk2/p53-mediated apoptosis by inhibiting oncogenic Wip1 phosphatase. <i>Journal of Biological Chemistry</i> , 2008 , 283, 18969-79	5.4	46
44	Wnt5a-Ror2 signaling in mesenchymal stem cells promotes proliferation of gastric cancer cells by activating CXCL16-CXCR6 axis. <i>Cancer Science</i> , 2016 , 107, 290-7	6.9	43

43	Ror family receptor tyrosine kinases regulate the maintenance of neural progenitor cells in the developing neocortex. <i>Journal of Cell Science</i> , 2012 , 125, 2017-29	5.3	43
42	The Wnt5a-Ror2 axis promotes the signaling circuit between interleukin-12 and interferon- γ colitis. <i>Scientific Reports</i> , 2015 , 5, 10536	4.9	41
41	A critical role for cyclin C in promotion of the hematopoietic cell cycle by cooperation with c-Myc. <i>Molecular and Cellular Biology</i> , 1998 , 18, 3445-54	4.8	40
40	Role of Wnt5a-Ror2 signaling in morphogenesis of the metanephric mesenchyme during ureteric budding. <i>Molecular and Cellular Biology</i> , 2014 , 34, 3096-105	4.8	39
39	IL-6-accelerated calcification by induction of ROR2 in human adipose tissue-derived mesenchymal stem cells is STAT3 dependent. <i>Rheumatology</i> , 2014 , 53, 1282-90	3.9	36
38	Protein kinase N3 promotes bone resorption by osteoclasts in response to Wnt5a-Ror2 signaling. <i>Science Signaling</i> , 2017 , 10,	8.8	36
37	Diverse regulation of mammary epithelial growth and branching morphogenesis through noncanonical Wnt signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 3121-3126	11.5	35
36	H-Ras/mitogen-activated protein kinase pathway inhibits integrin-mediated adhesion and induces apoptosis in osteoblasts. <i>Journal of Biological Chemistry</i> , 2002 , 277, 21446-52	5.4	35
35	Ror2 expression in squamous cell carcinoma and epithelial dysplasia of the oral cavity. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009 , 107, 398-406		32
34	Activation of Wnt5a-Ror2 signaling associated with epithelial-to-mesenchymal transition of tubular epithelial cells during renal fibrosis. <i>Genes To Cells</i> , 2013 , 18, 608-19	2.3	31
33	Synchronized mesenchymal cell polarization and differentiation shape the formation of the murine trachea and esophagus. <i>Nature Communications</i> , 2018 , 9, 2816	17.4	30
32	Mice lacking the orphan receptor ror1 have distinct skeletal abnormalities and are growth retarded. <i>Developmental Dynamics</i> , 2010 , 239, 2266-77	2.9	29
31	ROR1 is essential for proper innervation of auditory hair cells and hearing in humans and mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 5993-8	11.5	28
30	Mesenchymal stem cell-derived CXCL16 promotes progression of gastric cancer cells by STAT3-mediated expression of Ror1. <i>Cancer Science</i> , 2020 , 111, 1254-1265	6.9	26
29	Filamin associates with stress signalling kinases MKK7 and MKK4 and regulates JNK activation. <i>Biochemical Journal</i> , 2010 , 427, 237-45	3.8	23
28	Diabetic osteopenia by decreased β -catenin signaling is partly induced by epigenetic derepression of sFRP-4 gene. <i>PLoS ONE</i> , 2014 , 9, e102797	3.7	20
27	Critical role of Ror2 receptor tyrosine kinase in regulating cell cycle progression of reactive astrocytes following brain injury. <i>Glia</i> , 2017 , 65, 182-197	9	19
26	Regulatory mechanisms and cellular functions of non-centrosomal microtubules. <i>Journal of Biochemistry</i> , 2017 , 162, 1-10	3.1	18

25	The Ror1 receptor tyrosine kinase plays a critical role in regulating satellite cell proliferation during regeneration of injured muscle. <i>Journal of Biological Chemistry</i> , 2017 , 292, 15939-15951	5.4	18
24	Chk2 kinase is required for methylglyoxal-induced G2/M cell-cycle checkpoint arrest: implication of cell-cycle checkpoint regulation in diabetic oxidative stress signaling. <i>Genes To Cells</i> , 2007 , 12, 919-28	2.3	17
23	Diverse roles for the ror-family receptor tyrosine kinases in neurons and glial cells during development and repair of the nervous system. <i>Developmental Dynamics</i> , 2018 , 247, 24-32	2.9	15
22	Essential role of Wnt5a-Ror1/Ror2 signaling in metanephric mesenchyme and ureteric bud formation. <i>Genes To Cells</i> , 2016 , 21, 325-34	2.3	14
21	Analysis of Wnt/planar cell polarity pathway in cultured cells. <i>Methods in Molecular Biology</i> , 2012 , 839, 201-14	1.4	11
20	E2F1-Ror2 signaling mediates coordinated transcriptional regulation to promote G1/S phase transition in bFGF-stimulated NIH/3T3 fibroblasts. <i>FASEB Journal</i> , 2020 , 34, 3413-3428	0.9	11
19	Tactics of cancer invasion: solitary and collective invasion. <i>Journal of Biochemistry</i> , 2020 , 167, 347-355	3.1	10
18	Down-regulation of alpha6 integrin, an anti-oncogene product, by functional cooperation of H-Ras and c-Myc. <i>Genes To Cells</i> , 2001 , 6, 337-43	2.3	9
17	Intraflagellar transport 20 promotes collective cancer cell invasion by regulating polarized organization of Golgi-associated microtubules. <i>Cancer Science</i> , 2019 , 110, 1306-1316	6.9	8
16	Genetic interactions between Ror2 and Wnt9a, Ror1 and Wnt9a and Ror2 and Ror1: Phenotypic analysis of the limb skeleton and palate in compound mutants. <i>Genes To Cells</i> , 2019 , 24, 307-317	2.3	8
15	Impaired ligand-dependent MET activation caused by an extracellular SEMA domain missense mutation in lung cancer. <i>Cancer Science</i> , 2019 , 110, 3340-3349	6.9	8
14	Critical role of Frizzled1 in age-related alterations of Wnt/βcatenin signal in myogenic cells during differentiation. <i>Genes To Cells</i> , 2014 , 19, 287-96	2.3	7
13	Role of noncanonical Wnt ligands and Ror-family receptor tyrosine kinases in the development, regeneration, and diseases of the musculoskeletal system. <i>Developmental Dynamics</i> , 2021 , 250, 27-38	2.9	7
12	Critical role of the Ror-family of receptor tyrosine kinases in invasion and proliferation of malignant pleural mesothelioma cells. <i>Genes To Cells</i> , 2018 , 23, 606-613	2.3	7
11	Expression of Ror2 Associated with Fibrosis of the Submandibular Gland. <i>Cell Structure and Function</i> , 2017 , 42, 159-167	2.2	5
10	Methionine restriction breaks obligatory coupling of cell proliferation and death by an oncogene Src in. <i>ELife</i> , 2021 , 10,	8.9	5
9	The Ror-Family Receptors in Development, Tissue Regeneration and Age-Related Disease.. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10, 891763	5.7	4
8	The ROR Receptor Family 2015 , 593-640		2

7	Increased Glycolysis Affects Cell Function and Identity in Aging and Diabetes. <i>Molecular Metabolism</i> , 2021 , 55, 101414	8.8	2
6	Stage-dependent function of Wnt5a during male external genitalia development. <i>Congenital Anomalies (discontinued)</i> , 2021 , 61, 212-219	1.1	2
5	Loss of PRMT1 in the central nervous system (CNS) induces reactive astrocytes and microglia during postnatal brain development. <i>Journal of Neurochemistry</i> , 2021 , 156, 834-847	6	2
4	Oncogenic E6 and/or E7 proteins drive proliferation and invasion of human papilloma virus-positive head and neck squamous cell cancer through upregulation of Ror2 expression. <i>Oncology Reports</i> , 2021 , 46,	3.5	1
3	Expression of the Chk2 Gene Is Downregulated in Hodgkin's Lymphoma Cell Lines Via Epigenetic Mechanisms.. <i>Blood</i> , 2004 , 104, 429-429	2.2	
2	Wnt5a regulates directional cell migration and cell proliferation via Ror2-mediated noncanonical pathway in mammalian palatogenesis. <i>FASEB Journal</i> , 2009 , 23, 308.4	0.9	
1	c-Src-mediated phosphorylation and activation of kinesin KIF1C promotes elongation of invadopodia in cancer cells. <i>Journal of Biological Chemistry</i> , 2022 , 102090	5.4	