Yasuhiro Minami

List of Publications by Year
in descending order

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Version: 2024-02-01

80	32,939	66234	71532
papers	citations	42 h-index	76 g-index

83	83	83	66636
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ror2 signaling regulates Golgi structure and transport through IFT20 for tumor invasiveness. Scientific Reports, 2017, 7, 1.	1.6	26,112
2	The receptor tyrosine kinase Ror2 is involved in non-canonical Wnt5a/JNK signalling pathway. Genes To Cells, 2003, 8, 645-654.	0.5	651
3	Wnt Signaling Gradients Establish Planar Cell Polarity by Inducing Vangl2 Phosphorylation through Ror2. Developmental Cell, 2011, 20, 163-176.	3.1	432
4	Wnt5a-Ror2 signaling between osteoblast-lineage cells and osteoclast precursors enhances osteoclastogenesis. Nature Medicine, 2012, 18, 405-412.	15.2	417
5	A histone lysine methyltransferase activated by non-canonical Wnt signalling suppresses PPAR-Î³ transactivation. Nature Cell Biology, 2007, 9, 1273-1285.	4.6	400
6	Wip1 Phosphatase Modulates ATM-Dependent Signaling Pathways. Molecular Cell, 2006, 23, 757-764.	4.5	323
7	Cthrc1 Selectively Activates the Planar Cell Polarity Pathway of Wnt Signaling by Stabilizing the Wnt-Receptor Complex. Developmental Cell, 2008, 15, 23-36.	3.1	255
8	Rorâ€family receptor tyrosine kinases in noncanonical Wnt signaling: Their implications in developmental morphogenesis and human diseases. Developmental Dynamics, 2010, 239, 1-15.	0.8	210
9	Wnt5a regulates directional cell migration and cell proliferation via Ror2-mediated noncanonical pathway in mammalian palate development. Development (Cambridge), 2008, 135, 3871-3879.	1.2	200
10	Mouse Ror2 receptor tyrosine kinase is required for the heart development and limb formation. Genes To Cells, 2000, 5, 71-78.	0.5	197
11	Filopodia formation mediated by receptor tyrosine kinase Ror2 is required for Wnt5a-induced cell migration. Journal of Cell Biology, 2006, 175, 555-562.	2.3	187
12	Receptor Tyrosine Kinase Ror2 Mediates Wnt5a-induced Polarized Cell Migration by Activating c-Jun N-terminal Kinase via Actin-binding Protein Filamin A. Journal of Biological Chemistry, 2008, 283, 27973-27981.	1.6	170
13	Cell/tissue-tropic functions of Wnt5a signaling in normal and cancer cells. Trends in Cell Biology, 2010, 20, 346-354.	3.6	170
14	Ror2/Frizzled Complex Mediates Wnt5a-Induced AP-1 Activation by Regulating Dishevelled Polymerization. Molecular and Cellular Biology, 2010, 30, 3610-3619.	1.1	157
15	Ror2 Receptor Requires Tyrosine Kinase Activity to Mediate Wnt5A Signaling. Journal of Biological Chemistry, 2009, 284, 30167-30176.	1.6	153
16	Protein tyrosine kinase syk is associated with and activated by the il-2 receptor: Possible link with the c-myc induction pathway. Immunity, 1995, 2, 89-100.	6.6	147
17	Expression of the receptor tyrosine kinase genes, Ror1 and Ror2, during mouse development. Mechanisms of Development, 2001, 105, 153-156.	1.7	130
18	Noncanonical Wnt5a enhances Wnt/Î²-catenin signaling during osteoblastogenesis. Scientific Reports, 2014, 4, 4493.	1.6	124

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19	Loss of mRor1 Enhances the Heart and Skeletal Abnormalities in mRor2 -Deficient Mice: Redundant and Pleiotropic Functions of mRor1 and mRor2 Receptor Tyrosine Kinases. Molecular and Cellular Biology, 2001, 21, 8329-8335.	1.1	122
20	Regulation of outgrowth and apoptosis for the terminal appendage:external genitalia: development by concerted actions of BMP signaling. Development (Cambridge), 2003, 130, 6209-6220.	1.2	119
21	Spatio-temporally regulated expression of receptor tyrosine kinases, mRor1, mRor2, during mouse development: implications in development and function of the nervous system. Genes To Cells, 1999, 4, 41-56.	0.5	117
22	Ror2knockout mouse as a model for the developmental pathology of autosomal recessive Robinow syndrome. Developmental Dynamics, 2004, 229, 400-410.	0.8	113
23	Modulation of GDF5/BRI-b signalling through interaction with the tyrosine kinase receptor Ror2. Genes To Cells, 2004, 9, 1227-1238.	0.5	98
24	Critical role of Wnt5a-Ror2 signaling in motility and invasiveness of carcinoma cells following Snail-mediated epithelial-mesenchymal transition. Genes To Cells, 2011, 16, 304-315.	0.5	88
25	Wnt5a modulates glycogen synthase kinase 3 to induce phosphorylation of receptor tyrosine kinase Ror2. Genes To Cells, 2007, 12, 1215-1223.	0.5	86
26	A Novel Drosophila Receptor Tyrosine Kinase Expressed Specifically in the Nervous System. Journal of Biological Chemistry, 1997, 272, 11916-11923.	1.6	85
27	The Receptor Tyrosine Kinase Ror2 Associates with and Is Activated by Casein Kinase Ïİµ. Journal of Biological Chemistry, 2004, 279, 50102-50109.	1.6	85
28	Ror2 modulates the canonical Wnt signaling in lung epithelial cells through cooperation with Fzd2. BMC Molecular Biology, 2008, 9, 11.	3.0	84
29	Expression and Function of the Rorâ€Family Receptor Tyrosine Kinases During Development: Lessons from Genetic Analyses of Nematodes, Mice, and Humans. Journal of Receptor and Signal Transduction Research, 2003, 23, 1-15.	1.3	79
30	Insight into the Role of Wnt5a-Induced Signaling in Normal and Cancer Cells. International Review of Cell and Molecular Biology, 2015, 314, 117-148.	1.6	75
31	Ror2 is required for midgut elongation during mouse development. Developmental Dynamics, 2010, 239, 941-953.	0.8	73
32	The Receptor Tyrosine Kinase Ror2 Associates with the Melanoma-associated Antigen (MAGE) Family Protein Dlxin-1 and Regulates Its Intracellular Distribution. Journal of Biological Chemistry, 2003, 278, 29057-29064.	1.6	62
33	The Wnt5a-Ror2 axis promotes the signaling circuit between interleukin-12 and interferon-Î³ in colitis. Scientific Reports, 2015, 5, 10536.	1.6	60
34	Protein kinase N3 promotes bone resorption by osteoclasts in response to Wnt5a-Ror2 signaling. Science Signaling, 2017, 10, .	1.6	60
35	Dissection of Wnt5a-Ror2 Signaling Leading to Matrix Metalloproteinase (MMP-13) Expression. Journal of Biological Chemistry, 2012, 287, 1588-1599.	1.6	57
36	Diverse regulation of mammary epithelial growth and branching morphogenesis through noncanonical Wnt signaling. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3121-3126.	3.3	55

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37	Synchronized mesenchymal cell polarization and differentiation shape the formation of the murine trachea and esophagus. Nature Communications, 2018, 9, 2816.	5.8	55
38	Arsenic Trioxide Augments Chk2/p53-mediated Apoptosis by Inhibiting Oncogenic Wip1 Phosphatase. Journal of Biological Chemistry, 2008, 283, 18969-18979.	1.6	53
39	Wnt5aâ€Ror2 signaling in mesenchymal stem cells promotes proliferation of gastric cancer cells by activating CXCL16â€“CXCR6 axis. Cancer Science, 2016, 107, 290-297.	1.7	53
40	IL-6-accelerated calcification by induction of ROR2 in human adipose tissue-derived mesenchymal stem cells is STAT3 dependent. Rheumatology, 2014, 53, 1282-1290.	0.9	52
41	Ror-family receptor tyrosine kinases regulate maintenance of neural progenitor cells in the developing neocortex. Journal of Cell Science, 2012, 125, 2017-29.	1.2	47
42	Ror2 expression in squamous cell carcinoma and epithelial dysplasia of the oral cavity. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2009, 107, 398-406.	1.6	45
43	Role of Wnt5a-Ror2 Signaling in Morphogenesis of the Metanephric Mesenchyme during Ureteric Budding. Molecular and Cellular Biology, 2014, 34, 3096-3105.	1.1	45
44	ROR1 is essential for proper innervation of auditory hair cells and hearing in humans and mice. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5993-5998.	3.3	42
45	Mesenchymal stem cellâ€derived CXCL16 promotes progression of gastric cancer cells by STAT3â€mediated expression of Ror1. Cancer Science, 2020, 111, 1254-1265.	1.7	42
46	A Critical Role for Cyclin C in Promotion of the Hematopoietic Cell Cycle by Cooperation with c-Myc. Molecular and Cellular Biology, 1998, 18, 3445-3454.	1.1	41
47	H-Ras/Mitogen-activated Protein Kinase Pathway Inhibits Integrin-mediated Adhesion and Induces Apoptosis in Osteoblasts. Journal of Biological Chemistry, 2002, 277, 21446-21452.	1.6	39
48	Mice lacking the orphan receptor ror1 have distinct skeletal abnormalities and are growth retarded. Developmental Dynamics, 2010, 239, 2266-2277.	0.8	35
49	Activation of <scp>W</scp>nt5aâ€<scp>R</scp>or2 signaling associated with epithelialâ€toâ€mesenchymal transition of tubular epithelial cells during renal fibrosis. Genes To Cells, 2013, 18, 608-619.	0.5	35
50	Critical role of Ror2 receptor tyrosine kinase in regulating cell cycle progression of reactive astrocytes following brain injury. Glia, 2017, 65, 182-197.	2.5	30
51	Tactics of cancer invasion: solitary and collective invasion. Journal of Biochemistry, 2020, 167, 347-355.	0.9	30
52	Filamin associates with stress signalling kinases MKK7 and MKK4 and regulates JNK activation. Biochemical Journal, 2010, 427, 237-245.	1.7	26
53	Diabetic Osteopenia by Decreased Î²-Catenin Signaling Is Partly Induced by Epigenetic Derepression of sFRP-4 Gene. PLoS ONE, 2014, 9, e102797.	1.1	25
54	Regulatory mechanisms and cellular functions of non-centrosomal microtubules. Journal of Biochemistry, 2017, 162, 1-10.	0.9	24

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55	The Ror1 receptor tyrosine kinase plays a critical role in regulating satellite cell proliferation during regeneration of injured muscle. Journal of Biological Chemistry, 2017, 292, 15939-15951.	1.6	23
56	Chk2 kinase is required for methylglyoxalâ€induced G₂/M cellâ€cycle checkpoint arrest: implication of cellâ€cycle checkpoint regulation in diabetic oxidative stress signaling. Genes To Cells, 2007, 12, 919-928.	0.5	22
57	Diverse roles for the rorâ€family receptor tyrosine kinases in neurons and glial cells during development and repair of the nervous system. Developmental Dynamics, 2018, 247, 24-32.	0.8	19
58	Role of noncanonical Wnt ligands and Rorâ€family receptor tyrosine kinases in the development, regeneration, and diseases of the musculoskeletal system. Developmental Dynamics, 2021, 250, 27-38.	0.8	19
59	Intraflagellar transport 20 promotes collective cancer cell invasion by regulating polarized organization of Golgiâ€associated microtubules. Cancer Science, 2019, 110, 1306-1316.	1.7	17
60	Increased glycolysis affects Î²-cell function and identity in aging and diabetes. Molecular Metabolism, 2022, 55, 101414.	3.0	16
61	E2F1â€Ror2 signaling mediates coordinated transcriptional regulation to promote G1/S phase transition in bFGFâ€stimulated NIH/3T3 fibroblasts. FASEB Journal, 2020, 34, 3413-3428.	0.2	15
62	Analysis of Wnt/Planar Cell Polarity Pathway in Cultured Cells. Methods in Molecular Biology, 2012, 839, 201-214.	0.4	14
63	Essential role of Wnt5aâ€Ror1/Ror2 signaling in metanephric mesenchyme and ureteric bud formation. Genes To Cells, 2016, 21, 325-334.	0.5	14
64	Down-regulation of Î±6 integrin, an anti-oncogene product, by functional cooperation of H-Ras and c-Myc. Genes To Cells, 2001, 6, 337-343.	0.5	12
65	Critical role of the Rorâ€family of receptor tyrosine kinases in invasion and proliferation of malignant pleural mesothelioma cells. Genes To Cells, 2018, 23, 606-613.	0.5	12
66	Impaired ligandâ€dependent MET activation caused by an extracellular SEMA domain missense mutation in lung cancer. Cancer Science, 2019, 110, 3340-3349.	1.7	12
67	Genetic interactions between Ror2 and Wnt9a, Ror1 and Wnt9a and Ror2 and Ror1: Phenotypic analysis of the limb skeleton and palate in compound mutants. Genes To Cells, 2019, 24, 307-317.	0.5	12
68	The Ror-Family Receptors in Development, Tissue Regeneration and Age-Related Disease. Frontiers in Cell and Developmental Biology, 2022, 10, 891763.	1.8	12
69	Methionine restriction breaks obligatory coupling of cell proliferation and death by an oncogene Src in Drosophila. ELife, 2021, 10, .	2.8	9
70	Stageâ€dependent function of Wnt5a during male external genitalia development. Congenital Anomalies (discontinued), 2021, 61, 212-219.	0.3	8
71	Critical role of Frizzled1 in ageâ€related alterations of Wnt/Î²â€catenin signal in myogenic cells during differentiation. Genes To Cells, 2014, 19, 287-296.	0.5	7
72	Expression of Ror2 Associated with Fibrosis of the Submandibular Gland. Cell Structure and Function, 2017, 42, 159-167.	0.5	6

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73	Loss of PRMT1 in the central nervous system (CNS) induces reactive astrocytes and microglia during postnatal brain development. Journal of Neurochemistry, 2021, 156, 834-847.	2.1	5
74	Oncogenic E6 and/or E7 proteins drive proliferation and invasion of human papilloma virusâ€‘positive head and neck squamous cell cancer through upregulation of Ror2 expression. Oncology Reports, 2021, 46, .	1.2	4
75	The ROR Receptor Family. , 2015, , 593-640.		3
76	c-Srcâ€“mediated phosphorylation and activation of kinesin KIF1C promotes elongation of invadopodia in cancer cells. Journal of Biological Chemistry, 2022, 298, 102090.	1.6	2
77	Characterization of morphological alterations in micropapillary adenocarcinoma of the lung using an established cell line. Oncology Reports, 2021, 47, .	1.2	1
78	Autonomous and intercellular chemokine signaling elicited from mesenchymal stem cells regulates migration of undifferentiated gastric cancer cells. Genes To Cells, 2022, , .	0.5	1
79	Expression of the Chk2 Gene Is Downregulated in Hodgkinâ€™s Lymphoma Cell Lines Via Epigenetic Mechanisms.. Blood, 2004, 104, 429-429.	0.6	0
80	Wnt5a regulates directional cell migration and cell proliferation via Ror2â€mediated noncanonical pathway in mammalian palatogenesis. FASEB Journal, 2009, 23, 308.4.	0.2	0