

Yasuhiro Minami

List of Publications by Year in descending order

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80
papers

32,939
citations

66315

42
h-index

71651

76
g-index

83
all docs

83
docs citations

83
times ranked

66636
citing authors

#	ARTICLE	IF	CITATIONS
1	Ror2 signaling regulates Golgi structure and transport through IFT20 for tumor invasiveness. <i>Scientific Reports</i> , 2017, 7, 1.	1.6	26,112
2	The receptor tyrosine kinase Ror2 is involved in non-canonical Wnt5a/JNK signalling pathway. <i>Genes To Cells</i> , 2003, 8, 645-654.	0.5	651
3	Wnt Signaling Gradients Establish Planar Cell Polarity by Inducing Vangl2 Phosphorylation through Ror2. <i>Developmental Cell</i> , 2011, 20, 163-176.	3.1	432
4	Wnt5a-Ror2 signaling between osteoblast-lineage cells and osteoclast precursors enhances osteoclastogenesis. <i>Nature Medicine</i> , 2012, 18, 405-412.	15.2	417
5	A histone lysine methyltransferase activated by non-canonical Wnt signalling suppresses PPAR- β transactivation. <i>Nature Cell Biology</i> , 2007, 9, 1273-1285.	4.6	400
6	Wip1 Phosphatase Modulates ATM-Dependent Signaling Pathways. <i>Molecular Cell</i> , 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. <i>Developmental Cell</i> , 2008, 15, 23-36.	3.1	255
8	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.	0.8	210
9	Wnt5a regulates directional cell migration and cell proliferation via Ror2-mediated noncanonical pathway in mammalian palate development. <i>Development (Cambridge)</i> , 2008, 135, 3871-3879.	1.2	200
10	Mouse Ror2 receptor tyrosine kinase is required for the heart development and limb formation. <i>Genes To Cells</i> , 2000, 5, 71-78.	0.5	197
11	Filopodia formation mediated by receptor tyrosine kinase Ror2 is required for Wnt5a-induced cell migration. <i>Journal of Cell Biology</i> , 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. <i>Journal of Biological Chemistry</i> , 2008, 283, 27973-27981.	1.6	170
13	Cell/tissue-tropic functions of Wnt5a signaling in normal and cancer cells. <i>Trends in Cell Biology</i> , 2010, 20, 346-354.	3.6	170
14	Ror2/Frizzled Complex Mediates Wnt5a-Induced AP-1 Activation by Regulating Dishevelled Polymerization. <i>Molecular and Cellular Biology</i> , 2010, 30, 3610-3619.	1.1	157
15	Ror2 Receptor Requires Tyrosine Kinase Activity to Mediate Wnt5A Signaling. <i>Journal of Biological Chemistry</i> , 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. <i>Immunity</i> , 1995, 2, 89-100.	6.6	147
17	Expression of the receptor tyrosine kinase genes, Ror1 and Ror2, during mouse development. <i>Mechanisms of Development</i> , 2001, 105, 153-156.	1.7	130
18	Noncanonical Wnt5a enhances Wnt/ β -catenin signaling during osteoblastogenesis. <i>Scientific Reports</i> , 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. <i>Molecular and Cellular Biology</i> , 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. <i>Development (Cambridge)</i> , 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. <i>Genes To Cells</i> , 1999, 4, 41-56.	0.5	117
22	Ror2knockout mouse as a model for the developmental pathology of autosomal recessive Robinow syndrome. <i>Developmental Dynamics</i> , 2004, 229, 400-410.	0.8	113
23	Modulation of GDF5/BRI-b signalling through interaction with the tyrosine kinase receptor Ror2. <i>Genes To Cells</i> , 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. <i>Genes To Cells</i> , 2011, 16, 304-315.	0.5	88
25	Wnt5a modulates glycogen synthase kinase 3 to induce phosphorylation of receptor tyrosine kinase Ror2. <i>Genes To Cells</i> , 2007, 12, 1215-1223.	0.5	86
26	A Novel Drosophila Receptor Tyrosine Kinase Expressed Specifically in the Nervous System. <i>Journal of Biological Chemistry</i> , 1997, 272, 11916-11923.	1.6	85
27	The Receptor Tyrosine Kinase Ror2 Associates with and Is Activated by Casein Kinase II μ . <i>Journal of Biological Chemistry</i> , 2004, 279, 50102-50109.	1.6	85
28	Ror2 modulates the canonical Wnt signaling in lung epithelial cells through cooperation with Fzd2. <i>BMC Molecular Biology</i> , 2008, 9, 11.	3.0	84
29	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.	1.3	79
30	Insight into the Role of Wnt5a-Induced Signaling in Normal and Cancer Cells. <i>International Review of Cell and Molecular Biology</i> , 2015, 314, 117-148.	1.6	75
31	Ror2 is required for midgut elongation during mouse development. <i>Developmental Dynamics</i> , 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. <i>Journal of Biological Chemistry</i> , 2003, 278, 29057-29064.	1.6	62
33	The Wnt5a-Ror2 axis promotes the signaling circuit between interleukin-12 and interferon- γ in colitis. <i>Scientific Reports</i> , 2015, 5, 10536.	1.6	60
34	Protein kinase N3 promotes bone resorption by osteoclasts in response to Wnt5a-Ror2 signaling. <i>Science Signaling</i> , 2017, 10, .	1.6	60
35	Dissection of Wnt5a-Ror2 Signaling Leading to Matrix Metalloproteinase (MMP-13) Expression. <i>Journal of Biological Chemistry</i> , 2012, 287, 1588-1599.	1.6	57
36	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.	3.3	55

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37	Synchronized mesenchymal cell polarization and differentiation shape the formation of the murine trachea and esophagus. <i>Nature Communications</i> , 2018, 9, 2816.	5.8	55
38	Arsenic Trioxide Augments Chk2/p53-mediated Apoptosis by Inhibiting Oncogenic Wip1 Phosphatase. <i>Journal of Biological Chemistry</i> , 2008, 283, 18969-18979.	1.6	53
39	Wnt5a-Ror2 signaling in mesenchymal stem cells promotes proliferation of gastric cancer cells by activating CXCL16-CXCR6 axis. <i>Cancer Science</i> , 2016, 107, 290-297.	1.7	53
40	IL-6-accelerated calcification by induction of ROR2 in human adipose tissue-derived mesenchymal stem cells is STAT3 dependent. <i>Rheumatology</i> , 2014, 53, 1282-1290.	0.9	52
41	Ror-family receptor tyrosine kinases regulate maintenance of neural progenitor cells in the developing neocortex. <i>Journal of Cell Science</i> , 2012, 125, 2017-29.	1.2	47
42	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.	1.6	45
43	Role of Wnt5a-Ror2 Signaling in Morphogenesis of the Metanephric Mesenchyme during Ureteric Budding. <i>Molecular and Cellular Biology</i> , 2014, 34, 3096-3105.	1.1	45
44	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, 5993-5998.	3.3	42
45	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.	1.7	42
46	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, 3445-3454.	1.1	41
47	H-Ras/Mitogen-activated Protein Kinase Pathway Inhibits Integrin-mediated Adhesion and Induces Apoptosis in Osteoblasts. <i>Journal of Biological Chemistry</i> , 2002, 277, 21446-21452.	1.6	39
48	Mice lacking the orphan receptor ror1 have distinct skeletal abnormalities and are growth retarded. <i>Developmental Dynamics</i> , 2010, 239, 2266-2277.	0.8	35
49	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, 608-619.	0.5	35
50	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.	2.5	30
51	Tactics of cancer invasion: solitary and collective invasion. <i>Journal of Biochemistry</i> , 2020, 167, 347-355.	0.9	30
52	Filamin associates with stress signalling kinases MKK7 and MKK4 and regulates JNK activation. <i>Biochemical Journal</i> , 2010, 427, 237-245.	1.7	26
53	Diabetic Osteopenia by Decreased β -Catenin Signaling Is Partly Induced by Epigenetic Derepression of sFRP-4 Gene. <i>PLoS ONE</i> , 2014, 9, e102797.	1.1	25
54	Regulatory mechanisms and cellular functions of non-centrosomal microtubules. <i>Journal of Biochemistry</i> , 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. <i>Journal of Biological Chemistry</i> , 2017, 292, 15939-15951.	1.6	23
56	Chk2 kinase is required for methylglyoxal-induced G ₂ /M cell cycle checkpoint arrest: implication of cell cycle checkpoint regulation in diabetic oxidative stress signaling. <i>Genes To Cells</i> , 2007, 12, 919-928.	0.5	22
57	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.	0.8	19
58	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.	0.8	19
59	Intraflagellar transport 20 promotes collective cancer cell invasion by regulating polarized organization of Golgi-associated microtubules. <i>Cancer Science</i> , 2019, 110, 1306-1316.	1.7	17
60	Increased glycolysis affects β -cell function and identity in aging and diabetes. <i>Molecular Metabolism</i> , 2022, 55, 101414.	3.0	16
61	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.	0.2	15
62	Analysis of Wnt/Planar Cell Polarity Pathway in Cultured Cells. <i>Methods in Molecular Biology</i> , 2012, 839, 201-214.	0.4	14
63	Essential role of Wnt5a-Ror1/Ror2 signaling in metanephric mesenchyme and ureteric bud formation. <i>Genes To Cells</i> , 2016, 21, 325-334.	0.5	14
64	Down-regulation of β 6 integrin, an anti-oncogene product, by functional cooperation of H-Ras and c-Myc. <i>Genes To Cells</i> , 2001, 6, 337-343.	0.5	12
65	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.	0.5	12
66	Impaired ligand-dependent MET activation caused by an extracellular SEMA domain missense mutation in lung cancer. <i>Cancer Science</i> , 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. <i>Genes To Cells</i> , 2019, 24, 307-317.	0.5	12
68	The Ror-Family Receptors in Development, Tissue Regeneration and Age-Related Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 891763.	1.8	12
69	Methionine restriction breaks obligatory coupling of cell proliferation and death by an oncogene Src in <i>Drosophila</i> . <i>ELife</i> , 2021, 10, .	2.8	9
70	Stage-dependent function of Wnt5a during male external genitalia development. <i>Congenital Anomalies (discontinued)</i> , 2021, 61, 212-219.	0.3	8
71	Critical role of Frizzled1 in age-related alterations of Wnt/ β -catenin signal in myogenic cells during differentiation. <i>Genes To Cells</i> , 2014, 19, 287-296.	0.5	7
72	Expression of Ror2 Associated with Fibrosis of the Submandibular Gland. <i>Cell Structure and Function</i> , 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. <i>Journal of Neurochemistry</i> , 2021, 156, 834-847.	2.1	5
74	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, .	1.2	4
75	The ROR Receptor Family. , 2015, , 593-640.		3
76	c-Src-mediated phosphorylation and activation of kinesin KIF1C promotes elongation of invadopodia in cancer cells. <i>Journal of Biological Chemistry</i> , 2022, 298, 102090.	1.6	2
77	Characterization of morphological alterations in micropapillary adenocarcinoma of the lung using an established cell line. <i>Oncology Reports</i> , 2021, 47, .	1.2	1
78	Autonomous and intercellular chemokine signaling elicited from mesenchymal stem cells regulates migration of undifferentiated gastric cancer cells. <i>Genes To Cells</i> , 2022, , .	0.5	1
79	Expression of the Chk2 Gene Is Downregulated in Hodgkin's Lymphoma Cell Lines Via Epigenetic Mechanisms.. <i>Blood</i> , 2004, 104, 429-429.	0.6	0
80	Wnt5a regulates directional cell migration and cell proliferation via Ror2-mediated noncanonical pathway in mammalian palatogenesis. <i>FASEB Journal</i> , 2009, 23, 308.4.	0.2	0