

Michiru Nishita

List of Publications by Year in descending order

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53
papers

31,301
citations

117453

34
h-index

182168

51
g-index

55
all docs

55
docs citations

55
times ranked

65880
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 TAK1-NLK-MAPK-related pathway antagonizes signalling between β -catenin and transcription factor TCF. <i>Nature</i> , 1999, 399, 798-802.	13.7	569
3	Interaction between Wnt and TGF- β signalling pathways during formation of Spemann's organizer. <i>Nature</i> , 2000, 403, 781-785.	13.7	439
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	Involvement of the p38 Mitogen-activated Protein Kinase Pathway in Transforming Growth Factor- β -induced Gene Expression. <i>Journal of Biological Chemistry</i> , 1999, 274, 27161-27167.	1.6	407
6	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
7	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
8	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
9	Spatial and temporal regulation of cofilin activity by LIM kinase and Slingshot is critical for directional cell migration. <i>Journal of Cell Biology</i> , 2005, 171, 349-359.	2.3	190
10	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
11	A pathway of neuregulin-induced activation of cofilin-phosphatase Slingshot and cofilin in lamellipodia. <i>Journal of Cell Biology</i> , 2004, 165, 465-471.	2.3	175
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	MAPKAPK-2-mediated LIM-kinase activation is critical for VEGF-induced actin remodeling and cell migration. <i>EMBO Journal</i> , 2006, 25, 713-726.	3.5	151
16	Stromal Cell-Derived Factor 1 α Activates LIM Kinase 1 and Induces Cofilin Phosphorylation for T-Cell Chemotaxis. <i>Molecular and Cellular Biology</i> , 2002, 22, 774-783.	1.1	125
17	Phosphoinositide 3-Kinase-mediated Activation of Cofilin Phosphatase Slingshot and Its Role for Insulin-induced Membrane Protrusion. <i>Journal of Biological Chemistry</i> , 2004, 279, 7193-7198.	1.6	101
18	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

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19	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
20	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
21	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
22	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
23	Ror2 is required for midgut elongation during mouse development. <i>Developmental Dynamics</i> , 2010, 239, 941-953.	0.8	73
24	Involvement of NLK and Sox11 in neural induction in <i>Xenopus</i> development. <i>Genes To Cells</i> , 2002, 7, 487-496.	0.5	62
25	Protein kinase N3 promotes bone resorption by osteoclasts in response to Wnt5a-Ror2 signaling. <i>Science Signaling</i> , 2017, 10, .	1.6	60
26	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
27	Caspase-mediated cleavage and activation of LIM-kinase 1 and its role in apoptotic membrane blebbing. <i>Genes To Cells</i> , 2004, 9, 591-600.	0.5	55
28	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
29	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
30	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
31	BRAM1, a BMP receptor-associated molecule involved in BMP signalling. <i>Genes To Cells</i> , 1998, 3, 257-264.	0.5	46
32	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
33	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
34	Activation of Wnt5a-Ror2 signaling associated with epithelial-mesenchymal transition of tubular epithelial cells during renal fibrosis. <i>Genes To Cells</i> , 2013, 18, 608-619.	0.5	35
35	Tactics of cancer invasion: solitary and collective invasion. <i>Journal of Biochemistry</i> , 2020, 167, 347-355.	0.9	30
36	Smad8B, a Smad8 splice variant lacking the SSXS site that inhibits Smad8-mediated signalling. <i>Genes To Cells</i> , 1999, 4, 583-591.	0.5	25

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37	Regulatory mechanisms and cellular functions of non-centrosomal microtubules. <i>Journal of Biochemistry</i> , 2017, 162, 1-10.	0.9	24
38	Insulin Receptor Substrate-4 Binds to Slingshot-1 Phosphatase and Promotes Cofilin Dephosphorylation. <i>Journal of Biological Chemistry</i> , 2014, 289, 26302-26313.	1.6	19
39	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
40	Analysis of Wnt/Planar Cell Polarity Pathway in Cultured Cells. <i>Methods in Molecular Biology</i> , 2012, 839, 201-214.	0.4	14
41	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
42	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
43	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
44	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
45	Stage-dependent function of Wnt5a during male external genitalia development. <i>Congenital Anomalies (discontinued)</i> , 2021, 61, 212-219.	0.3	8
46	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
47	Induction of lateral outgrowths on the chelae of the crayfish, <i>Procambarus clarkii</i> (Girard). <i>Crustacean Research</i> , 1994, 23, 69-73.	0.2	6
48	Expression of Ror2 Associated with Fibrosis of the Submandibular Gland. <i>Cell Structure and Function</i> , 2017, 42, 159-167.	0.5	6
49	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
50	The ROR Receptor Family. , 2015, , 593-640.		3
51	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
52	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
53	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