

Michiru Nishita

List of Publications by Citations

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52
papers

19,302
citations

31
h-index

55
g-index

55
ext. papers

23,096
ext. citations

7.3
avg, IF

6.67
L-index

#	Paper	IF	Citations
52	Ror2 signaling regulates Golgi structure and transport through IFT20 for tumor invasiveness. <i>Scientific Reports</i> , 2017 , 7, 1	4.9	14841
51	The TAK1-NLK-MAPK-related pathway antagonizes signalling between beta-catenin and transcription factor TCF. <i>Nature</i> , 1999 , 399, 798-802	50.4	531
50	Interaction between Wnt and TGF-beta signalling pathways during formation of Spemann/W organizer. <i>Nature</i> , 2000 , 403, 781-5	50.4	405
49	Involvement of the p38 mitogen-activated protein kinase pathway in transforming growth factor-beta-induced gene expression. <i>Journal of Biological Chemistry</i> , 1999 , 274, 27161-7	5.4	362
48	Wnt5a-Ror2 signaling between osteoblast-lineage cells and osteoclast precursors enhances osteoclastogenesis. <i>Nature Medicine</i> , 2012 , 18, 405-12	50.5	337
47	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
46	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, 349-59	7.3	177
45	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
44	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
43	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
42	A pathway of neuregulin-induced activation of cofilin-phosphatase Slingshot and cofilin in lamellipodia. <i>Journal of Cell Biology</i> , 2004 , 165, 465-71	7.3	161
41	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
40	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
39	MAPKAPK-2-mediated LIM-kinase activation is critical for VEGF-induced actin remodeling and cell migration. <i>EMBO Journal</i> , 2006 , 25, 713-26	13	132
38	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
37	Stromal cell-derived factor 1alpha activates LIM kinase 1 and induces cofilin phosphorylation for T-cell chemotaxis. <i>Molecular and Cellular Biology</i> , 2002 , 22, 774-83	4.8	118
36	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, 7193-8	5.4	91

35	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
34	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
33	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
32	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
31	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
30	Ror2 is required for midgut elongation during mouse development. <i>Developmental Dynamics</i> , 2010 , 239, 941-53	2.9	64
29	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	2.3	48
28	Involvement of NLK and Sox11 in neural induction in <i>Xenopus</i> development. <i>Genes To Cells</i> , 2002 , 7, 487-96	2.3	48
27	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
26	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
25	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
24	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
23	BRAM1, a BMP receptor-associated molecule involved in BMP signalling. <i>Genes To Cells</i> , 1998 , 3, 257-64	2.3	39
22	Protein kinase N3 promotes bone resorption by osteoclasts in response to Wnt5a-Ror2 signaling. <i>Science Signaling</i> , 2017 , 10,	8.8	36
21	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
20	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
19	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
18	Smad8B, a Smad8 splice variant lacking the SSXS site that inhibits Smad8-mediated signalling. <i>Genes To Cells</i> , 1999 , 4, 583-91	2.3	21

17	Regulatory mechanisms and cellular functions of non-centrosomal microtubules. <i>Journal of Biochemistry</i> , 2017 , 162, 1-10	3.1	18
16	Insulin receptor substrate-4 binds to Slingshot-1 phosphatase and promotes cofilin dephosphorylation. <i>Journal of Biological Chemistry</i> , 2014 , 289, 26302-26313	5.4	17
15	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
14	Analysis of Wnt/planar cell polarity pathway in cultured cells. <i>Methods in Molecular Biology</i> , 2012 , 839, 201-14	1.4	11
13	Tactics of cancer invasion: solitary and collective invasion. <i>Journal of Biochemistry</i> , 2020 , 167, 347-355	3.1	10
12	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
11	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
10	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
9	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
8	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
7	Expression of Ror2 Associated with Fibrosis of the Submandibular Gland. <i>Cell Structure and Function</i> , 2017 , 42, 159-167	2.2	5
6	Induction of lateral outgrowths on the chelae of the crayfish, <i>Procambarus clarkii</i> (Girard). <i>Crustacean Research</i> , 1994 , 23, 69-73	0.4	5
5	The ROR Receptor Family 2015 , 593-640		2
4	Stage-dependent function of Wnt5a during male external genitalia development. <i>Congenital Anomalies (discontinued)</i> , 2021 , 61, 212-219	1.1	2
3	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
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	