

Hiroshi Nishina

List of Publications by Year in descending order

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Version: 2024-02-01

115
papers

5,528
citations

94269

37
h-index

85405

71
g-index

121
all docs

121
docs citations

121
times ranked

7644
citing authors

#	ARTICLE	IF	CITATIONS
1	Puromycin-based purification of cells with high expression of the cytochrome P450 CYP3A4 gene from a patient with drug-induced liver injury (DILI). <i>Stem Cell Research and Therapy</i> , 2022, 13, 6.	2.4	11
2	Protein kinase C δ activation switches YAP1 from TEAD δ -mediated signaling to p73 δ -mediated signaling. <i>Cancer Science</i> , 2022, . .	1.7	5
3	DNA Damage Triggers the Nuclear Accumulation of RASSF6 Tumor Suppressor Protein via CDK9 and BAF53 To Regulate p53 Target Gene Transcription. <i>Molecular and Cellular Biology</i> , 2022, 42, MCB0031021.	1.1	0
4	Physiological and pathological roles of the Hippo δ -YAP/TAZ signaling pathway in liver formation, homeostasis, and tumorigenesis. <i>Cancer Science</i> , 2022, 113, 1900-1908.	1.7	17
5	Abnormal male reproduction and embryonic development induced by downregulation of a phospholipid fatty acid-introducing enzyme Lpgat1 in zebrafish. <i>Scientific Reports</i> , 2022, 12, 7312.	1.6	5
6	Hippo-TAZ signaling is the master regulator of the onset of triple-negative basal-like breast cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	13
7	MKK7 deficiency in mature neurons impairs parental behavior in mice. <i>Genes To Cells</i> , 2021, 26, 5-17.	0.5	3
8	Hepatocyte Mitogen δ -Activated Protein Kinase Kinase 7 Contributes to Restoration of the Liver Parenchyma Following Injury in Mice. <i>Hepatology</i> , 2021, 73, 2510-2526.	3.6	5
9	Heat shock induces the nuclear accumulation of YAP1 via SRC. <i>Experimental Cell Research</i> , 2021, 399, 112439.	1.2	2
10	CSE1L promotes nuclear accumulation of transcriptional coactivator TAZ and enhances invasiveness of human cancer δ cells. <i>Journal of Biological Chemistry</i> , 2021, 297, 100803.	1.6	7
11	The Light-Inducible Genes <i>Per2</i> , <i>Cry1a</i> , and <i>Cry2a</i> Regulate Oxidative Status in Zebrafish. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 1160-1165.	0.6	8
12	Alantolactone is a natural product that potently inhibits YAP1/TAZ through promotion of reactive oxygen species accumulation. <i>Cancer Science</i> , 2021, 112, 4303-4316.	1.7	17
13	YAP drives cell competition by activating choline metabolism. <i>Biochemical and Biophysical Research Communications</i> , 2021, 572, 178-184.	1.0	6
14	Characterization of mouse embryonic fibroblasts derived from <i>Rassf6</i> knockout mice shows the implication of <i>Rassf6</i> in the regulation of NF δ KB signaling. <i>Genes To Cells</i> , 2021, 26, 999.	0.5	1
15	Prostaglandin E ₂ and its receptor EP2 trigger signaling that contributes to YAP δ -mediated cell competition. <i>Genes To Cells</i> , 2020, 25, 197-214.	0.5	12
16	Endogenous YAP1 activation drives immediate onset of cervical carcinoma in situ in mice. <i>Cancer Science</i> , 2020, 111, 3576-3587.	1.7	24
17	Targeted DNA demethylation of the <i>Fgf21</i> promoter by CRISPR/dCas9-mediated epigenome editing. <i>Scientific Reports</i> , 2020, 10, 5181.	1.6	23
18	YAP1 is a potent driver of the onset and progression of oral squamous cell carcinoma. <i>Science Advances</i> , 2020, 6, eaay3324.	4.7	75

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19	The RAS-interacting chaperone UNC119 drives the RASSF6-MDM2-p53 axis and antagonizes RAS-mediated malignant transformation. <i>Journal of Biological Chemistry</i> , 2020, 295, 11214-11230.	1.6	4
20	Effect of Diphtheria Toxin-Based Gene Therapy for Hepatocellular Carcinoma. <i>Cancers</i> , 2020, 12, 472.	1.7	13
21	Characterization of a novel compound that promotes myogenesis via Akt and transcriptional co-activator with PDZ-binding motif (TAZ) in mouse C2C12 cells. <i>PLoS ONE</i> , 2020, 15, e0231265.	1.1	1
22	Title is missing!. , 2020, 15, e0231265.		0
23	Title is missing!. , 2020, 15, e0231265.		0
24	Title is missing!. , 2020, 15, e0231265.		0
25	Title is missing!. , 2020, 15, e0231265.		0
26	Inhibition of sodium-glucose cotransporter 2 ameliorates renal injury in a novel medaka model of nonalcoholic steatohepatitis-related kidney disease. <i>FEBS Open Bio</i> , 2019, 9, 2016-2024.	1.0	6
27	Inhibition of sodium glucose cotransporter 2 (<sc>SGLT</sc>2) delays liver fibrosis in a medaka model of nonalcoholic steatohepatitis (<sc>NASH</sc>). <i>FEBS Open Bio</i> , 2019, 9, 643-652.	1.0	15
28	The clock components Period2, Cryptochrome1a, and Cryptochrome2a function in establishing light-dependent behavioral rhythms and/or total activity levels in zebrafish. <i>Scientific Reports</i> , 2019, 9, 196.	1.6	22
29	Hippo pathway controls cell adhesion and context-dependent cell competition to influence skin engraftment efficiency. <i>FASEB Journal</i> , 2019, 33, 5548-5560.	0.2	13
30	Effect of a neural relay on liver regeneration in mice: activation of serotonin release from the gastrointestinal tract. <i>FEBS Open Bio</i> , 2018, 8, 449-460.	1.0	12
31	Loss of <i>Mob1a/b</i> in mice results in chondrodysplasia due to YAP1/TAZ-TEADs-dependent repression of SOX9. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	50
32	Effect of histidine on sorafenib-induced vascular damage: Analysis using novel medaka fish model. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 556-561.	1.0	9
33	Novel YAP1 Activator, Identified by Transcription-Based Functional Screen, Limits Multiple Myeloma Growth. <i>Molecular Cancer Research</i> , 2018, 16, 197-211.	1.5	22
34	YAP regulates liver size and function. <i>Cell Cycle</i> , 2018, 17, 267-268.	1.3	3
35	Growth Cone Phosphoproteomics Reveals that GAP-43 Phosphorylated by JNK Is a Marker of Axon Growth and Regeneration. <i>iScience</i> , 2018, 4, 190-203.	1.9	44
36	The Hippo-YAP Pathway Regulates 3D Organ Formation and Homeostasis. <i>Cancers</i> , 2018, 10, 122.	1.7	10

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37	Molecular Mechanisms of Liver Development: Lessons From Animal Models. , 2018, , 1-20.		2
38	<scp>YAP</scp> is essential for 3D organogenesis withstanding gravity. Development Growth and Differentiation, 2017, 59, 52-58.	0.6	6
39	Human Papillomavirus 16 E6 Upregulates APOBEC3B via the TEAD Transcription Factor. Journal of Virology, 2017, 91, .	1.5	54
40	Manganese and cobalt activate zebrafish ovarian cancer G-protein-coupled receptor 1 but not GPR4. Journal of Receptor and Signal Transduction Research, 2017, 37, 401-408.	1.3	9
41	Endosomal phosphatidylserine is critical for the YAP signalling pathway in proliferating cells. Nature Communications, 2017, 8, 1246.	5.8	36
42	Age-dependent motor dysfunction due to neuron-specific disruption of stress-activated protein kinase MKK7. Scientific Reports, 2017, 7, 7348.	1.6	17
43	YAP determines the cell fate of injured mouse hepatocytes in vivo. Nature Communications, 2017, 8, 16017.	5.8	40
44	SLC7 family transporters control the establishment of left-right asymmetry during organogenesis in medaka by activating mTOR signaling. Biochemical and Biophysical Research Communications, 2016, 474, 146-153.	1.0	7
45	Validation of chemical compound library screening for transcriptional coâ€activator with <scp>PDZ</scp>â€binding motif inhibitors using <scp>GFP</scp>â€fused transcriptional coâ€activator with <scp>PDZ</scp>â€binding motif. Cancer Science, 2016, 107, 791-802.	1.7	6
46	The mevalonate pathway regulates primitive streak formation via protein farnesylation. Scientific Reports, 2016, 6, 37697.	1.6	8
47	MDCK cells expressing constitutively active Yes-associated protein (YAP) undergo apical extrusion depending on neighboring cell status. Scientific Reports, 2016, 6, 28383.	1.6	50
48	Modulation of anti-cancer drug sensitivity through the regulation of mitochondrial activity by adenylate kinase 4. Journal of Experimental and Clinical Cancer Research, 2016, 35, 48.	3.5	45
49	Dysregulated YAP1/TAZ and TGF-Î² signaling mediate hepatocarcinogenesis in <i>Mob1a/1b</i>-deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E71-80.	3.3	158
50	Genetically Encoded Fluorescent Probe for Imaging Apoptosis <i>in Vivo</i> with Spontaneous GFP Complementation. Analytical Chemistry, 2016, 88, 838-844.	3.2	24
51	Evidence for a Role of the Transcriptional Regulator Maid in Tumorigenesis and Aging. PLoS ONE, 2015, 10, e0129950.	1.1	5
52	A Modified Murine Embryonic Stem Cell Test for Evaluating the Teratogenic Effects of Drugs on Early Embryogenesis. PLoS ONE, 2015, 10, e0145286.	1.1	10
53	A cell-based screening for TAZ activators identifies ethacridine, a widely used antiseptic and abortifacient, as a compound that promotes dephosphorylation of TAZ and inhibits adipogenesis in C3H10T1/2 cells. Journal of Biochemistry, 2015, 158, 413-423.	0.9	27
54	Extracellular acidification activates ovarian cancer G-protein-coupled receptor 1 and GPR4 homologs of zebra fish. Biochemical and Biophysical Research Communications, 2015, 457, 493-499.	1.0	10

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55	YAP is essential for tissue tension to ensure vertebrate 3D body shape. <i>Nature</i> , 2015, 521, 217-221.	13.7	237
56	The Hippo Pathway Controls a Switch between Retinal Progenitor Cell Proliferation and Photoreceptor Cell Differentiation in Zebrafish. <i>PLoS ONE</i> , 2014, 9, e97365.	1.1	43
57	Overexpression of autotaxin, a lysophosphatidic acid-producing enzyme, enhances cardia bifida induced by hypo-sphingosine-1-phosphate signaling in zebrafish embryo. <i>Journal of Biochemistry</i> , 2014, 155, 235-241.	0.9	15
58	The PDZ-binding motif of Yes-associated protein is required for its co-activation of TEAD-mediated CTGF transcription and oncogenic cell transforming activity. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 917-923.	1.0	60
59	Screening with a Novel Cell-Based Assay for TAZ Activators Identifies a Compound That Enhances Myogenesis in C2C12 Cells and Facilitates Muscle Repair in a Muscle Injury Model. <i>Molecular and Cellular Biology</i> , 2014, 34, 1607-1621.	1.1	47
60	Status and Prospects of Liver Cirrhosis Treatment by Using Bone Marrow-Derived Cells and Mesenchymal Cells. <i>Tissue Engineering - Part B: Reviews</i> , 2014, 20, 206-210.	2.5	33
61	Control of the Hippo Pathway by Set7-Dependent Methylation of Yap. <i>Developmental Cell</i> , 2013, 26, 188-194.	3.1	130
62	Acetylcholine receptors regulate gene expression that is essential for primitive streak formation in murine embryoid bodies. <i>Biochemical and Biophysical Research Communications</i> , 2013, 435, 447-453.	1.0	8
63	The expanding role of fish models in understanding non-alcoholic fatty liver disease. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 905-14.	1.2	78
64	hDlk-1: a cell surface marker common to normal hepatic stem/progenitor cells and carcinomas. <i>Journal of Biochemistry</i> , 2012, 152, 121-123.	0.9	14
65	A Novel Acetylation Cycle of Transcription Co-activator Yes-associated Protein That Is Downstream of Hippo Pathway Is Triggered in Response to SN2 Alkylating Agents. <i>Journal of Biological Chemistry</i> , 2012, 287, 22089-22098.	1.6	71
66	Reply to Sun et al.: Targeting YAP Acetylation in Cancer. <i>Journal of Biological Chemistry</i> , 2012, 287, 35443.	1.6	0
67	Diverse Roles of JNK and MKK Pathways in the Brain. <i>Journal of Signal Transduction</i> , 2012, 2012, 1-9.	2.0	65
68	Involvement of Stress Kinase Mitogen-activated Protein Kinase Kinase 7 in Regulation of Mammalian Circadian Clock. <i>Journal of Biological Chemistry</i> , 2012, 287, 8318-8326.	1.6	21
69	Granulocyte Colony-Stimulating Factor and Interleukin-1 β are Important Cytokines in Repair of the Cirrhotic Liver after Bone Marrow Cell Infusion: Comparison of Humans and Model Mice. <i>Cell Transplantation</i> , 2012, 21, 2363-2375.	1.2	13
70	Ezetimibe reduces fatty acid quantity in liver and decreased inflammatory cell infiltration and improved NASH in medaka model. <i>Biochemical and Biophysical Research Communications</i> , 2012, 422, 22-27.	1.0	13
71	Prospective Isolation and Characterization of Bipotent Progenitor Cells in Early Mouse Liver Development. <i>Stem Cells and Development</i> , 2012, 21, 1124-1133.	1.1	31
72	Splenectomy enhances the anti-fibrotic effect of bone marrow cell infusion and improves liver function in cirrhotic mice and patients. <i>Journal of Gastroenterology</i> , 2012, 47, 300-312.	2.3	22

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73	Light, Reactive Oxygen Species, and Magnetic Fields Activating ERK/MAPK Signaling Pathway in Cultured Zebrafish Cells. <i>Applied Magnetic Resonance</i> , 2012, 42, 69-77.	0.6	8
74	Cancer susceptibility and embryonic lethality in Mob1a/1b double-mutant mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 4505-4518.	3.9	125
75	Establishment of Functioning Human Corneal Endothelial Cell Line with High Growth Potential. <i>PLoS ONE</i> , 2012, 7, e29677.	1.1	19
76	Imaging mass spectrometry reveals characteristic changes in triglyceride and phospholipid species in regenerating mouse liver. <i>Biochemical and Biophysical Research Communications</i> , 2011, 408, 120-125.	1.0	16
77	Diphenyleiodonium Chloride, an Inhibitor of Reduced Nicotinamide Adenine Dinucleotide Phosphate Oxidase, Suppresses Light-Dependent Induction of Clock and DNA Repair Genes in Zebrafish. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 1343-1347.	0.6	18
78	Telmisartan improves nonalcoholic steatohepatitis in medaka (<i>Oryzias latipes</i>) by reducing macrophage infiltration and fat accumulation. <i>Cell and Tissue Research</i> , 2011, 344, 125-134.	1.5	35
79	TNFR1-mediated signaling is important to induce the improvement of liver fibrosis by bone marrow cell infusion. <i>Cell and Tissue Research</i> , 2011, 346, 79-88.	1.5	7
80	A cell-based assay to screen stimulators of the Hippo pathway reveals the inhibitory effect of dobutamine on the YAP-dependent gene transcription. <i>Journal of Biochemistry</i> , 2011, 150, 199-208.	0.9	153
81	RhoA activation participates in rearrangement of processing bodies and release of nucleated AU-rich mRNAs. <i>Nucleic Acids Research</i> , 2011, 39, 3446-3457.	6.5	13
82	Stress-Activated Protein Kinase MKK7 Regulates Axon Elongation in the Developing Cerebral Cortex. <i>Journal of Neuroscience</i> , 2011, 31, 16872-16883.	1.7	64
83	Autotaxin Regulates Vascular Development via Multiple Lysophosphatidic Acid (LPA) Receptors in Zebrafish. <i>Journal of Biological Chemistry</i> , 2011, 286, 43972-43983.	1.6	80
84	Filamin associates with stress signalling kinases MKK7 and MKK4 and regulates JNK activation. <i>Biochemical Journal</i> , 2010, 427, 237-245.	1.7	26
85	A Common Origin: Signaling Similarities in the Regulation of the Circadian Clock and DNA Damage Responses. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 535-544.	0.6	35
86	Retinoic acid signaling positively regulates liver specification by inducing <i>wnt2bb</i> gene expression in medaka. <i>Hepatology</i> , 2010, 51, 1037-1045.	3.6	28
87	Negative regulation of <i>wnt11</i> expression by Jnk signaling during zebrafish gastrulation. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 1022-1037.	1.2	27
88	Mice lacking Dok-1, Dok-2, and Dok-3 succumb to aggressive histiocytic sarcoma. <i>Laboratory Investigation</i> , 2010, 90, 1357-1364.	1.7	45
89	Diverse Physiological Functions of MKK4 and MKK7 during Early Embryogenesis. <i>Journal of Biochemistry</i> , 2010, 148, 393-401.	0.9	42
90	Medaka as a model for human nonalcoholic steatohepatitis. <i>DMM Disease Models and Mechanisms</i> , 2010, 3, 431-440.	1.2	59

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91	p38 Mitogen-Activated Protein Kinase Controls a Switch Between Cardiomyocyte and Neuronal Commitment of Murine Embryonic Stem Cells by Activating Myocyte Enhancer Factor 2C-Dependent Bone Morphogenetic Protein 2 Transcription. <i>Stem Cells and Development</i> , 2010, 19, 1723-1734.	1.1	41
92	The LIM protein Ajuba is required for ciliogenesis and left-right axis determination in medaka. <i>Biochemical and Biophysical Research Communications</i> , 2010, 396, 887-893.	1.0	12
93	An improved method for cell-to-cell transmission of infectious prion. <i>Biochemical and Biophysical Research Communications</i> , 2010, 397, 505-508.	1.0	1
94	A Global In Vivo <i>Drosophila</i> RNAi Screen Identifies NOT3 as a Conserved Regulator of Heart Function. <i>Cell</i> , 2010, 141, 142-153.	13.5	199
95	Blockage by SP600125 of Fc γ Receptor-Induced Degranulation and Cytokine Gene Expression in Mast Cells is Mediated Through Inhibition of Phosphatidylinositol 3-Kinase Signalling Pathway. <i>Journal of Biochemistry</i> , 2009, 145, 345-354.	0.9	31
96	Hematopoiesis-dependent expression of CD44 in murine hepatic progenitor cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 817-823.	1.0	16
97	CrxOS maintains the self-renewal capacity of murine embryonic stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 1129-1135.	1.0	9
98	Liver development: lessons from knockout mice and mutant fish. <i>Hepatology Research</i> , 2009, 39, 633-644.	1.8	14
99	Common light signaling pathways controlling DNA repair and circadian clock entrainment in zebrafish. <i>Cell Cycle</i> , 2009, 8, 2794-2801.	1.3	50
100	Pax6-5a Promotes Neuronal Differentiation of Murine Embryonic Stem Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 999-1003.	0.6	19
101	Activation of the c-Jun N-Terminal Kinase Pathway by MST1 Is Essential and Sufficient for the Induction of Chromatin Condensation during Apoptosis. <i>Molecular and Cellular Biology</i> , 2007, 27, 5514-5522.	1.1	74
102	Liver development and regeneration: From laboratory study to clinical therapy. <i>Development Growth and Differentiation</i> , 2007, 49, 163-170.	0.6	55
103	Stress Induces Mitochondria-mediated Apoptosis Independent of SAPK/JNK Activation in Embryonic Stem Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 1621-1626.	1.6	21
104	MKK7 couples stress signalling to G2/M cell-cycle progression and cellular senescence. <i>Nature Cell Biology</i> , 2004, 6, 215-226.	4.6	134
105	Transplantation of bone marrow cells reduces CCl4-induced liver fibrosis in mice. <i>Hepatology</i> , 2004, 40, 1304-1311.	3.6	521
106	Mutations affecting liver development and function in Medaka, <i>Oryzias latipes</i> , screened by multiple criteria. <i>Mechanisms of Development</i> , 2004, 121, 791-802.	1.7	35
107	A systematic genome-wide screen for mutations affecting organogenesis in Medaka, <i>Oryzias latipes</i> . <i>Mechanisms of Development</i> , 2004, 121, 647-658.	1.7	126
108	A subpopulation of bone marrow cells depleted by a novel antibody, anti-Liv8, is useful for cell therapy to repair damaged liver. <i>Biochemical and Biophysical Research Communications</i> , 2004, 313, 1110-1118.	1.0	47

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109	An In Vivo Model for Monitoring Trans-Differentiation of Bone Marrow Cells into Functional Hepatocytes. <i>Journal of Biochemistry</i> , 2003, 134, 551-558.	0.9	158
110	Different Properties of SEK1 and MKK7 in Dual Phosphorylation of Stress-induced Activated Protein Kinase SAPK/JNK in Embryonic Stem Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 16595-16601.	1.6	65
111	SEK1/MKK4-Mediated SAPK/JNK Signaling Participates in Embryonic Hepatoblast Proliferation via a Pathway Different from NF- κ B-Induced Anti-Apoptosis. <i>Developmental Biology</i> , 2002, 250, 332-347.	0.9	110
112	SEK1/MKK4-mediated SAPK/JNK signaling participates in embryonic hepatoblast proliferation via a pathway different from NF- κ B-induced anti-apoptosis. <i>Developmental Biology</i> , 2002, 250, 332-47.	0.9	28
113	Negative regulation of lymphocyte activation and autoimmunity by the molecular adaptor Cbl-b. <i>Nature</i> , 2000, 403, 211-216.	13.7	623
114	Impaired CD28-mediated Interleukin 2 Production and Proliferation in Stress Kinase SAPK/ERK1 Kinase (SEK1)/Mitogen-activated Protein Kinase Kinase 4 (MKK4)-deficient T Lymphocytes. <i>Journal of Experimental Medicine</i> , 1997, 186, 941-953.	4.2	126
115	Stress-signalling kinase Sek1 protects thymocytes from apoptosis mediated by CD95 and CD3. <i>Nature</i> , 1997, 385, 350-353.	13.7	339