

# Takahisa Nakamura

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9537637/publications.pdf>

Version: 2024-02-01

49  
papers

2,556  
citations

304743

22  
h-index

377865

34  
g-index

51  
all docs

51  
docs citations

51  
times ranked

4088  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel role of PKR in inflammasome activation and HMGB1 release. <i>Nature</i> , 2012, 488, 670-674.	27.8	672
2	Double-Stranded RNA-Dependent Protein Kinase Links Pathogen Sensing with Stress and Metabolic Homeostasis. <i>Cell</i> , 2010, 140, 338-348.	28.9	453
3	Oligo-astheno-teratozoospermia in mice lacking Cnot7, a regulator of retinoid X receptor beta. <i>Nature Genetics</i> , 2004, 36, 528-533.	21.4	127
4	Phosphorylation of three regulatory serines of Tob by Erk1 and Erk2 is required for Ras-mediated cell proliferation and transformation. <i>Genes and Development</i> , 2002, 16, 1356-1370.	5.9	123
5	Mice lacking a transcriptional corepressor Tob are predisposed to cancer. <i>Genes and Development</i> , 2003, 17, 1201-1206.	5.9	107
6	Potential role for snoRNAs in PKR activation during metabolic stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5023-5028.	7.1	107
7	Depletion of Mammalian CCR4b Deadynylase Triggers Elevation of the $p27^{Kip1}$ mRNA Level and Impairs Cell Growth. <i>Molecular and Cellular Biology</i> , 2007, 27, 4980-4990.	2.3	98
8	Structural Basis for the Antiproliferative Activity of the Tob-hCaf1 Complex. <i>Journal of Biological Chemistry</i> , 2009, 284, 13244-13255.	3.4	85
9	Transcription of mouse DNA methyltransferase 1 (Dnmt1) is regulated by both E2F-Rb-HDAC-dependent and -independent pathways. <i>Nucleic Acids Research</i> , 2003, 31, 3101-3113.	14.5	84
10	Obesity resistance and increased hepatic expression of catabolism-related mRNAs in $Cnot3^{+/+}$ mice. <i>EMBO Journal</i> , 2011, 30, 4678-4691.	7.8	71
11	Rapid and label-free isolation of small extracellular vesicles from biofluids utilizing a novel insulator based dielectrophoretic device. <i>Lab on A Chip</i> , 2019, 19, 3726-3734.	6.0	61
12	Small-Molecule Inhibitors of PKR Improve Glucose Homeostasis in Obese Diabetic Mice. <i>Diabetes</i> , 2014, 63, 526-534.	0.6	56
13	Adaptive Thermogenesis in Mice Is Enhanced by Opsin 3-Dependent Adipocyte Light Sensing. <i>Cell Reports</i> , 2020, 30, 672-686.e8.	6.4	53
14	An FGF4-FRS2 $\beta$ -Cdx2 Axis in Trophoblast Stem Cells Induces BMP4 to Regulate Proper Growth of Early Mouse Embryos. <i>Stem Cells</i> , 2009, 28, N/A-N/A.	3.2	49
15	A Critical Role for PKR Complexes with TRBP in Immunometabolic Regulation and eIF2 $\beta$ Phosphorylation in Obesity. <i>Cell Reports</i> , 2015, 11, 295-307.	6.4	49
16	Deficiency of antiproliferative family protein Ana correlates with development of lung adenocarcinoma. <i>Cancer Science</i> , 2009, 100, 225-232.	3.9	48
17	Azoospermia in mice with targeted disruption of the Brek/Lmtk2 (brain-enriched kinase/lemur tyrosine) Tj ETQq1 1 0.784314 rgBT /Over 103, 19344-19349.	7.1	42
18	Association of ANA, a Member of the Antiproliferative Tob Family Proteins, with a Caf1 Component of the CCR4 Transcriptional Regulatory Complex. <i>Japanese Journal of Cancer Research</i> , 2001, 92, 592-596.	1.7	38

#	ARTICLE	IF	CITATIONS
19	Cnot7-Null Mice Exhibit High Bone Mass Phenotype and Modulation of BMP Actions. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 1217-1223.	2.8	31
20	Extracellular Vesicles: A Potential Novel Regulator of Obesity and Its Associated Complications. <i>Children</i> , 2018, 5, 152.	1.5	29
21	Hepatic Ago2-mediated RNA silencing controls energy metabolism linked to AMPK activation and obesity-associated pathophysiology. <i>Nature Communications</i> , 2018, 9, 3658.	12.8	29
22	An Hsp20-FBXO4 Axis Regulates Adipocyte Function through Modulating PPAR $\beta$ Ubiquitination. <i>Cell Reports</i> , 2018, 23, 3607-3620.	6.4	25
23	Osteoporotic bone formation in mice lacking <i>tob2</i> ; involvement of Tob2 in RANK ligand expression and osteoclasts differentiation. <i>FEBS Letters</i> , 2008, 582, 1313-1318.	2.8	23
24	RNAs and RNA-Binding Proteins in Immuno-Metabolic Homeostasis and Diseases. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 106.	2.4	20
25	Abnormal sperm morphology caused by defects in Sertoli cells of Cnot7 knockout mice. <i>Archives of Histology and Cytology</i> , 2004, 67, 307-314.	0.2	18
26	Whole-Mount Adult Ear Skin Imaging Reveals Defective Neuro-Vascular Branching Morphogenesis in Obese and Type 2 Diabetic Mouse Models. <i>Scientific Reports</i> , 2018, 8, 430.	3.3	14
27	Altered Gene Expression in the Adult Brain of fyn-Deficient Mice. <i>Cellular and Molecular Neurobiology</i> , 2004, 24, 149-159.	3.3	10
28	Hepatic Ago2 Regulates PPAR $\alpha$ for Oxidative Metabolism Linked to Glycemic Control in Obesity and Post Bariatric Surgery. <i>Endocrinology</i> , 2021, 162, .	2.8	7
29	A Label-Free Electrical Impedance Spectroscopy for Detection of Clusters of Extracellular Vesicles Based on Their Unique Dielectric Properties. <i>Biosensors</i> , 2022, 12, 104.	4.7	7
30	Isolation of Primary Mouse Hepatocytes for Nascent Protein Synthesis Analysis by Non-radioactive L-azidohomoalanine Labeling Method. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	6
31	Expression Analysis of LacZ gene placed in the locus of Cnot7 exhibits its activity in osteoblasts in vivo and in mineralized nodules in vitro. <i>Journal of Cellular Biochemistry</i> , 2006, 99, 538-544.	2.6	4
32	Modeling Human Bile Acid Transport and Synthesis in Stem Cell-Derived Hepatocytes with a Patient-Specific Mutation. <i>Stem Cell Reports</i> , 2021, 16, 309-323.	4.8	3
33	dsRNA in immunometabolism. <i>Oncotarget</i> , 2015, 6, 19940-19941.	1.8	3
34	Cellular Approaches in Investigating Argonaute2-Dependent RNA Silencing. <i>Methods in Molecular Biology</i> , 2018, 1680, 205-215.	0.9	1
35	Mo2013 “ Hepatic Ago2 is Indispensable for Nash Reversal by Vertical Sleeve Gastrectomy in Diet Induced Obese Mice. <i>Gastroenterology</i> , 2019, 156, S-925.	1.3	0
36	What’s™s Up with BAT?. <i>Science Translational Medicine</i> , 2012, 4, .	12.4	0

#	ARTICLE	IF	CITATIONS
37	Diseases of Resistance. Science Translational Medicine, 2012, 4, .	12.4	0
38	Bypassing Alzheimer's Disease. Science Translational Medicine, 2012, 4, .	12.4	0
39	Perceiving Your Appetite. Science Translational Medicine, 2012, 4, .	12.4	0
40	You Are What and When You Eat. Science Translational Medicine, 2012, 4, .	12.4	0
41	Mitochondrial Workout. Science Translational Medicine, 2012, 4, .	12.4	0
42	Microbial Manipulation of Metabolism. Science Translational Medicine, 2012, 4, .	12.4	0
43	A Warning Bell Tolls for Type 1 Diabetes. Science Translational Medicine, 2012, 4, .	12.4	0
44	Weighty Considerations. Science Translational Medicine, 2012, 4, .	12.4	0
45	Resveratrol: Too Early to Bring Out the Wine?. Science Translational Medicine, 2012, 4, .	12.4	0
46	Microbes and Type 1 Diabetes. Science Translational Medicine, 2013, 5, .	12.4	0
47	Revisiting Metformin. Science Translational Medicine, 2013, 5, .	12.4	0
48	Role of Double-Stranded RNA Pathways in Immunometabolism in Obesity. , 2016, , 277-290.		0
49	The Role of Exosomes in Improvement of Insulin Sensitivity in Obese Adolescents following Bariatric Surgery. Diabetes, 2018, 67, 345-OR.	0.6	0