

# Tadashi Yamamoto

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,880  
citations

394421

19  
h-index

345221

36  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2198  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impaired proliferation of peripheral B cells and indication of autoimmune disease in lyn-deficient mice. <i>Immunity</i> , 1995, 3, 549-560.	14.3	454
2	miRNA-mediated deadenylation is orchestrated by GW182 through two conserved motifs that interact with CCR4- $\epsilon$ -NOT. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 1211-1217.	8.2	286
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	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
5	Multifunctional roles of the mammalian CCR4- $\epsilon$ -NOT complex in physiological phenomena. <i>Frontiers in Genetics</i> , 2014, 5, 286.	2.3	95
6	Lyn Kinase Suppresses the Transcriptional Activity of IRF5 in the TLR-MyD88 Pathway to Restrain the Development of Autoimmunity. <i>Immunity</i> , 2016, 45, 319-332.	14.3	81
7	Obesity resistance and increased hepatic expression of catabolism-related mRNAs in $Cnot3^{+/-}$ mice. <i>EMBO Journal</i> , 2011, 30, 4678-4691.	7.8	71
8	CNOT2 depletion disrupts and inhibits the CCR4-NOT deadenylase complex and induces apoptotic cell death. <i>Genes To Cells</i> , 2011, 16, 368-379.	1.2	69
9	The role of the CNOT1 subunit of the CCR4-NOT complex in mRNA deadenylation and cell viability. <i>Protein and Cell</i> , 2011, 2, 755-763.	11.0	63
10	The CCR4-NOT deadenylase complex controls Atg7-dependent cell death and heart function. <i>Science Signaling</i> , 2018, 11, .	3.6	51
11	Post-transcriptional Stabilization of Ucp1 mRNA Protects Mice from Diet-Induced Obesity. <i>Cell Reports</i> , 2015, 13, 2756-2767.	6.4	46
12	CNOT3 contributes to early B cell development by controlling $Igh$ rearrangement and $p53$ mRNA stability. <i>Journal of Experimental Medicine</i> , 2015, 212, 1465-1479.	8.5	43
13	Distinct expression patterns of the subunits of the CCR4- $\epsilon$ -NOT deadenylase complex during neural development. <i>Biochemical and Biophysical Research Communications</i> , 2011, 411, 360-364.	2.1	37
14	CNOT3 suppression promotes necroptosis by stabilizing mRNAs for cell death-inducing proteins. <i>Scientific Reports</i> , 2015, 5, 14779.	3.3	37
15	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
16	Stability of mRNA influences osteoporotic bone mass via CNOT3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2692-2697.	7.1	29
17	Fluid flow-induced left-right asymmetric decay of Dand5 mRNA in the mouse embryo requires a Bicc1-Ccr4 RNA degradation complex. <i>Nature Communications</i> , 2021, 12, 4071.	12.8	28
18	Tob2 Inhibits Peroxisome Proliferator-Activated Receptor $\beta$ Expression by Sequestering Smads and C/EBP $\beta$ during Adipocyte Differentiation. <i>Molecular and Cellular Biology</i> , 2012, 32, 5067-5077.	2.3	27

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19	Essential functions of the CNOT7/8 catalytic subunits of the CCR4-NOT complex in mRNA regulation and cell viability. <i>RNA Biology</i> , 2020, 17, 403-416.	3.1	27
20	Genetic and chemical inhibition of IRF5 suppresses pre-existing mouse lupus-like disease. <i>Nature Communications</i> , 2021, 12, 4379.	12.8	24
21	Adipocyte-specific disruption of mouse <i>Cnot3</i> causes lipodystrophy. <i>FEBS Letters</i> , 2017, 591, 358-368.	2.8	20
22	Postnatal liver functional maturation requires Cnot complex-mediated decay of mRNAs encoding cell cycle and immature liver genes. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	18
23	The CCR4-NOT complex maintains liver homeostasis through mRNA deadenylation. <i>Life Science Alliance</i> , 2020, 3, e201900494.	2.8	17
24	Involvement of CNOT3 in mitotic progression through inhibition of MAD1 expression. <i>Biochemical and Biophysical Research Communications</i> , 2012, 419, 268-273.	2.1	15
25	Loss of $\beta$ -cell identity and diabetic phenotype in mice caused by disruption of CNOT3-dependent mRNA deadenylation. <i>Communications Biology</i> , 2020, 3, 476.	4.4	13
26	The CCR4-NOT Deadenylase Complex Maintains Adipocyte Identity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5274.	4.1	11
27	The CCR4-NOT deadenylase complex safeguards thymic positive selection by down-regulating aberrant pro-apoptotic gene expression. <i>Nature Communications</i> , 2020, 11, 6169.	12.8	11
28	The mitochondrial protein PGAM5 suppresses energy consumption in brown adipocytes by repressing expression of uncoupling protein 1. <i>Journal of Biological Chemistry</i> , 2020, 295, 5588-5601.	3.4	9
29	ARE-binding protein ZFP36L1 interacts with CNOT1 to directly repress translation via a deadenylation-independent mechanism. <i>Biochimie</i> , 2020, 174, 49-56.	2.6	9
30	RNA decay machinery safeguards immune cell development and immunological responses. <i>Trends in Immunology</i> , 2021, 42, 447-460.	6.8	6
31	Regulation of Early Lymphocyte Development via mRNA Decay Catalyzed by the CCR4-NOT Complex. <i>Frontiers in Immunology</i> , 2021, 12, 715675.	4.8	5
32	Neuronal XRN1 is required for maintenance of whole-body metabolic homeostasis. <i>IScience</i> , 2021, 24, 103151.	4.1	5
33	CNOT7 Outcompetes Its Paralog CNOT8 for Integration into The CCR4-NOT Complex. <i>Journal of Molecular Biology</i> , 2022, 434, 167523.	4.2	5
34	States of decay: The systems biology of mRNA stability. <i>Current Opinion in Systems Biology</i> , 2019, 15, 48-57.	2.6	4
35	CNOT3 suppression promotes necroptosis by stabilizing mRNAs for cell death-inducing proteins. , 0, .		4
36	Regulation of Fetal Genes by Transitions among RNA-Binding Proteins during Liver Development. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9319.	4.1	3

#	ARTICLE	IF	CITATIONS
37	CNOT1 regulates circadian behaviour through <i>Per2</i> mRNA decay in a deadenylation-dependent manner. RNA Biology, 2022, 19, 703-718.	3.1	1
38	Insufficient liver maturation affects murine early postnatal hair cycle. Biochemical and Biophysical Research Communications, 2020, 521, 172-177.	2.1	0
39	Regulation of CCR4-NOT complex deadenylase activity and cellular responses by MK2-dependent phosphorylation of CNOT2. RNA Biology, 2022, 19, 234-246.	3.1	0