Masahiro Morita

List of Publications by Year in descending order

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Version: 2024-02-01

40 papers	3,883 citations	201575 27 h-index	302012 39 g-index
42 all docs	42 docs citations	42 times ranked	7335 citing authors

#	Article	IF	Citations
1	Deadenylase-dependent mRNA decay of GDF15 and FGF21 orchestrates food intake and energy expenditure. Cell Metabolism, 2022, 34, 564-580.e8.	7.2	21
2	Menin and Menin-Associated Proteins Coregulate Cancer Energy Metabolism. Cancers, 2020, 12, 2715.	1.7	7
3	The CCR4â€“NOT deadenylase complex safeguards thymic positive selection by down-regulating aberrant pro-apoptotic gene expression. Nature Communications, 2020, 11, 6169.	5.8	11
4	Hepatic Choline Transport Is Inhibited During Fatty Acidâ€“Induced Lipotoxicity and Obesity. Hepatology Communications, 2020, 4, 876-889.	2.0	5
5	4E-BPâ€“Dependent Translational Control of Irf8 Mediates Adipose Tissue Macrophage Inflammatory Response. Journal of Immunology, 2020, 204, 2392-2400.	0.4	11
6	Hepatic posttranscriptional network comprised of CCR4â€“NOT deadenylase and FGF21 maintains systemic metabolic homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7973-7981.	3.3	21
7	Translational and HIF-1Î±-Dependent Metabolic Reprogramming Underpin Metabolic Plasticity and Responses to Kinase Inhibitors and Biguanides. Cell Metabolism, 2018, 28, 817-832.e8.	7.2	61
8	Translational control of ERK signaling through miRNA/4EHP-directed silencing. ELife, 2018, 7, .	2.8	41
9	Adipocyteâ€specific disruption of mouse Cnot3 causes lipodystrophy. FEBS Letters, 2017, 591, 358-368.	1.3	20
10	mTOR Controls Mitochondrial Dynamics and Cell Survival via MTFP1. Molecular Cell, 2017, 67, 922-935.e5.	4.5	249
11	Translation is actively regulated during the differentiation of CD8+ effector T cells. Nature Immunology, 2017, 18, 1046-1057.	7.0	126
12	Metformin requires 4E-BPs to induce apoptosis and repress translation of Mcl-1 in hepatocellular carcinoma cells. Oncotarget, 2017, 8, 50542-50556.	0.8	21
13	mTORC1 and CK2 coordinate ternary and eIF4F complex assembly. Nature Communications, 2016, 7, 11127.	5.8	75
14	nanoCAGE reveals 5â€² UTR features that define specific modes of translation of functionally related MTOR-sensitive mRNAs. Genome Research, 2016, 26, 636-648.	2.4	177
15	Post-transcriptional Stabilization of Ucp1 mRNA Protects Mice from Diet-Induced Obesity. Cell Reports, 2015, 13, 2756-2767.	2.9	46
16	mTOR coordinates protein synthesis, mitochondrial activity and proliferation. Cell Cycle, 2015, 14, 473-480.	1.3	397
17	CNOT3 contributes to early B cell development by controlling Igh rearrangement and p53 mRNA stability. Journal of Experimental Medicine, 2015, 212, 1465-1479.	4.2	43
18	La-related Protein 1 (LARP1) Represses Terminal Oligopyrimidine (TOP) mRNA Translation Downstream of mTOR Complex 1 (mTORC1). Journal of Biological Chemistry, 2015, 290, 15996-16020.	1.6	198

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19	Deletion of the gene encoding G0/G1 switch protein 2 (G0s2) alleviates high-fat-diet-induced weight gain and insulin resistance, and promotes browning of white adipose tissue in mice. Diabetologia, 2015, 58, 149-157.	2.9	38
20	Stability of mRNA influences osteoporotic bone mass via CNOT3. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2692-2697.	3.3	29
21	Human DDX6 effects miRNA-mediated gene silencing via direct binding to CNOT1. Rna, 2014, 20, 1398-1409.	1.6	112
22	Multifunctional roles of the mammalian CCR4Ã¢â‚¬â€œNOT complex in physiological phenomena. Frontiers in Genetics, 2014, 5, 286.	1.1	95
23	Polysome Fractionation and Analysis of Mammalian Translatomes on a Genome-wide Scale. Journal of Visualized Experiments, 2014, , .	0.2	153
24	mTORC1 Controls Mitochondrial Activity and Biogenesis through 4E-BP-Dependent Translational Regulation. Cell Metabolism, 2013, 18, 698-711.	7.2	647
25	Polysome Profiling Analysis. Bio-protocol, 2013, 3, .	0.2	9
26	Tob2 Inhibits Peroxisome Proliferator-Activated Receptor Î³2 Expression by Sequestering Smads and C/EBPÎ± during Adipocyte Differentiation. Molecular and Cellular Biology, 2012, 32, 5067-5077.	1.1	27
27	A Novel 4EHP-GIGYF2 Translational Repressor Complex Is Essential for Mammalian Development. Molecular and Cellular Biology, 2012, 32, 3585-3593.	1.1	164
28	Involvement of CNOT3 in mitotic progression through inhibition of MAD1 expression. Biochemical and Biophysical Research Communications, 2012, 419, 268-273.	1.0	15
29	eIF4E/4E-BP Ratio Predicts the Efficacy of mTOR Targeted Therapies. Cancer Research, 2012, 72, 6468-6476.	0.4	140
30	Distinct perturbation of the translatome by the antidiabetic drug metformin. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8977-8982.	3.3	169
31	CNOT2 depletion disrupts and inhibits the CCR4-NOT deadenylase complex and induces apoptotic cell death. Genes To Cells, 2011, 16, 368-379.	0.5	69
32	miRNA-mediated deadenylation is orchestrated by GW182 through two conserved motifs that interact with CCR4â€“NOT. Nature Structural and Molecular Biology, 2011, 18, 1211-1217.	3.6	286
33	The role of the CNOT1 subunit of the CCR4-NOT complex in mRNA deadenylation and cell viability. Protein and Cell, 2011, 2, 755-763.	4.8	63
34	Obesity resistance and increased hepatic expression of catabolism-related mRNAs inCnot3^{+/â^'}mice. EMBO Journal, 2011, 30, 4678-4691.	3.5	71
35	Crystal structure of the human CNOT6L nuclease domain reveals strict poly(A) substrate specificity. EMBO Journal, 2010, 29, 2566-2576.	3.5	87
36	Involvement of the CCR4-NOT Deadenylase Complex in the Control of Cell Growth. , 2009, , 229-237.		1

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37	Interaction of antiproliferative protein Tob with the CCR4â€NOT deadenylase complex. Cancer Science, 2008, 99, 755-761.	1.7	35
38	Crystal structures of human BTG2 and mouse TIS21 involved in suppression of CAF1 deadenylase activity. Nucleic Acids Research, 2008, 36, 6872-6881.	6.5	43
39	Depletion of Mammalian CCR4b Deadenylase Triggers Elevation of the p27 Kip1 mRNA Level and Impairs Cell Growth. Molecular and Cellular Biology, 2007, 27, 4980-4990.	1.1	98
40	Translational and HIF11-Dependent Metabolic Reprograming Underpin Oncometabolome Plasticity and Synergy Between Oncogenic Kinase Inhibitors and Biguanides. SSRN Electronic Journal, 0, , .	0.4	1