

Masahiro Morita

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

3,883
citations

201674
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docs citations

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times ranked

7335
citing authors

#	ARTICLE	IF	CITATIONS
1	Deadenylase-dependent mRNA decay of GDF15 and FGF21 orchestrates food intake and energy expenditure. <i>Cell Metabolism</i> , 2022, 34, 564-580.e8.	16.2	21
2	Menin and Menin-Associated Proteins Coregulate Cancer Energy Metabolism. <i>Cancers</i> , 2020, 12, 2715.	3.7	7
3	The CCR4â€“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
4	Hepatic Choline Transport Is Inhibited During Fatty Acidâ€“Induced Lipotoxicity and Obesity. <i>Hepatology Communications</i> , 2020, 4, 876-889.	4.3	5
5	4E-BPâ€“Dependent Translational Control of Irf8 Mediates Adipose Tissue Macrophage Inflammatory Response. <i>Journal of Immunology</i> , 2020, 204, 2392-2400.	0.8	11
6	Hepatic posttranscriptional network comprised of CCR4â€“NOT deadenylase and FGF21 maintains systemic metabolic homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7973-7981.	7.1	21
7	Translational and HIF-1Î±-Dependent Metabolic Reprogramming Underpin Metabolic Plasticity and Responses to Kinase Inhibitors and Biguanides. <i>Cell Metabolism</i> , 2018, 28, 817-832.e8.	16.2	61
8	Translational control of ERK signaling through miRNA/4EHP-directed silencing. <i>ELife</i> , 2018, 7, .	6.0	41
9	Adipocyteâ€“specific disruption of mouse <i>Cnot3</i> causes lipodystrophy. <i>FEBS Letters</i> , 2017, 591, 358-368.	2.8	20
10	mTOR Controls Mitochondrial Dynamics and Cell Survival via MTFP1. <i>Molecular Cell</i> , 2017, 67, 922-935.e5.	9.7	249
11	Translation is actively regulated during the differentiation of CD8+ effector T cells. <i>Nature Immunology</i> , 2017, 18, 1046-1057.	14.5	126
12	Metformin requires 4E-BPs to induce apoptosis and repress translation of Mcl-1 in hepatocellular carcinoma cells. <i>Oncotarget</i> , 2017, 8, 50542-50556.	1.8	21
13	mTORC1 and CK2 coordinate ternary and eIF4F complex assembly. <i>Nature Communications</i> , 2016, 7, 11127.	12.8	75
14	nanoCAGE reveals 5â€² UTR features that define specific modes of translation of functionally related MTOR-sensitive mRNAs. <i>Genome Research</i> , 2016, 26, 636-648.	5.5	177
15	Post-transcriptional Stabilization of Ucp1 mRNA Protects Mice from Diet-Induced Obesity. <i>Cell Reports</i> , 2015, 13, 2756-2767.	6.4	46
16	mTOR coordinates protein synthesis, mitochondrial activity and proliferation. <i>Cell Cycle</i> , 2015, 14, 473-480.	2.6	397
17	CNOT3 contributes to early B cell development by controlling <i>Igh</i> rearrangement and <i>p53</i> mRNA stability. <i>Journal of Experimental Medicine</i> , 2015, 212, 1465-1479.	8.5	43
18	La-related Protein 1 (LARP1) Represses Terminal Oligopyrimidine (TOP) mRNA Translation Downstream of mTOR Complex 1 (mTORC1). <i>Journal of Biological Chemistry</i> , 2015, 290, 15996-16020.	3.4	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. <i>Diabetologia</i> , 2015, 58, 149-157.	6.3	38
20	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
21	Human DDX6 effects miRNA-mediated gene silencing via direct binding to CNOT1. <i>Rna</i> , 2014, 20, 1398-1409.	3.5	112
22	Multifunctional roles of the mammalian CCR4-Not1 complex in physiological phenomena. <i>Frontiers in Genetics</i> , 2014, 5, 286.	2.3	95
23	Polysome Fractionation and Analysis of Mammalian Translatomes on a Genome-wide Scale. <i>Journal of Visualized Experiments</i> , 2014, .	0.3	153
24	mTORC1 Controls Mitochondrial Activity and Biogenesis through 4E-BP-Dependent Translational Regulation. <i>Cell Metabolism</i> , 2013, 18, 698-711.	16.2	647
25	Polysome Profiling Analysis. <i>Bio-protocol</i> , 2013, 3, .	0.4	9
26	Tob2 Inhibits Peroxisome Proliferator-Activated Receptor β 2 Expression by Sequestering Smads and C/EBP β during Adipocyte Differentiation. <i>Molecular and Cellular Biology</i> , 2012, 32, 5067-5077.	2.3	27
27	A Novel 4EHP-GIGYF2 Translational Repressor Complex Is Essential for Mammalian Development. <i>Molecular and Cellular Biology</i> , 2012, 32, 3585-3593.	2.3	164
28	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
29	eIF4E/4E-BP Ratio Predicts the Efficacy of mTOR Targeted Therapies. <i>Cancer Research</i> , 2012, 72, 6468-6476.	0.9	140
30	Distinct perturbation of the translatome by the antidiabetic drug metformin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8977-8982.	7.1	169
31	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
32	miRNA-mediated deadenylation is orchestrated by GW182 through two conserved motifs that interact with CCR4-Not1. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 1211-1217.	8.2	286
33	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
34	Obesity resistance and increased hepatic expression of catabolism-related mRNAs in Cnot3 ^{+/+} mice. <i>EMBO Journal</i> , 2011, 30, 4678-4691.	7.8	71
35	Crystal structure of the human CNOT6L nuclease domain reveals strict poly(A) substrate specificity. <i>EMBO Journal</i> , 2010, 29, 2566-2576.	7.8	87
36	Involvement of the CCR4-NOT Deadenylation 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.	3.9	35
38	Crystal structures of human BTG2 and mouse TIS21 involved in suppression of CAF1 deadenylase activity. Nucleic Acids Research, 2008, 36, 6872-6881.	14.5	43
39	Depletion of Mammalian CCR4b Deadenylase Triggers Elevation of the <i>p27</i>^{<i>Kip1</i>} mRNA Level and Impairs Cell Growth. Molecular and Cellular Biology, 2007, 27, 4980-4990.	2.3	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