# Akiko Yanagiya

List of Publications by Year
in descending order



| 31 | 2,085 | 361413 | 434195 |
|---|---|---|---|
| papers | citations | 20 h-index | 31 g-index |

| 33 | 33 | 33 | 3755 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Translation Initiator EIF4G1 Mutations in Familial Parkinson Disease. American Journal of Human Genetics, 2011, 89, 398-406. | 6.2 | 250 |
| 2 | 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. | 3.4 | 198 |
| 3 | miRNA-132 orchestrates chromatin remodeling and translational control of the circadian clock. Human Molecular Genetics, 2011, 20, 731-751. | 2.9 | 177 |
| 4 | Translational Homeostasis via the mRNA Cap-Binding Protein, eIF4E. Molecular Cell, 2012, 46, 847-858. | 9.7 | 146 |
| 5 | eIF4E/4E-BP Ratio Predicts the Efficacy of mTOR Targeted Therapies. Cancer Research, 2012, 72, 6468-6476. | 0.9 | 140 |
| 6 | Translational Control of Entrainment and Synchrony of the Suprachiasmatic Circadian Clock by mTOR/4E-BP1 Signaling. Neuron, 2013, 79, 712-724. | 8.1 | 128 |
| 7 | Poly(A)-Binding Protein-Interacting Protein 1 Binds to Eukaryotic Translation Initiation Factor 3 To Stimulate Translation. Molecular and Cellular Biology, 2008, 28, 6658-6667. | 2.3 | 114 |
| 8 | Requirement of RNA Binding of Mammalian Eukaryotic Translation Initiation Factor 4GI (eIF4GI) for Efficient Interaction of eIF4E with the mRNA Cap. Molecular and Cellular Biology, 2009, 29, 1661-1669. | 2.3 | 100 |
| 9 | Regulation of Poly(A)-binding Protein through PABP-interacting Proteins. Cold Spring Harbor Symposia on Quantitative Biology, 2006, 71, 537-543. | 1.1 | 98 |
| 10 | A Specialized Mechanism of Translation Mediated by FXR1a-Associated MicroRNP in Cellular Quiescence. Molecular Cell, 2016, 61, 760-773. | 9.7 | 85 |
| 11 | Light-regulated translational control of circadian behavior by eIF4E phosphorylation. Nature Neuroscience, 2015, 18, 855-862. | 14.8 | 71 |
| 12 | General RNA-binding proteins have a function in poly(A)-binding protein-dependent translation. EMBO Journal, 2009, 28, 58-68. | 7.8 | 69 |
| 13 | Control of Synaptic Plasticity and Memory via Suppression of Poly(A)-Binding Protein. Neuron, 2013, 78, 298-311. | 8.1 | 65 |
| 14 | The poly(A)-binding protein partner Paip2a controls translation during late spermiogenesis in mice. Journal of Clinical Investigation, 2010, 120, 3389-3400. | 8.2 | 60 |
| 15 | Control of embryonic stem cell self-renewal and differentiation via coordinated alternative splicing and translation of YY2. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12360-12367. | 7.1 | 54 |
| 16 | Control of Translation and miRNA-Dependent Repression by a Novel Poly(A) Binding Protein, hnRNP-Q. PLoS Biology, 2013, 11, e1001564. | 5.6 | 47 |
| 17 | Tissue-Specific Replicating Capacity of a Chimeric Poliovirus That Carries the Internal Ribosome Entry Site of Hepatitis C Virus in a New Mouse Model Transgenic for the Human Poliovirus Receptor. Journal of Virology, 2003, 77, 10479-10487. | 3.4 | 38 |
| 18 | LRRK2 regulates retrograde synaptic compensation at the Drosophila neuromuscular junction. Nature Communications, 2016, 7, 12188. | 12.8 | 37 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Ischemia-induced calpain activation causes eukaryotic (translation) initiation factor 4G1 (eIF4GI) degradation, protein synthesis inhibition, and neuronal death. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18102-18107. | 7.1 | 29 |
| 20 | Essential functions of the CNOT7/8 catalytic subunits of the CCR4-NOT complex in mRNA regulation and cell viability. RNA Biology, 2020, 17, 403-416. | 3.1 | 27 |
| 21 | Metformin requires 4E-BPs to induce apoptosis and repress translation of Mcl-1 in hepatocellular carcinoma cells. Oncotarget, 2017, 8, 50542-50556. | 1.8 | 21 |
| 22 | Active-site mTOR inhibitors augment HSV1-dICP0 infection in cancer cells via dysregulated eIF4E/4E-BP axis. PLoS Pathogens, 2018, 14, e1007264. | 4.7 | 20 |
| 23 | Granzyme B Inhibits Vaccinia Virus Production through Proteolytic Cleavage of Eukaryotic Initiation Factor 4 Gamma 3. PLoS Pathogens, 2011, 7, e1002447. | 4.7 | 19 |
| 24 | The CCR4â€“NOT complex maintains liver homeostasis through mRNA deadenylation. Life Science Alliance, 2020, 3, e201900494. | 2.8 | 17 |
| 25 | Blockade of the Poliovirus-Induced Cytopathic Effect in Neural Cells by Monoclonal Antibody against Poliovirus or the Human Poliovirus Receptor. Journal of Virology, 2005, 79, 1523-1532. | 3.4 | 13 |
| 26 | PABP Interacting Protein 2A (PAIP2A) Regulates Specific Key Proteins During Spermiogenesis in the Mouse1. Biology of Reproduction, 2012, 86, 95. | 2.7 | 13 |
| 27 | 4E-BP2/SH2B1/IRS2 Are Part of a Novel Feedback Loop That Controls Î²-Cell Mass. Diabetes, 2016, 65, 2235-2248. | 0.6 | 13 |
| 28 | Loss of Î²-cell identity and diabetic phenotype in mice caused by disruption of CNOT3-dependent mRNA deadenylation. Communications Biology, 2020, 3, 476. | 4.4 | 13 |
| 29 | Assessing eukaryotic initiation factor 4F subunit essentiality by CRISPR-induced gene ablation in the mouse. Cellular and Molecular Life Sciences, 2021, 78, 6709-6719. | 5.4 | 13 |
| 30 | Neuronal XRN1 is required for maintenance of whole-body metabolic homeostasis. IScience, 2021, 24, 103151. | 4.1 | 5 |
| 31 | CNOT7 Outcompetes Its Paralog CNOT8 for Integration into The CCR4-NOT Complex. Journal of Molecular Biology, 2022, 434, 167523. | 4.2 | 5 |