Chunghun Lim

List of Publications by Year
in descending order

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51 papers	1,943 citations	331670 21 h-index	265206 42 g-index
54 all docs	54 docs citations	54 times ranked	1898 citing authors

#	Article	IF	Citations
1	mtIF3 is locally translated in axons and regulates mitochondrial translation for axonal growth. BMC Biology, 2022, 20, 12.	3.8	6
2	ZNF598 co-translationally titrates poly(GR) protein implicated in the pathogenesis of C9ORF72-associated ALS/FTD. Nucleic Acids Research, 2021, 49, 11294-11311.	14.5	21
3	The pioneer round of translation ensures proper targeting of ER and mitochondrial proteins. Nucleic Acids Research, 2021, 49, 12517-12534.	14.5	3
4	The trinity of ribosome-associated quality control and stress signaling for proteostasis and neuronal physiology. BMB Reports, 2021, 54, 439-450.	2.4	7
5	Metabolic flux from the Krebs cycle to glutamate transmission tunes a neural brake on seizure onset. PLoS Genetics, 2021, 17, e1009871.	3.5	3
6	The E3 ubiquitin ligase adaptor Tango10 links the core circadian clock to neuropeptide and behavioral rhythms. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	5
7	hnRNP K Supports High-Amplitude D Site-Binding Protein mRNA (Dbp mRNA) Oscillation To Sustain Circadian Rhythms. Molecular and Cellular Biology, 2020, 40, .	2.3	7
8	A sleep-like state in Hydra unravels conserved sleep mechanisms during the evolutionary development of the central nervous system. Science Advances, 2020, 6, .	10.3	53
9	The voltage-gated potassium channel Shaker promotes sleep via thermosensitive GABA transmission. Communications Biology, 2020, 3, 174.	4.4	15
10	LSM12-EPAC1 defines a neuroprotective pathway that sustains the nucleocytoplasmic RAN gradient. PLoS Biology, 2020, 18, e3001002.	5.6	12
11	LSM12-EPAC1 defines a neuroprotective pathway that sustains the nucleocytoplasmic RAN gradient. , 2020, 18, e3001002.		0
12	LSM12-EPAC1 defines a neuroprotective pathway that sustains the nucleocytoplasmic RAN gradient. , 2020, 18, e3001002.		0
13	LSM12-EPAC1 defines a neuroprotective pathway that sustains the nucleocytoplasmic RAN gradient. , 2020, 18, e3001002.		0
14	LSM12-EPAC1 defines a neuroprotective pathway that sustains the nucleocytoplasmic RAN gradient. , 2020, 18, e3001002.		0
15	LSM12-EPAC1 defines a neuroprotective pathway that sustains the nucleocytoplasmic RAN gradient. , 2020, 18, e3001002.		0
16	LSM12-EPAC1 defines a neuroprotective pathway that sustains the nucleocytoplasmic RAN gradient. , 2020, 18, e3001002.		0
17	LSM12-EPAC1 defines a neuroprotective pathway that sustains the nucleocytoplasmic RAN gradient. , 2020, 18, e3001002.		0
18	LSM12-EPAC1 defines a neuroprotective pathway that sustains the nucleocytoplasmic RAN gradient. , 2020, 18, e3001002.		0

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19	Ataxin2 functions via CrebA to mediate Huntingtin toxicity in circadian clock neurons. PLoS Genetics, 2019, 15, e1008356.	3.5	13
20	Sleep-promoting effects of threonine link amino acid metabolism in Drosophila neuron to GABAergic control of sleep drive. ELife, 2019, 8, .	6.0	27
21	Drosophila CrebB is a Substrate of the Nonsense-Mediated mRNA Decay Pathway that Sustains Circadian Behaviors. Molecules and Cells, 2019, 42, 301-312.	2.6	8
22	High-Amplitude Circadian Rhythms in Drosophila Driven by Calcineurin-Mediated Post-translational Control of sarah. Genetics, 2018, 209, 815-828.	2.9	7
23	Ataxinâ€2: A versatile posttranscriptional regulator and its implication in neural function. Wiley Interdisciplinary Reviews RNA, 2018, 9, e1488.	6.4	22
24	Serine metabolism in the brain regulates starvation-induced sleep suppression in Drosophila melanogaster. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7129-7134.	7.1	29
25	LSM12 and ME31B/DDX6 Define Distinct Modes of Posttranscriptional Regulation by ATAXIN-2 Protein Complex in Drosophila Circadian Pacemaker Neurons. Molecular Cell, 2017, 66, 129-140.e7.	9.7	59
26	Rogdi Defines GABAergic Control of a Wake-promoting Dopaminergic Pathway to Sustain Sleep in Drosophila. Scientific Reports, 2017, 7, 11368.	3.3	14
27	The crystal structure of human Rogdi provides insight into the causes of Kohlschutter-TÃ¶nz Syndrome. Scientific Reports, 2017, 7, 3972.	3.3	9
28	CRTC Potentiates Light-independent timeless Transcription to Sustain Circadian Rhythms in Drosophila. Scientific Reports, 2016, 6, 32113.	3.3	7
29	Warming Up Your Tick-Tock. Neuroscientist, 2015, 21, 503-518.	3.5	19
30	SIFamide and SIFamide Receptor Define a Novel Neuropeptide Signaling to Promote Sleep in Drosophila. Molecules and Cells, 2014, 37, 295-301.	2.6	72
31	Emerging roles for post-transcriptional regulation in circadian clocks. Nature Neuroscience, 2013, 16, 1544-1550.	14.8	138
32	ATAXIN-2 Activates PERIOD Translation to Sustain Circadian Rhythms in Drosophila. Science, 2013, 340, 875-879.	12.6	136
33	The novel gene twenty-four defines a critical translational step in the Drosophila clock. Nature, 2011, 470, 399-403.	27.8	79
34	DNA-PK/Ku complex binds to latency-associated nuclear antigen and negatively regulates Kaposiâ€™s sarcoma-associated herpesvirus latent replication. Biochemical and Biophysical Research Communications, 2010, 394, 934-939.	2.1	18
35	The DOUBLETIME protein kinase regulates phosphorylation of the Drosophila PDP1Îµ. Journal of Neurochemistry, 2009, 111, 264-273.	3.9	2
36	Functional Role of CREB-Binding Protein in the Circadian Clock System of Drosophila melanogaster. Molecular and Cellular Biology, 2007, 27, 4876-4890.	2.3	47

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37	Targeted inhibition of Pdp1Îµ abolishes the circadian behavior of Drosophila melanogaster. Biochemical and Biophysical Research Communications, 2007, 364, 294-300.	2.1	15
38	clockwork orange Encodes a Transcriptional Repressor Important for Circadian-Clock Amplitude in Drosophila. Current Biology, 2007, 17, 1082-1089.	3.9	141
39	Identification of a virus trans-acting regulatory element on the latent DNA replication of Kaposi's sarcoma-associated herpesvirus. Journal of General Virology, 2004, 85, 843-855.	2.9	17
40	Mitotic Chromosome-Binding Activity of Latency-Associated Nuclear Antigen 1 Is Required for DNA Replication from Terminal Repeat Sequence of Kaposi's Sarcoma-Associated Herpesvirus. Journal of Virology, 2004, 78, 7248-7256.	3.4	29
41	Inhibition of nuclear factor ÎºB activity by viral interferon regulatory factor 3 of Kaposi's sarcoma-associated herpesvirus. Oncogene, 2004, 23, 6146-6155.	5.9	53
42	Latency-associated Nuclear Antigen of Kaposi's Sarcoma-associated Herpesvirus Functionally Interacts with Heterochromatin Protein 1. Journal of Biological Chemistry, 2003, 278, 7397-7405.	3.4	70
43	The GIT Family of Proteins Forms Multimers and Associates with the Presynaptic Cytomatrix Protein Piccolo. Journal of Biological Chemistry, 2003, 278, 6291-6300.	3.4	122
44	Functional Dissection of Latency-Associated Nuclear Antigen 1 of Kaposi's Sarcoma-Associated Herpesvirus Involved in Latent DNA Replication and Transcription of Terminal Repeats of the Viral Genome. Journal of Virology, 2002, 76, 10320-10331.	3.4	108
45	Kaposi's Sarcoma-associated Herpesvirus Open Reading Frame 50 Stimulates the Transcriptional Activity of STAT3. Journal of Biological Chemistry, 2002, 277, 6438-6442.	3.4	71
46	The Viral Oncogene Human Papillomavirus E7 Deregulates Transcriptional Silencing by Brm-related Gene 1 via Molecular Interactions. Journal of Biological Chemistry, 2002, 277, 48842-48848.	3.4	26
47	The Kaposi's Sarcoma-Associated Herpesvirus K8 Protein Interacts with CREB-Binding Protein (CBP) and Represses CBP-Mediated Transcription. Journal of Virology, 2001, 75, 9509-9516.	3.4	45
48	The Transcriptional Activity of cAMP Response Element-binding Protein-binding Protein Is Modulated by the Latency Associated Nuclear Antigen of Kaposi's Sarcoma-associated Herpesvirus. Journal of Biological Chemistry, 2001, 276, 31016-31022.	3.4	105
49	Kaposi's Sarcoma-Associated Herpesvirus Open Reading Frame 50 Represses p53-Induced Transcriptional Activity and Apoptosis. Journal of Virology, 2001, 75, 6245-6248.	3.4	45
50	CREB-Binding Protein and Histone Deacetylase Regulate the Transcriptional Activity of Kaposi's Sarcoma-Associated Herpesvirus Open Reading Frame 50. Journal of Virology, 2001, 75, 1909-1917.	3.4	148
51	Latency-associated nuclear antigen of Kaposiâ€™s sarcoma-associated herpesvirus (human herpesvirus-8) binds ATF4/CREB2 and inhibits its transcriptional activation activity. Journal of General Virology, 2000, 81, 2645-2652.	2.9	110