

Baskar Bakthavachalu

List of Publications by Year in descending order

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1421
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#	ARTICLE	IF	CITATIONS
1	<i>Mycobacterium tuberculosis</i> lipomannan blocks TNF biosynthesis by regulating macrophage MAPK-activated protein kinase 2 (MK2) and microRNA miR-125b. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17408-17413.	7.1	255
2	Translation from a DMD exon 5 IRES results in a functional dystrophin isoform that attenuates dystrophinopathy in humans and mice. Nature Medicine, 2014, 20, 992-1000.	30.7	113
3	RNP-Granule Assembly via Ataxin-2 Disordered Domains Is Required for Long-Term Memory and Neurodegeneration. Neuron, 2018, 98, 754-766.e4.	8.1	98
4	Identification of Cytoplasmic Capping Targets Reveals a Role for Cap Homeostasis in Translation and mRNA Stability. Cell Reports, 2012, 2, 674-684.	6.4	71
5	The Cytoplasmic Capping Complex Assembles on Adapter Protein Nck1 Bound to the Proline-Rich C-Terminus of Mammalian Capping Enzyme. PLoS Biology, 2014, 12, e1001933.	5.6	35
6	Glucose-stimulated Translation Regulation of Insulin by the 5' UTR-binding Proteins. Journal of Biological Chemistry, 2011, 286, 14146-14156.	3.4	34
7	The Long 3' UTR mRNA of CaMKII Is Essential for Translation-Dependent Plasticity of Spontaneous Release in Drosophila melanogaster. Journal of Neuroscience, 2017, 37, 10554-10566.	3.6	24
8	A minimal element in 5' UTR of insulin mRNA mediates its translational regulation by glucose. FEBS Letters, 2007, 581, 4103-4108.	2.8	19
9	Antagonistic roles for Ataxin-2 structured and disordered domains in RNP condensation. ELife, 2021, 10, .	6.0	17
10	Novel splice variant of mouse insulin2 mRNA: Implications for insulin expression. FEBS Letters, 2010, 584, 1169-1173.	2.8	11
11	Dense cataract and microphthalmia (dcm) in BALB/c mice is caused by mutations in the GJA8 locus. Journal of Genetics, 2010, 89, 147-154.	0.7	9
12	Identification of the human PMR1 mRNA endonuclease as an alternatively processed product of the gene for peroxidase-like protein. Rna, 2012, 18, 1186-1196.	3.5	7
13	Local translation provides the asymmetric distribution of CaMKII required for associative memory formation. Current Biology, 2022, 32, 2730-2738.e5.	3.9	6
14	The transcriptional response to oxidative stress is independent of stress-granule formation. Molecular Biology of the Cell, 2022, 33, mbcE21080418.	2.1	4
15	A C-terminal ataxin-2 disordered region promotes Huntingtin protein aggregation and neurodegeneration in Drosophila models of Huntington's disease. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	3