

Baskar Bakthavachalu

List of Publications by Year in descending order

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docs citations

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1421
citing authors

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