

Beena Pillai

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

2,403
citations

279798
23
h-index

254184
43
g-index

51
all docs

51
docs citations

51
times ranked

4168
citing authors

#	ARTICLE	IF	CITATIONS
1	Interferon mediated neuroinflammation in polyglutamine disease is not caused by RNA toxicity. Cell Death and Disease, 2020, 11, 3.	6.3	10
2	Neev, a novel long non-coding RNA, is expressed in chaetoblasts during regeneration of Eisenia fetida. Journal of Experimental Biology, 2020, 223, .	1.7	2
3	Identification of novel circadian transcripts in the zebrafish retina. Journal of Experimental Biology, 2019, 222, .	1.7	3
4	What the Mother Givesâ€¦. Resonance, 2019, 24, 381-391.	0.3	0
5	Large scale changes in the transcriptome of Eisenia fetida during regeneration. PLoS ONE, 2018, 13, e0204234.	2.5	31
6	Parentally inherited long non-coding RNA Cyrano is involved in zebrafish neurodevelopment. Nucleic Acids Research, 2018, 46, 9726-9735.	14.5	33
7	Systematic comparison of the response properties of protein and RNA mediated gene regulatory motifs. Molecular BioSystems, 2017, 13, 1235-1245.	2.9	3
8	A Novel Long Non-coding RNA, durga Modulates Dendrite Density and Expression of kalirin in Zebrafish. Frontiers in Molecular Neuroscience, 2017, 10, 95.	2.9	18
9	microRNA dysregulation in polyglutamine toxicity of TATA-boxâ€¦binding protein is mediated through STAT1 in mouse neuronal cells. Journal of Neuroinflammation, 2017, 14, 155.	7.2	11
10	Anti-HIV microRNA expression in a novel Indian cohort. Scientific Reports, 2016, 6, 28279.	3.3	23
11	Novel MicroRNA signatures in HPV-mediated cervical carcinogenesis in Indian women. Tumor Biology, 2016, 37, 4585-4595.	1.8	21
12	A Simple Alternative to Stereotactic Injection for Brain Specific Knockdown of miRNA. Journal of Visualized Experiments, 2015, , e53307.	0.3	4
13	Tat predominantly associates with host promoter elements in <scp>HIV</scp>â€¦infected Tâ€¦cellsâ€¦Regulatory basis of transcriptional repression of câ€¦Rel. FEBS Journal, 2015, 282, 595-610.	4.7	16
14	A study on the influence of different promoter and 5â€¦UTR (URM) cassettes from Arabidopsis thaliana on the expression level of the reporter gene Î² glucuronidase in tobacco and cotton. Transgenic Research, 2014, 23, 351-363.	2.4	17
15	Brain-specific knockdown of miR-29 results in neuronal cell death and ataxia in mice. Rna, 2014, 20, 1287-1297.	3.5	115
16	Non-coding RNA interact to regulate neuronal development and function. Frontiers in Cellular Neuroscience, 2014, 8, 47.	3.7	97
17	Hsp90-targeted miRNA-liposomal formulation for systemic antitumor effect. Biomaterials, 2013, 34, 6804-6817.	11.4	24
18	Detection and Knockdown of MicroRNA-34a Using Thioacetamido Nucleic Acid. Nucleic Acid Therapeutics, 2013, 23, 195-202.	3.6	6

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19	Comprehensive Expression Analyses of Neural Cell-Type-Specific miRNAs Identify New Determinants of the Specification and Maintenance of Neuronal Phenotypes. <i>Journal of Neuroscience</i> , 2013, 33, 5127-5137.	3.6	233
20	miR-34 is maternally inherited in <i>Drosophila melanogaster</i> and <i>Danio rerio</i> . <i>Nucleic Acids Research</i> , 2013, 41, 4470-4480.	14.5	66
21	Proximity of H2A.Z containing nucleosome to the transcription start site influences gene expression levels in the mammalian liver and brain. <i>Nucleic Acids Research</i> , 2012, 40, 8965-8978.	14.5	41
22	Regulation of BACE1 by miR-29a/b in a cellular model of Spinocerebellar ataxia 17. <i>RNA Biology</i> , 2012, 9, 891-899.	3.1	37
23	Identification of Novel Targets for miR-29a Using miRNA Proteomics. <i>PLoS ONE</i> , 2012, 7, e43243.	2.5	48
24	Magnetite (Fe ₃ O ₄) nanocrystals affect the expression of genes involved in the TGF-beta signalling pathway. <i>Molecular BioSystems</i> , 2011, 7, 1481.	2.9	11
25	A kinetic model of TBP auto-regulation exhibits bistability. <i>Biology Direct</i> , 2010, 5, 50.	4.6	0
26	Consensus miRNA expression profiles derived from interplatform normalization of microarray data. <i>Rna</i> , 2010, 16, 16-25.	3.5	77
27	Incomplete penetrance and variable expressivity: is there a microRNA connection?. <i>BioEssays</i> , 2009, 31, 981-992.	2.5	28
28	MicroRNAs: novel therapeutic targets in neurodegenerative diseases. <i>Drug Discovery Today</i> , 2009, 14, 1123-1129.	6.4	81
29	Human miRNAs: an antiviral defense mechanism. <i>Retrovirology</i> , 2009, 6, .	2.0	0
30	Human cellular microRNA hsa-miR-29a interferes with viral nef protein expression and HIV-1 replication. <i>Retrovirology</i> , 2008, 5, 117.	2.0	251
31	MicroRNA-mediated up-regulation of an alternatively polyadenylated variant of the mouse cytoplasmic β -actin gene. <i>Nucleic Acids Research</i> , 2008, 36, 6318-6332.	14.5	87
32	Relative levels of RNA polII subunits differentially affect starvation response in budding yeast. <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 266-272.	2.1	13
33	A Role for Voltage-Dependent Anion Channel Vdac1 in Polyglutamine-Mediated Neuronal Cell Death. <i>PLoS ONE</i> , 2007, 2, e1170.	2.5	56
34	Molecular Effects of Uptake of Gold Nanoparticles in HeLa Cells. <i>ChemBioChem</i> , 2007, 8, 1237-1240.	2.6	203
35	microRNA: an Emerging Therapeutic. <i>ChemMedChem</i> , 2007, 2, 789-792.	3.2	16
36	Host-virus genome interactions: macro roles for microRNAs. <i>Cellular Microbiology</i> , 2007, 9, 2784-2794.	2.1	60

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37	Host-virus interaction: a new role for microRNAs. <i>Retrovirology</i> , 2006, 3, 68.	2.0	209
38	Homocysteine- and cysteine-mediated growth defect is not associated with induction of oxidative stress response genes in yeast. <i>Biochemical Journal</i> , 2006, 396, 61-69.	3.7	73
39	DyNAVacS: an integrative tool for optimized DNA vaccine design. <i>Nucleic Acids Research</i> , 2006, 34, W264-W266.	14.5	23
40	Targets for human encoded microRNAs in HIV genes. <i>Biochemical and Biophysical Research Communications</i> , 2005, 337, 1214-1218.	2.1	203
41	Cigarette smoke extract induces changes in growth and gene expression of <i>Saccharomyces cerevisiae</i> . <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 1578-1586.	2.1	15
42	Domainal organization of the lower eukaryotic homologs of the yeast RNA polymerase II core subunit Rpb7 reflects functional conservation. <i>Nucleic Acids Research</i> , 2004, 32, 201-210.	14.5	14
43	Genome-wide expression profile of steroid response in <i>Saccharomyces cerevisiae</i> . <i>Biochemical and Biophysical Research Communications</i> , 2004, 317, 406-413.	2.1	21
44	Whole Genome Expression Profiles of Yeast RNA Polymerase II Core Subunit, Rpb4, in Stress and Nonstress Conditions. <i>Journal of Biological Chemistry</i> , 2003, 278, 3339-3346.	3.4	45
45	Rpb4, a Non-essential Subunit of Core RNA Polymerase II of <i>Saccharomyces cerevisiae</i> Is Important for Activated Transcription of a Subset of Genes. <i>Journal of Biological Chemistry</i> , 2001, 276, 30641-30647.	3.4	36