

# Beena Pillai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6846823/publications.pdf>

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	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
2	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
3	Host-virus interaction: a new role for microRNAs. <i>Retrovirology</i> , 2006, 3, 68.	2.0	209
4	Targets for human encoded microRNAs in HIV genes. <i>Biochemical and Biophysical Research Communications</i> , 2005, 337, 1214-1218.	2.1	203
5	Molecular Effects of Uptake of Gold Nanoparticles in HeLa Cells. <i>ChemBioChem</i> , 2007, 8, 1237-1240.	2.6	203
6	Brain-specific knockdown of miR-29 results in neuronal cell death and ataxia in mice. <i>Rna</i> , 2014, 20, 1287-1297.	3.5	115
7	Non-coding RNA interact to regulate neuronal development and function. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 47.	3.7	97
8	MicroRNA-mediated up-regulation of an alternatively polyadenylated variant of the mouse cytoplasmic $\beta$ -actin gene. <i>Nucleic Acids Research</i> , 2008, 36, 6318-6332.	14.5	87
9	MicroRNAs: novel therapeutic targets in neurodegenerative diseases. <i>Drug Discovery Today</i> , 2009, 14, 1123-1129.	6.4	81
10	Consensus miRNA expression profiles derived from interplatform normalization of microarray data. <i>Rna</i> , 2010, 16, 16-25.	3.5	77
11	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
12	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
13	Host-virus genome interactions: macro roles for microRNAs. <i>Cellular Microbiology</i> , 2007, 9, 2784-2794.	2.1	60
14	A Role for Voltage-Dependent Anion Channel Vdac1 in Polyglutamine-Mediated Neuronal Cell Death. <i>PLoS ONE</i> , 2007, 2, e1170.	2.5	56
15	Identification of Novel Targets for miR-29a Using miRNA Proteomics. <i>PLoS ONE</i> , 2012, 7, e43243.	2.5	48
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Parentally inherited long non-coding RNA Cyrano is involved in zebrafish neurodevelopment. <i>Nucleic Acids Research</i> , 2018, 46, 9726-9735.	14.5	33
21	Large scale changes in the transcriptome of <i>Eisenia fetida</i> during regeneration. <i>PLoS ONE</i> , 2018, 13, e0204234.	2.5	31
22	Incomplete penetrance and variable expressivity: is there a microRNA connection?. <i>BioEssays</i> , 2009, 31, 981-992.	2.5	28
23	Hsp90-targeted miRNA-liposomal formulation for systemic antitumor effect. <i>Biomaterials</i> , 2013, 34, 6804-6817.	11.4	24
24	DyNAVacS: an integrative tool for optimized DNA vaccine design. <i>Nucleic Acids Research</i> , 2006, 34, W264-W266.	14.5	23
25	Anti-HIV microRNA expression in a novel Indian cohort. <i>Scientific Reports</i> , 2016, 6, 28279.	3.3	23
26	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
27	Novel MicroRNA signatures in HPV-mediated cervical carcinogenesis in Indian women. <i>Tumor Biology</i> , 2016, 37, 4585-4595.	1.8	21
28	A Novel Long Non-coding RNA, durga Modulates Dendrite Density and Expression of kalirin in Zebrafish. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 95.	2.9	18
29	A study on the influence of different promoter and 5'UTR (URM) cassettes from <i>Arabidopsis thaliana</i> on the expression level of the reporter gene $\beta$ -glucuronidase in tobacco and cotton. <i>Transgenic Research</i> , 2014, 23, 351-363.	2.4	17
30	microRNA: an Emerging Therapeutic. <i>ChemMedChem</i> , 2007, 2, 789-792.	3.2	16
31	Tat predominantly associates with host promoter elements in HIV-1 infected cells—Regulatory basis of transcriptional repression of c-Rel. <i>FEBS Journal</i> , 2015, 282, 595-610.	4.7	16
32	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
33	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
34	Relative levels of RNA polIII subunits differentially affect starvation response in budding yeast. <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 266-272.	2.1	13
35	Magnetite (Fe <sub>3</sub> O <sub>4</sub> ) nanocrystals affect the expression of genes involved in the TGF-beta signalling pathway. <i>Molecular BioSystems</i> , 2011, 7, 1481.	2.9	11
36	microRNA dysregulation in polyglutamine toxicity of TATA-box binding protein is mediated through STAT1 in mouse neuronal cells. <i>Journal of Neuroinflammation</i> , 2017, 14, 155.	7.2	11

#	ARTICLE	IF	CITATIONS
37	Interferon mediated neuroinflammation in polyglutamine disease is not caused by RNA toxicity. <i>Cell Death and Disease</i> , 2020, 11, 3.	6.3	10
38	Detection and Knockdown of MicroRNA-34a Using Thioacetamido Nucleic Acid. <i>Nucleic Acid Therapeutics</i> , 2013, 23, 195-202.	3.6	6
39	A Simple Alternative to Stereotactic Injection for Brain Specific Knockdown of miRNA. <i>Journal of Visualized Experiments</i> , 2015, , e53307.	0.3	4
40	Systematic comparison of the response properties of protein and RNA mediated gene regulatory motifs. <i>Molecular BioSystems</i> , 2017, 13, 1235-1245.	2.9	3
41	Identification of novel circadian transcripts in the zebrafish retina. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	3
42	Neev, a novel long non-coding RNA, is expressed in chaetoblasts during regeneration of <i>Eisenia fetida</i> . <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	2
43	Human miRNAs: an antiviral defense mechanism. <i>Retrovirology</i> , 2009, 6, .	2.0	0
44	A kinetic model of TBP auto-regulation exhibits bistability. <i>Biology Direct</i> , 2010, 5, 50.	4.6	0
45	What the Mother Givesâ€¦. <i>Resonance</i> , 2019, 24, 381-391.	0.3	0