

# Suvendra N Bhattacharyya

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

10,231  
citations

393982

19  
h-index

500791

28  
g-index

39  
all docs

39  
docs citations

39  
times ranked

14696  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of post-transcriptional regulation by microRNAs: are the answers in sight?. <i>Nature Reviews Genetics</i> , 2008, 9, 102-114.	7.7	4,577
2	Inhibition of Translational Initiation by Let-7 MicroRNA in Human Cells. <i>Science</i> , 2005, 309, 1573-1576.	6.0	1,247
3	Relief of microRNA-Mediated Translational Repression in Human Cells Subjected to Stress. <i>Cell</i> , 2006, 125, 1111-1124.	13.5	1,186
4	Repression of protein synthesis by miRNAs: how many mechanisms?. <i>Trends in Cell Biology</i> , 2007, 17, 118-126.	3.6	1,007
5	Obstacles and opportunities in the functional analysis of extracellular vesicle RNA – an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2017, 6, 1286095.	5.5	561
6	The chromatoid body of male germ cells: Similarity with processing bodies and presence of Dicer and microRNA pathway components. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2647-2652.	3.3	326
7	<i>Leishmania donovani</i> Targets Dicer1 to Downregulate miR-122, Lower Serum Cholesterol, and Facilitate Murine Liver Infection. <i>Cell Host and Microbe</i> , 2013, 13, 277-288.	5.1	190
8	Biological membranes in EV biogenesis, stability, uptake, and cargo transfer: an ISEV position paper arising from the ISEV membranes and EVs workshop. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1684862.	5.5	177
9	HuR protein attenuates miRNA-mediated repression by promoting miRISC dissociation from the target RNA. <i>Nucleic Acids Research</i> , 2012, 40, 5088-5100.	6.5	162
10	Dendrites of Mammalian Neurons Contain Specialized P-Body-Like Structures That Respond to Neuronal Activation. <i>Journal of Neuroscience</i> , 2008, 28, 13793-13804.	1.7	153
11	Reversible HuR-miRNA binding controls extracellular export of miR-122 and augments stress response. <i>EMBO Reports</i> , 2016, 17, 1184-1203.	2.0	139
12	Insulin-like growth factor-1 prevents miR-122 production in neighbouring cells to curtail its intercellular transfer to ensure proliferation of human hepatoma cells. <i>Nucleic Acids Research</i> , 2014, 42, 7170-7185.	6.5	79
13	mRNA Targeting to Endoplasmic Reticulum Precedes Ago Protein Interaction and MicroRNA (miRNA)-mediated Translation Repression in Mammalian Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 24650-24656.	1.6	67
14	A transient reversal of miRNA-mediated repression controls macrophage activation. <i>EMBO Reports</i> , 2013, 14, 1008-1016.	2.0	61
15	Polysome arrest restricts miRNA turnover by preventing exosomal export of miRNA in growth-retarded mammalian cells. <i>Molecular Biology of the Cell</i> , 2015, 26, 1072-1083.	0.9	41
16	Spatiotemporal Uncoupling of MicroRNA-Mediated Translational Repression and Target RNA Degradation Controls MicroRNP Recycling in Mammalian Cells. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	41
17	<i>Leishmania donovani</i> restricts mitochondrial dynamics to enhance miRNP stability and target RNA repression in host macrophages. <i>Molecular Biology of the Cell</i> , 2017, 28, 2091-2105.	0.9	38
18	Target-dependent biogenesis of cognate microRNAs in human cells. <i>Nature Communications</i> , 2016, 7, 12200.	5.8	32

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19	Argonautes and Company: Sailing against the Wind. <i>Cell</i> , 2007, 128, 1027-1028.	13.5	28
20	MicroRNA exporter HuR clears the internalized pathogens by promoting pro-inflammatory response in infected macrophages. <i>EMBO Molecular Medicine</i> , 2020, 12, e11011.	3.3	24
21	Retrograde trafficking of Argonaute 2 acts as a rate-limiting step for de novo miRNP formation on endoplasmic reticulum-attached polysomes in mammalian cells. <i>Life Science Alliance</i> , 2020, 3, e201800161.	1.3	23
22	Probing the molecular mechanism of aggressive infection by antimony resistant <i>Leishmania donovani</i> . <i>Cytokine</i> , 2021, 145, 155245.	1.4	15
23	Non-canonical argonaute loading of extracellular vesicle-derived exogenous single-stranded miRNA in recipient cells. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	14
24	Rheb-mTOR activation rescues A $\beta$ -induced cognitive impairment and memory function by restoring miR-146 activity in glial cells. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 24, 868-887.	2.3	14
25	GW182 Proteins Restrict Extracellular Vesicle-Mediated Export of MicroRNAs in Mammalian Cancer Cells. <i>Molecular and Cellular Biology</i> , 2021, 41, .	1.1	10
26	<i>Leishmania</i> survives by exporting miR-146a from infected to resident cells to subjugate inflammation. <i>Life Science Alliance</i> , 2022, 5, e202101229.	1.3	7
27	Inhibition of extracellular vesicle-associated MMP2 abrogates intercellular hepatic miR-122 transfer to liver macrophages and curtails inflammation. <i>IScience</i> , 2021, 24, 103428.	1.9	6
28	Target-Dependent Coordinated Biogenesis of Secondary MicroRNAs by miR-146a Balances Macrophage Activation Processes. <i>Molecular and Cellular Biology</i> , 2022, 42, e0045221.	1.1	2
29	Mitochondria Control mTORC1 Activity Linked Compartmentalization of eIF4E to Regulate Extracellular Export of microRNAs. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	1