

# Priyatansh Gurha

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,597  
citations

394421

19  
h-index

501196

28  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2542  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Hippo Pathway Is Activated and Is a Causal Mechanism for Adipogenesis in Arrhythmogenic Cardiomyopathy. <i>Circulation Research</i> , 2014, 114, 454-468.	4.5	227
2	Targeted Deletion of MicroRNA-22 Promotes Stress-Induced Cardiac Dilation and Contractile Dysfunction. <i>Circulation</i> , 2012, 125, 2751-2761.	1.6	161
3	Small noncoding differentially methylated copy-number variants, including lncRNA genes, cause a lethal lung developmental disorder. <i>Genome Research</i> , 2013, 23, 23-33.	5.5	127
4	DNA Damage Response/TP53 Pathway Is Activated and Contributes to the Pathogenesis of Dilated Cardiomyopathy Associated With LMNA (Lamin A/C) Mutations. <i>Circulation Research</i> , 2019, 124, 856-873.	4.5	95
5	Classification and experimental identification of plant long non-coding RNAs. <i>Genomics</i> , 2019, 111, 997-1005.	2.9	88
6	Cardiac Fibro-Adipocyte Progenitors Express Desmosome Proteins and Preferentially Differentiate to Adipocytes Upon Deletion of the Desmoplakin Gene. <i>Circulation Research</i> , 2016, 119, 41-54.	4.5	85
7	microRNA-22 Promotes Heart Failure through Coordinate Suppression of PPAR/ERR-Nuclear Hormone Receptor Transcription. <i>PLoS ONE</i> , 2013, 8, e75882.	2.5	72
8	Genomic Reorganization of Lamin-Associated Domains in Cardiac Myocytes Is Associated With Differential Gene Expression and DNA Methylation in Human Dilated Cardiomyopathy. <i>Circulation Research</i> , 2019, 124, 1198-1213.	4.5	72
9	Two reactions of Haloferax volcanii RNA splicing enzymes: Joining of exons and circularization of introns. <i>Rna</i> , 2003, 9, 319-330.	3.5	71
10	MicroRNAs in cardiovascular disease. <i>Current Opinion in Cardiology</i> , 2016, 31, 249-254.	1.8	70
11	Sequential 2'-O-Methylation of Archaeal Pre-tRNA <sup>Trp</sup> Nucleotides Is Guided by the Intron-encoded but trans-Acting Box C/D Ribonucleoprotein of Pre-tRNA. <i>Journal of Biological Chemistry</i> , 2004, 279, 47661-47671.	3.4	68
12	Suppression of Activated FOXO Transcription Factors in the Heart Prolongs Survival in a Mouse Model of Laminopathies. <i>Circulation Research</i> , 2018, 122, 678-692.	4.5	54
13	Exercise restores dysregulated gene expression in a mouse model of arrhythmogenic cardiomyopathy. <i>Cardiovascular Research</i> , 2020, 116, 1199-1213.	3.8	44
14	Knockdown of Plakophilin 2 Downregulates miR-184 Through CpG Hypermethylation and Suppression of the E2F1 Pathway and Leads to Enhanced Adipogenesis In Vitro. <i>Circulation Research</i> , 2016, 119, 731-750.	4.5	43
15	BET bromodomain inhibition attenuates cardiac phenotype in myocyte-specific lamin A/C-deficient mice. <i>Journal of Clinical Investigation</i> , 2020, 130, 4740-4758.	8.2	42
16	Archaeal Pus10 proteins can produce both pseudouridine 54 and 55 in tRNA. <i>Rna</i> , 2008, 14, 2521-2527.	3.5	41
17	Differential Roles of Archaeal Box H/ACA Proteins in Guide RNA-Dependent and Independent Pseudouridine Formation. <i>RNA Biology</i> , 2007, 4, 101-109.	3.1	27
18	Noncoding RNAs in cardiovascular diseases. <i>Current Opinion in Cardiology</i> , 2019, 34, 241-245.	1.8	25

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19	Haploinsufficiency of <i>Tmem43</i> in cardiac myocytes activates the DNA damage response pathway leading to a late-onset senescence-associated pro-fibrotic cardiomyopathy. <i>Cardiovascular Research</i> , 2021, 117, 2377-2394.	3.8	25
20	Single-Cell RNA Sequencing Uncovers Paracrine Functions of the Epicardial-Derived Cells in Arrhythmogenic Cardiomyopathy. <i>Circulation</i> , 2021, 143, 2169-2187.	1.6	22
21	The “guiding” principles of noncoding <i>scRNA</i> function. <i>Wiley Interdisciplinary Reviews RNA</i> , 2022, 13, e1704.	6.4	22
22	The EP300/TP53 pathway, a suppressor of the Hippo and canonical WNT pathways, is activated in human hearts with arrhythmogenic cardiomyopathy in the absence of overt heart failure. <i>Cardiovascular Research</i> , 2022, 118, 1466-1478.	3.8	20
23	Knock Down of Plakophilin 2 Dysregulates Adhesion Pathway through Upregulation of miR200b and Alters the Mechanical Properties in Cardiac Cells. <i>Cells</i> , 2019, 8, 1639.	4.1	18
24	Noncoding RNAs in Cardiovascular Biology and Disease. <i>Circulation Research</i> , 2013, 113, e115-20.	4.5	15
25	Dynamic guide–target interactions contribute to sequential 2-O-methylation by a unique archaeal dual guide box C/D sRNP. <i>Rna</i> , 2008, 14, 1411-1423.	3.5	14
26	Role of forefinger and thumb loops in production of 54 and 55 in tRNAs by archaeal Pus10. <i>Rna</i> , 2013, 19, 1279-1294.	3.5	14
27	Box C/D RNA-Guided 2-O Methylations and the Intron of tRNA Trp Are Not Essential for the Viability of <i>Haloflex volcanii</i> . <i>Journal of Bacteriology</i> , 2008, 190, 7308-7313.	2.2	10
28	Identification of Genes and Pathways Regulated by Lamin A in Heart. <i>Journal of the American Heart Association</i> , 2020, 9, e015690.	3.7	9
29	Effects of tamoxifen inducible MerCreMer on gene expression in cardiac myocytes in mice. , 2022, 2, .		9
30	The WNT/ $\beta$ -catenin pathway regulates expression of the genes involved in cell cycle progression and mitochondrial oxidative phosphorylation in the postmitotic cardiac myocytes. , 2022, 2, .		7