

# Praveen Sethupathy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6215751/publications.pdf>

Version: 2024-02-01

58  
papers

6,956  
citations

159585

30  
h-index

144013

57  
g-index

69  
all docs

69  
docs citations

69  
times ranked

15009  
citing authors

#	ARTICLE	IF	CITATIONS
1	Candidate master microRNA regulator of arsenic-induced pancreatic beta cell impairment revealed by multi-omics analysis. <i>Archives of Toxicology</i> , 2022, 96, 1685-1699.	4.2	6
2	MicroRNA-29 is an essential regulator of brain maturation through regulation of CH methylation. <i>Cell Reports</i> , 2021, 35, 108946.	6.4	25
3	Genetic architecture modulates diet-induced hepatic mRNA and miRNA expression profiles in Diversity Outbred mice. <i>Genetics</i> , 2021, 218, .	2.9	4
4	Multiomic analysis defines the first microRNA atlas across all small intestinal epithelial lineages and reveals novel markers of almost all major cell types. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 321, G668-G681.	3.4	7
5	Enteroendocrine Progenitor Cell-Enriched miR-7 Regulates Intestinal Epithelial Proliferation in an Xiap-Dependent Manner. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020, 9, 447-464.	4.5	11
6	Genetic Architecture Modulates Diet-Induced Hepatic mRNA and miRNA Expression Profiles in Diversity Outbred Mice. <i>Genetics</i> , 2020, 216, 241-259.	2.9	6
7	Acute suppression of insulin resistance-associated hepatic miR-29 in vivo improves glycemic control in adult mice. <i>Physiological Genomics</i> , 2019, 51, 379-389.	2.3	33
8	MicroRNA-375 Suppresses the Growth and Invasion of Fibrolamellar Carcinoma. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 803-817.	4.5	34
9	MiR-29 Regulates de novo Lipogenesis in the Liver and Circulating Triglyceride Levels in a Sirt1-Dependent Manner. <i>Frontiers in Physiology</i> , 2019, 10, 1367.	2.8	12
10	microRNA-146a-5p association with the cardiometabolic disease risk factor TMAO. <i>Physiological Genomics</i> , 2019, 51, 59-71.	2.3	20
11	The long noncoding RNA CHROME regulates cholesterol homeostasis in primates. <i>Nature Metabolism</i> , 2019, 1, 98-110.	11.9	104
12	MicroRNAs in the Mammalian Gut Endocrine Lineage. <i>Endocrinology</i> , 2018, 159, 866-868.	2.8	5
13	Circulating miRNAs Associated with Arsenic Exposure. <i>Environmental Science &amp; Technology</i> , 2018, 52, 14487-14495.	10.0	25
14	Bioinformatic analysis of endogenous and exogenous small RNAs on lipoproteins. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1506198.	12.2	60
15	Colonic epithelial miR-31 associates with the development of Crohn's phenotypes. <i>JCI Insight</i> , 2018, 3, .	5.0	20
16	Functional Transcriptomics in Diverse Intestinal Epithelial Cell Types Reveals Robust MicroRNA Sensitivity in Intestinal Stem Cells to Microbial Status. <i>Journal of Biological Chemistry</i> , 2017, 292, 2586-2600.	3.4	105
17	Arsenic Exposure and Type 2 Diabetes: MicroRNAs as Mechanistic Links?. <i>Current Diabetes Reports</i> , 2017, 17, 18.	4.2	30
18	Long Noncoding RNA Moderates MicroRNA Activity to Maintain Self-Renewal in Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2017, 9, 108-121.	4.8	47

#	ARTICLE	IF	CITATIONS
19	Comprehensive analysis of The Cancer Genome Atlas reveals a unique gene and non-coding RNA signature of fibrolamellar carcinoma. <i>Scientific Reports</i> , 2017, 7, 44653.	3.3	71
20	Important Considerations for Studies of Circulating MicroRNAs in Clinical Samples. <i>EBioMedicine</i> , 2017, 24, 22-23.	6.1	5
21	Systems genetics identifies a co-regulated module of liver microRNAs associated with plasma LDL cholesterol in murine diet-induced dyslipidemia. <i>Physiological Genomics</i> , 2017, 49, 618-629.	2.3	13
22	Predicted effects of observed changes in the mRNA and microRNA transcriptome of lung neutrophils during <i>S. pneumoniae</i> pneumonia in mice. <i>Scientific Reports</i> , 2017, 7, 11258.	3.3	17
23	Differential Impact of Glucose Administered Intravenously and Orally on Circulating miR-375 Levels in Human Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 3749-3755.	3.6	7
24	Gut Microbial Influences on the Mammalian Intestinal Stem Cell Niche. <i>Stem Cells International</i> , 2017, 2017, 1-17.	2.5	51
25	The DNAB1-PRKACA chimera: Candidate biomarker and therapeutic target for fibrolamellar carcinomas. <i>Hepatology</i> , 2016, 63, 662-664.	7.3	11
26	MicroRNA-30c Mimic Mitigates Hypercholesterolemia and Atherosclerosis in Mice. <i>Journal of Biological Chemistry</i> , 2016, 291, 18397-18409.	3.4	43
27	miR-30 Family Controls Proliferation and Differentiation of Intestinal Epithelial Cell Models by Directing a Broad Gene Expression Program That Includes SOX9 and the Ubiquitin Ligase Pathway. <i>Journal of Biological Chemistry</i> , 2016, 291, 15975-15984.	3.4	40
28	Environmental contaminants and microRNA regulation: Transcription factors as regulators of toxicant-altered microRNA expression. <i>Toxicology and Applied Pharmacology</i> , 2016, 312, 61-66.	2.8	21
29	An integrative transcriptomics approach identifies miR-503 as a candidate master regulator of the estrogen response in MCF-7 breast cancer cells. <i>Rna</i> , 2016, 22, 1592-1603.	3.5	42
30	miRquant 2.0: an Expanded Tool for Accurate Annotation and Quantification of MicroRNAs and their isomiRs from Small RNA-Sequencing Data. <i>Journal of Integrative Bioinformatics</i> , 2016, 13, .	1.5	18
31	The Promise and Challenge of Therapeutic MicroRNA Silencing in Diabetes and Metabolic Diseases. <i>Current Diabetes Reports</i> , 2016, 16, 52.	4.2	52
32	Essential Function of Dicer in Resolving DNA Damage in the Rapidly Dividing Cells of the Developing and Malignant Cerebellum. <i>Cell Reports</i> , 2016, 14, 216-224.	6.4	41
33	miRquant 2.0: an Expanded Tool for Accurate Annotation and Quantification of MicroRNAs and their isomiRs from Small RNA-Sequencing Data. <i>Journal of Integrative Bioinformatics</i> , 2016, 13, 307.	1.5	27
34	tDRmapper: challenges and solutions to mapping, naming, and quantifying tRNA-derived RNAs from human small RNA-sequencing data. <i>BMC Bioinformatics</i> , 2015, 16, 354.	2.6	82
35	MicroRNAs Classify Different Disease Behavior Phenotypes of Crohn's Disease and May Have Prognostic Utility. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 2178-2187.	1.9	68
36	Transcriptomic Analysis of Chronic Hepatitis B and C and Liver Cancer Reveals MicroRNA-Mediated Control of Cholesterol Synthesis Programs. <i>MBio</i> , 2015, 6, e01500-15.	4.1	39

#	ARTICLE	IF	CITATIONS
37	Inhibition of miR-29 has a significant lipid-lowering benefit through suppression of lipogenic programs in liver. <i>Scientific Reports</i> , 2015, 5, 12911.	3.3	66
38	Pseudogenes transcribed in breast invasive carcinoma show subtype-specific expression and ceRNA potential. <i>BMC Genomics</i> , 2015, 16, 113.	2.8	35
39	Identification of microRNAs associated with allergic airway disease using a genetically diverse mouse population. <i>BMC Genomics</i> , 2015, 16, 633.	2.8	22
40	Small tRNA-derived RNAs are increased and more abundant than microRNAs in chronic hepatitis B and C. <i>Scientific Reports</i> , 2015, 5, 7675.	3.3	122
41	MicroRNA-223 coordinates cholesterol homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14518-14523.	7.1	216
42	An integrated analysis of the SOX2 microRNA response program in human pluripotent and nullipotent stem cell lines. <i>BMC Genomics</i> , 2014, 15, 711.	2.8	19
43	HDL-transferred microRNA-223 regulates ICAM-1 expression in endothelial cells. <i>Nature Communications</i> , 2014, 5, 3292.	12.8	343
44	MicroRNA-29 Fine-tunes the Expression of Key FOXA2-Activated Lipid Metabolism Genes and Is Dysregulated in Animal Models of Insulin Resistance and Diabetes. <i>Diabetes</i> , 2014, 63, 3141-3148.	0.6	105
45	Prospective Associations of Coronary Heart Disease Loci in African Americans Using the MetaboChip: The PAGE Study. <i>PLoS ONE</i> , 2014, 9, e113203.	2.5	27
46	MicroRNA-27b is a regulatory hub in lipid metabolism and is altered in dyslipidemia. <i>Hepatology</i> , 2013, 57, 533-542.	7.3	196
47	Illuminating microRNA Transcription from the Epigenome. <i>Current Genomics</i> , 2013, 14, 68-77.	1.6	7
48	Complexity of microRNA function and the role of isomiRs in lipid homeostasis. <i>Journal of Lipid Research</i> , 2013, 54, 1182-1191.	4.2	46
49	Prioritization of Genetic Variants in the micro RNA Regulome as Functional Candidates in Genome-Wide Association Studies. <i>Human Mutation</i> , 2013, 34, 1049-1056.	2.5	33
50	miR-182 and miR-10a Are Key Regulators of Treg Specialisation and Stability during Schistosoma and Leishmania-associated Inflammation. <i>PLoS Pathogens</i> , 2013, 9, e1003451.	4.7	105
51	Needles in the genetic haystack of lipid disorders: single nucleotide polymorphisms in the microRNA regulome. <i>Journal of Lipid Research</i> , 2013, 54, 1168-1173.	4.2	8
52	Beta Cell 5'-Shifted isomiRs Are Candidate Regulatory Hubs in Type 2 Diabetes. <i>PLoS ONE</i> , 2013, 8, e73240.	2.5	85
53	Sequence Variation in Promoter of Ica1 Gene, Which Encodes Protein Implicated in Type 1 Diabetes, Causes Transcription Factor Autoimmune Regulator (AIRE) to Increase Its Binding and Down-regulate Expression. <i>Journal of Biological Chemistry</i> , 2012, 287, 17882-17893.	3.4	14
54	Bioinformatic and Genetic Association Analysis of MicroRNA Target Sites in One-Carbon Metabolism Genes. <i>PLoS ONE</i> , 2011, 6, e21851.	2.5	65

#	ARTICLE	IF	CITATIONS
55	Global Epigenomic Analysis of Primary Human Pancreatic Islets Provides Insights into Type 2 Diabetes Susceptibility Loci. <i>Cell Metabolism</i> , 2010, 12, 443-455.	16.2	190
56	Potential etiologic and functional implications of genome-wide association loci for human diseases and traits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9362-9367.	7.1	3,719
57	MicroRNA target site polymorphisms and human disease. <i>Trends in Genetics</i> , 2008, 24, 489-497.	6.7	318
58	MicroRNA-7 Specifically Marks the Gut Endocrine Lineage and Controls Progenitor Cell Proliferation Through <i>Egfr</i> . <i>SSRN Electronic Journal</i> , 0, , .	0.4	0