

Mugdha V Joglekar

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

760
citations

623188

14
h-index

580395

25
g-index

47
all docs

47
docs citations

47
times ranked

1061
citing authors

#	ARTICLE	IF	CITATIONS
1	Diabetes, metabolic disease, and telomere length. <i>Lancet Diabetes and Endocrinology</i> , 2021, 9, 117-126.	5.5	98
2	A comparative analysis of high-throughput platforms for validation of a circulating microRNA signature in diabetic retinopathy. <i>Scientific Reports</i> , 2015, 5, 10375.	1.6	64
3	Circulating microRNA Biomarkers of Diabetic Retinopathy. <i>Diabetes</i> , 2016, 65, 22-24.	0.3	52
4	Circulating microRNAs: Understanding the Limits for Quantitative Measurement by Real-time PCR. <i>Journal of the American Heart Association</i> , 2014, 3, e000792.	1.6	48
5	An Optimised Step-by-Step Protocol for Measuring Relative Telomere Length. <i>Methods and Protocols</i> , 2020, 3, 27.	0.9	40
6	Non-Coding RNA in Pancreas and β -Cell Development. <i>Non-coding RNA</i> , 2018, 4, 41.	1.3	37
7	Shortened Leukocyte Telomere Length Is Associated With Glycemic Progression in Type 2 Diabetes: A Prospective and Mendelian Randomization Analysis. <i>Diabetes Care</i> , 2022, 45, 701-709.	4.3	37
8	Shortened Relative Leukocyte Telomere Length Is Associated With Prevalent and Incident Cardiovascular Complications in Type 2 Diabetes: Analysis From the Hong Kong Diabetes Register. <i>Diabetes Care</i> , 2020, 43, 2257-2265.	4.3	31
9	MicroRNAs as Prognostic Markers in Acute Coronary Syndrome Patients—A Systematic Review. <i>Cells</i> , 2019, 8, 1572.	1.8	25
10	Probe-based Real-time PCR Approaches for Quantitative Measurement of microRNAs. <i>Journal of Visualized Experiments</i> , 2015, , .	0.2	24
11	Placenta Stem/Stromal Cell-Derived Extracellular Vesicles for Potential Use in Lung Repair. <i>Proteomics</i> , 2019, 19, e1800166.	1.3	23
12	Circulating non-coding RNAs as biomarkers of beta cell death in diabetes. <i>Pediatric Endocrinology Reviews</i> , 2013, 11, 14-20.	1.2	22
13	The microRNA-29 family: role in metabolism and metabolic disease. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 323, C367-C377.	2.1	20
14	Postpartum circulating microRNA enhances prediction of future type 2 diabetes in women with previous gestational diabetes. <i>Diabetologia</i> , 2021, 64, 1516-1526.	2.9	19
15	A MicroRNA Signature in Acute Coronary Syndrome Patients and Modulation by Colchicine. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2020, 25, 444-455.	1.0	17
16	Machine learning workflows identify a microRNA signature of insulin transcription in human tissues. <i>IScience</i> , 2021, 24, 102379.	1.9	17
17	The long noncoding RNA MALAT1 predicts human islet isolation quality. <i>JCI Insight</i> , 2019, 4, .	2.3	17
18	Insulin micro-secretion in Type 1 diabetes and related microRNA profiles. <i>Scientific Reports</i> , 2021, 11, 11727.	1.6	16

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19	Circulating human microRNA biomarkers of oxalic acid-induced acute kidney injury. <i>Archives of Toxicology</i> , 2020, 94, 1725-1737.	1.9	15
20	Integration-Free Human Induced Pluripotent Stem Cells from type 1 Diabetes Patient Skin Fibroblasts Show Increased Abundance of Pancreas-Specific microRNAs. <i>Cell Medicine</i> , 2014, 7, 15-24.	5.0	13
21	A Protocol for Measurement of Noncoding RNA in Human Serum. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-4.	3.8	12
22	Urinary microRNAs as non-invasive biomarkers for toxic acute kidney injury in humans. <i>Scientific Reports</i> , 2021, 11, 9165.	1.6	11
23	Circulating microRNAs in Diabetes Progression: Discovery, Validation, and Research Translation. <i>Exs</i> , 2015, 106, 215-244.	1.4	11
24	Relative leucocyte telomere length is associated with incident end-stage kidney disease and rapid decline of kidney function in type 2 diabetes: analysis from the Hong Kong Diabetes Register. <i>Diabetologia</i> , 2022, 65, 375-386.	2.9	11
25	Human islet cells are killed by BID-independent mechanisms in response to FAS ligand. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2016, 21, 379-389.	2.2	10
26	Shortened relative leukocyte telomere length is associated with all-cause mortality in type 2 diabetes-analysis from the Hong Kong Diabetes Register. <i>Diabetes Research and Clinical Practice</i> , 2021, 173, 108649.	1.1	10
27	Decrease in Plasma miR-27a and miR-221 After Concussion in Australian Football Players. <i>Biomarker Insights</i> , 2022, 17, 117727192210813.	1.0	9
28	Levels of circulating insulin cell-free DNA in women with polycystic ovary syndrome – a longitudinal cohort study. <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 34.	1.4	8
29	A bird's eye view of the dynamics of pancreatic β -cell heterogeneity. <i>Acta Physiologica</i> , 2021, 233, e13664.	1.8	6
30	Connexins and microRNAs: Interlinked players in regulating islet function?. <i>Islets</i> , 2017, 9, 99-108.	0.9	5
31	Circulating microRNAs from early childhood and adolescence are associated with pre-diabetes at 18 years of age in women from the PMNS cohort. <i>Journal of Developmental Origins of Health and Disease</i> , 2022, 13, 806-811.	0.7	5
32	A Novel Gene Delivery Approach Using Metal Organic Frameworks in Human Islet-Derived Progenitor Cells. <i>Methods in Molecular Biology</i> , 2019, 2029, 81-91.	0.4	4
33	Comparative analysis of diagnostic platforms for measurement of differentially methylated insulin DNA. <i>Journal of Biological Methods</i> , 2019, 6, e113.	1.0	4
34	Postpartum Circulating Cell-Free Insulin DNA Levels Are Higher in Women with Previous Gestational Diabetes Mellitus Who Develop Type 2 Diabetes in Later Life. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-5.	1.0	3
35	Droplet Digital PCR for Measuring Absolute Copies of Gene Transcripts in Human Islet-Derived Progenitor Cells. <i>Methods in Molecular Biology</i> , 2019, 2029, 37-48.	0.4	3
36	Promoting Pro-Endocrine Differentiation and Graft Maturation Following Surgical Resection of the Mouse Pancreas. <i>Methods in Molecular Biology</i> , 2021, 2224, 87-98.	0.4	2

#	ARTICLE	IF	CITATIONS
37	Directed differentiation into insulin-producing cells using microRNA manipulation. Open Medicine (Poland), 2020, 15, 567-570.	0.6	2
38	Continuous subcutaneous insulin infusion alters microRNA expression and glycaemic variability in children with type 1 diabetes. Scientific Reports, 2021, 11, 16656.	1.6	1
39	Manipulating cellular microRNAs and analyzing high-dimensional gene expression data using machine learning workflows. STAR Protocols, 2021, 2, 100910.	0.5	1
40	A Pro-Endocrine Pancreatic Islet Transcriptional Program Established During Development Is Retained in Human Gallbladder Epithelial Cells. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1530-1553.e4.	2.3	1
41	Analysis of Half a Billion Datapoints Across Ten Machine-Learning Algorithms Identifies Key Elements Associated With Insulin Transcription in Human Pancreatic Islet Cells. Frontiers in Endocrinology, 2022, 13, 853863.	1.5	1
42	Vitamin D Levels During Pregnancy Are Associated With Offspring Telomere Length: A Longitudinal Mother-Child Study. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e3901-e3909.	1.8	1
43	Urinary versus serum microRNAs in human oxalic acid poisoning: Contrasting signals and performance. Toxicology Letters, 2020, 334, 21-26.	0.4	0
44	From Cradle to the Grave: Tissue-specific microRNA signatures in detecting clinical progression of diabetes. Non-coding RNAs in Endocrinology, 2014, 1, .	0.0	0