

# Yusuf Ali

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,792  
citations

430442

18  
h-index

344852

36  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2512  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of vascular nitric oxide in vitro and in vivo ; a new role for endogenous hydrogen sulphide?. British Journal of Pharmacology, 2006, 149, 625-634.	2.7	311
2	Role of Hydrogen Sulfide in the Cardioprotection Caused by Ischemic Preconditioning in the Rat Heart and Cardiac Myocytes. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 670-678.	1.3	244
3	Streptozotocin-induced diabetes in the rat is associated with enhanced tissue hydrogen sulfide biosynthesis. Biochemical and Biophysical Research Communications, 2005, 333, 1146-1152.	1.0	171
4	Contractile and Vasorelaxant Effects of Hydrogen Sulfide and Its Biosynthesis in the Human Internal Mammary Artery. Journal of Pharmacology and Experimental Therapeutics, 2008, 324, 876-882.	1.3	142
5	Activin and BMP4 Synergistically Promote Formation of Definitive Endoderm in Human Embryonic Stem Cells. Stem Cells, 2012, 30, 631-642.	1.4	97
6	Hydrogen sulphide reduces insulin secretion from HIT-T15 cells by a KATP channel-dependent pathway. Journal of Endocrinology, 2007, 195, 105-112.	1.2	86
7	New insights into the architecture of the islet of Langerhans: a focused cross-species assessment. Diabetologia, 2015, 58, 2218-2228.	2.9	81
8	Structural basis for delta cell paracrine regulation in pancreatic islets. Nature Communications, 2019, 10, 3700.	5.8	80
9	Apolipoprotein CIII links islet insulin resistance to $\beta$ -cell failure in diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2611-9.	3.3	69
10	Synaptotagmin-7 phosphorylation mediates GLP-1-dependent potentiation of insulin secretion from $\beta$ -cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9996-10001.	3.3	65
11	Insulin-stimulated leptin secretion requires calcium and PI3K/Akt activation. Biochemical Journal, 2014, 458, 491-498.	1.7	41
12	Layer-by-layer coated nanoliposomes for oral delivery of insulin. Nanoscale, 2021, 13, 776-789.	2.8	38
13	Visualization and Isolation of Langerhans Islets by a Fluorescent Probe PiY. Angewandte Chemie - International Edition, 2013, 52, 8557-8560.	7.2	36
14	Pancreatic Islet Blood Flow Dynamics in Primates. Cell Reports, 2017, 20, 1490-1501.	2.9	35
15	One-step purification of functional human and rat pancreatic alpha cells. Integrative Biology (United Tj ETQq1 1 0.784314 rgBT /Overlo	0.6	26
16	Local release of rapamycin by microparticles delays islet rejection within the anterior chamber of the eye. Scientific Reports, 2019, 9, 3918.	1.6	26
17	Colorimetric Urinalysis for On-Site Detection of Metabolic Biomarkers. ACS Applied Materials & Interfaces, 2020, 12, 31270-31281.	4.0	25
18	The PDZ domain protein Mcc is a novel effector of non-canonical Wnt signaling during convergence and extension in zebrafish. Development (Cambridge), 2014, 141, 3505-3516.	1.2	23

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19	Islet macrophages are associated with islet vascular remodeling and compensatory hyperinsulinemia during diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E1108-E1120.	1.8	21
20	Increased double strand breaks in diabetic $\beta^2$ -cells with a p21 response that limits apoptosis. <i>Scientific Reports</i> , 2019, 9, 19341.	1.6	17
21	Localization of lipoprotein lipase and GPIHBP1 in mouse pancreas: effects of diet and leptin deficiency. <i>BMC Physiology</i> , 2012, 12, 14.	3.6	16
22	Single-cell transcriptomics of East-Asian pancreatic islets cells. <i>Scientific Reports</i> , 2017, 7, 5024.	1.6	16
23	Destabilization of $\beta^2$ Cell FIT2 by saturated fatty acids alter lipid droplet numbers and contribute to ER stress and diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2113074119.	3.3	15
24	Mitofusins $\beta^1$ and $\beta^2$ Are Required to Preserve Glucose- but Not Incretin-Stimulated $\beta^2$ -Cell Connectivity and Insulin Secretion. <i>Diabetes</i> , 2022, 71, 1472-1489.	0.3	14
25	The anterior chamber of the eye is a transplantation site that supports and enables visualisation of beta cell development in mice. <i>Diabetologia</i> , 2016, 59, 1007-1011.	2.9	13
26	Boolean network modeling of $\beta^2$ -cell apoptosis and insulin resistance in type 2 diabetes mellitus. <i>BMC Systems Biology</i> , 2019, 13, 36.	3.0	12
27	Islet Transplantation to the Anterior Chamber of the Eye – A Future Treatment Option for Insulin-Deficient Type-2 Diabetics? A Case Report from a Nonhuman Type-2 Diabetic Primate. <i>Cell Transplantation</i> , 2020, 29, 096368972091325.	1.2	11
28	Higher extracellular water to total body water ratio was associated with chronic kidney disease progression in type 2 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 107930.	1.2	11
29	TLR4 signals through islet macrophages to alter cytokine secretion during diabetes. <i>Journal of Endocrinology</i> , 2020, 247, 87.	1.2	10
30	Mutated in colorectal cancer (Mcc), a candidate tumor suppressor, is dynamically expressed during mouse embryogenesis. <i>Developmental Dynamics</i> , 2011, 240, 2166-2174.	0.8	8
31	Stress Hyperglycemia Is Associated With an Increased Risk of Subsequent Development of Diabetes Among Bacteremic and Nonbacteremic Patients. <i>Diabetes Care</i> , 2022, 45, 1438-1444.	4.3	8
32	Colorimetric and Fluorometric Profiling of Advanced Glycation End Products. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 94-103.	4.0	8
33	The pancreatic $\beta^2$ -cell in deadly encounter with apolipoprotein CIII. <i>Cell Cycle</i> , 2015, 14, 2715-2716.	1.3	5
34	Feruloyl Sucrose Esters: Potent and Selective Inhibitors of $\beta^2$ -glucosidase and $\beta^2$ -amylase. <i>Current Medicinal Chemistry</i> , 2022, 29, 1606-1621.	1.2	4
35	Co-immunoprecipitation Assay Using Endogenous Nuclear Proteins from Cells Cultured Under Hypoxic Conditions. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	1
36	Local Dexamethasone Administration Delays Allogeneic Islet Graft Rejection in the Anterior Chamber of the Eye of Non-Human Primates. <i>Cell Transplantation</i> , 2022, 31, 096368972210980.	1.2	1

#	ARTICLE	IF	CITATIONS
37	Effectiveness of data auditing as a tool to reinforce good research data management (RDM) practice: a Singapore study. BMC Medical Ethics, 2021, 22, 103.	1.0	0