

Yusuf Ali

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,792
citations

430874

18
h-index

345221

36
g-index

40
all docs

40
docs citations

40
times ranked

2512
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of vascular nitric oxide <i>in vitro</i> and <i>in vivo</i> ; a new role for endogenous hydrogen sulphide?. <i>British Journal of Pharmacology</i> , 2006, 149, 625-634.	5.4	311
2	Role of Hydrogen Sulfide in the Cardioprotection Caused by Ischemic Preconditioning in the Rat Heart and Cardiac Myocytes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 316, 670-678.	2.5	244
3	Streptozotocin-induced diabetes in the rat is associated with enhanced tissue hydrogen sulfide biosynthesis. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 1146-1152.	2.1	171
4	Contractile and Vasorelaxant Effects of Hydrogen Sulfide and Its Biosynthesis in the Human Internal Mammary Artery. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 324, 876-882.	2.5	142
5	Activin and BMP4 Synergistically Promote Formation of Definitive Endoderm in Human Embryonic Stem Cells. <i>Stem Cells</i> , 2012, 30, 631-642.	3.2	97
6	Hydrogen sulphide reduces insulin secretion from HIT-T15 cells by a KATP channel-dependent pathway. <i>Journal of Endocrinology</i> , 2007, 195, 105-112.	2.6	86
7	New insights into the architecture of the islet of Langerhans: a focused cross-species assessment. <i>Diabetologia</i> , 2015, 58, 2218-2228.	6.3	81
8	Structural basis for delta cell paracrine regulation in pancreatic islets. <i>Nature Communications</i> , 2019, 10, 3700.	12.8	80
9	Apolipoprotein CIII links islet insulin resistance to β -cell failure in diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2611-9.	7.1	69
10	Synaptotagmin-7 phosphorylation mediates GLP-1-dependent potentiation of insulin secretion from β -cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9996-10001.	7.1	65
11	Insulin-stimulated leptin secretion requires calcium and PI3K/Akt activation. <i>Biochemical Journal</i> , 2014, 458, 491-498.	3.7	41
12	Layer-by-layer coated nanoliposomes for oral delivery of insulin. <i>Nanoscale</i> , 2021, 13, 776-789.	5.6	38
13	Visualization and Isolation of Langerhans Islets by a Fluorescent Probe PiY. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8557-8560.	13.8	36
14	Pancreatic Islet Blood Flow Dynamics in Primates. <i>Cell Reports</i> , 2017, 20, 1490-1501.	6.4	35
15	One-step purification of functional human and rat pancreatic alpha cells. <i>Integrative Biology (United Kingdom)</i> 13, 1070-1076. TJ ETQq1 1 0.784314 rgBT /Overlo	1.3	26
16	Local release of rapamycin by microparticles delays islet rejection within the anterior chamber of the eye. <i>Scientific Reports</i> , 2019, 9, 3918.	3.3	26
17	Colorimetric Urinalysis for On-Site Detection of Metabolic Biomarkers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 31270-31281.	8.0	25
18	The PDZ domain protein Mcc is a novel effector of non-canonical Wnt signaling during convergence and extension in zebrafish. <i>Development (Cambridge)</i> , 2014, 141, 3505-3516.	2.5	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.	3.5	21
20	Increased double strand breaks in diabetic β^2 -cells with a p21 response that limits apoptosis. <i>Scientific Reports</i> , 2019, 9, 19341.	3.3	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.	3.3	16
23	Destabilization of β^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.	7.1	15
24	Mitofusins <i>Mfn1</i> and <i>Mfn2</i> Are Required to Preserve Glucose- but Not Incretin-Stimulated β^2 -Cell Connectivity and Insulin Secretion. <i>Diabetes</i> , 2022, 71, 1472-1489.	0.6	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.	6.3	13
26	Boolean network modeling of β^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.	2.5	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.	2.3	11
29	TLR4 signals through islet macrophages to alter cytokine secretion during diabetes. <i>Journal of Endocrinology</i> , 2020, 247, 87.	2.6	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.	1.8	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.	8.6	8
32	Colorimetric and Fluorometric Profiling of Advanced Glycation End Products. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 94-103.	8.0	8
33	The pancreatic β^2 -cell in deadly encounter with apolipoprotein CIII. <i>Cell Cycle</i> , 2015, 14, 2715-2716.	2.6	5
34	Feruloyl Sucrose Esters: Potent and Selective Inhibitors of β^2 -glucosidase and β^2 -amylase. <i>Current Medicinal Chemistry</i> , 2022, 29, 1606-1621.	2.4	4
35	Co-immunoprecipitation Assay Using Endogenous Nuclear Proteins from Cells Cultured Under Hypoxic Conditions. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	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.	2.5	1

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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.	2.4	0