

Yunxia Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,607
citations

257450

24
h-index

302126

39
g-index

52
all docs

52
docs citations

52
times ranked

2910
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-inflammatory effect of resveratrol on TNF- α -induced MCP-1 expression in adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 471-477.	2.1	141
2	Adipocyte-derived microvesicles from obese mice induce M1 macrophage phenotype through secreted miR-155. <i>Journal of Molecular Cell Biology</i> , 2016, 8, 505-517.	3.3	133
3	Bioluminescent Turn-On Probe for Sensing Hypochlorite in Vitro and in Tumors. <i>Analytical Chemistry</i> , 2017, 89, 5693-5696.	6.5	79
4	MicroRNA-24/MODY Gene Regulatory Pathway Mediates Pancreatic β -Cell Dysfunction. <i>Diabetes</i> , 2013, 62, 3194-3206.	0.6	78
5	Inhibition of the receptor for advanced glycation endproducts (RAGE) protects pancreatic β -cells. <i>Biochemical and Biophysical Research Communications</i> , 2011, 404, 159-165.	2.1	71
6	Expression of miRNA-29 in Pancreatic β Cells Promotes Inflammation and Diabetes via TRAF3. <i>Cell Reports</i> , 2021, 34, 108576.	6.4	67
7	Inflamed macrophage microvesicles induce insulin resistance in human adipocytes. <i>Nutrition and Metabolism</i> , 2015, 12, 21.	3.0	62
8	Formononetin Attenuates IL-1 β -Induced Apoptosis and NF- κ B Activation in INS-1 Cells. <i>Molecules</i> , 2012, 17, 10052-10064.	3.8	54
9	Lentian protects pancreatic β cells from STZ-induced damage. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1803-1812.	3.6	49
10	PP2A inhibitors induce apoptosis in pancreatic cancer cell line PANC-1 through persistent phosphorylation of IKK α and sustained activation of the NF- κ B pathway. <i>Cancer Letters</i> , 2011, 304, 117-127.	7.2	48
11	Luteolin improves non-alcoholic fatty liver disease in db/db mice by inhibition of liver X receptor activation to down-regulate expression of sterol regulatory element binding protein 1c. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 720-726.	2.1	48
12	Serotonin Receptor 2C and Insulin Secretion. <i>PLoS ONE</i> , 2013, 8, e54250.	2.5	46
13	Increased androgen levels in rats impair glucose-stimulated insulin secretion through disruption of pancreatic beta cell mitochondrial function. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 154, 254-266.	2.5	44
14	AGEs Decrease Insulin Synthesis in Pancreatic β -Cell by Repressing Pdx-1 Protein Expression at the Post-Translational Level. <i>PLoS ONE</i> , 2011, 6, e18782.	2.5	43
15	Mechanistic study of CBT-Cys click reaction and its application for identifying bioactive N-terminal cysteine peptides in amniotic fluid. <i>Chemical Science</i> , 2017, 8, 214-222.	7.4	40
16	Transcription factor Ets-1 links glucotoxicity to pancreatic beta cell dysfunction through inhibiting PDX-1 expression in rodent models. <i>Diabetologia</i> , 2016, 59, 316-324.	6.3	39
17	M1 macrophage-derived exosomes impair beta cell insulin secretion via miR-212-5p by targeting SIRT2 and inhibiting Akt/GSK-3 β / β -catenin pathway in mice. <i>Diabetologia</i> , 2021, 64, 2037-2051.	6.3	38
18	Gefitinib Inhibits the Proliferation of Pancreatic Cancer Cells via Cell Cycle Arrest. <i>Anatomical Record</i> , 2009, 292, 1122-1127.	1.4	36

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19	Co-culture with fat cells induces cellular insulin resistance in primary hepatocytes. <i>Biochemical and Biophysical Research Communications</i> , 2006, 345, 976-983.	2.1	35
20	MicroRNA-24 promotes pancreatic beta cells toward dedifferentiation to avoid endoplasmic reticulum stress-induced apoptosis. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 747-760.	3.3	33
21	Inhibition of Forkhead Box O1 Protects Pancreatic β -Cells against Dexamethasone-Induced Dysfunction. <i>Endocrinology</i> , 2009, 150, 4065-4073.	2.8	32
22	Forkhead Box O1/Pancreatic and Duodenal Homeobox 1 Intracellular Translocation Is Regulated by c-Jun N-Terminal Kinase and Involved in Prostaglandin E2-Induced Pancreatic β -Cell Dysfunction. <i>Endocrinology</i> , 2009, 150, 5284-5293.	2.8	27
23	Glucolipototoxicity-Inhibited <i>miR-299-5p</i> Regulates Pancreatic β -Cell Function and Survival. <i>Diabetes</i> , 2018, 67, 2280-2292.	0.6	27
24	Mitochondrial Proteomics Approach Reveals Voltage-Dependent Anion Channel 1 (VDAC1) as a Potential Biomarker of Gastric Cancer. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 2339-2354.	1.6	26
25	Plasma membrane proteomic analysis of human Gastric Cancer tissues: revealing flotillin 1 as a marker for Gastric Cancer. <i>BMC Cancer</i> , 2015, 15, 367.	2.6	26
26	Aldosterone induces clonal β -cell failure through glucocorticoid receptor. <i>Scientific Reports</i> , 2015, 5, 13215.	3.3	25
27	Selection of Peptide Inhibitor to Matrix Metalloproteinase-2 Using Phage Display and Its Effects on Pancreatic Cancer Cell lines PANC-1 and CFPAC-1. <i>International Journal of Biological Sciences</i> , 2012, 8, 650-662.	6.4	24
28	Identification of PARP-1 as one of the transcription factors binding to the repressor element in the promoter region of COX-2. <i>Archives of Biochemistry and Biophysics</i> , 2011, 505, 123-129.	3.0	23
29	Dynamic Regulation of PDX-1 and FoxO1 Expression by FoxA2 in Dexamethasone-Induced Pancreatic β -cells Dysfunction. <i>Endocrinology</i> , 2011, 152, 1779-1788.	2.8	23
30	Two Novel MicroRNA Biomarkers Related to β -Cell Damage and Their Potential Values for Early Diagnosis of Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1320-1329.	3.6	18
31	MicroRNA-218 Negatively Regulates Osteoclastogenic Differentiation by Repressing the Nuclear Factor- κ B Signaling Pathway and Targeting Tumor Necrosis Factor Receptor 1. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 339-347.	1.6	18
32	Ets-1 deficiency alleviates nonalcoholic steatohepatitis via weakening TGF- β 1 signaling-mediated hepatocyte apoptosis. <i>Cell Death and Disease</i> , 2019, 10, 458.	6.3	18
33	TIMP-1 and CD82, a promising combined evaluation marker for PDAC. <i>Oncotarget</i> , 2017, 8, 6496-6512.	1.8	17
34	A Presenilin/Notch1 pathway regulated by miR-375, miR-30a, and miR-34a mediates glucotoxicity induced-pancreatic beta cell apoptosis. <i>Scientific Reports</i> , 2016, 6, 36136.	3.3	16
35	Boronic Acid-Modified Magnetic Fe ₃ O ₄ @mTiO ₂ Microspheres for Highly Sensitive and Selective Enrichment of N-Glycopeptides in Amniotic Fluid. <i>Scientific Reports</i> , 2017, 7, 4603.	3.3	16
36	Forkhead box O1 mediates defects in palmitate-induced insulin granule exocytosis by downregulation of calcium/calmodulin-dependent serine protein kinase expression in INS-1 cells. <i>Diabetologia</i> , 2015, 58, 1272-1281.	6.3	15

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37	Inhibition of miR-153, an IL-1 β -responsive miRNA, prevents beta cell failure and inflammation-associated diabetes. <i>Metabolism: Clinical and Experimental</i> , 2020, 111, 154335.	3.4	15
38	Decrease in Circulating Fatty Acids Is Associated with Islet Dysfunction in Chronically Sleep-Restricted Rats. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2102.	4.1	10
39	Pdcd2l Promotes Palmitate-Induced Pancreatic Beta-Cell Apoptosis as a FoxO1 Target Gene. <i>PLoS ONE</i> , 2016, 11, e0166692.	2.5	10
40	PPAR β Activation Attenuates Glycated-Serum Induced Pancreatic Beta-Cell Dysfunction through Enhancing Pdx1 and Mafa Protein Stability. <i>PLoS ONE</i> , 2013, 8, e56386.	2.5	8
41	Type 2 diabetes mitigation in the diabetic Goto-Kakizaki rat by elevated bile acids following a common-bile-duct surgery. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 78-88.	3.4	8
42	SAD-A, a downstream mediator of GLP-1 signaling, promotes the phosphorylation of Bad S155 to regulate in vitro β -cell functions. <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 76-81.	2.1	6
43	miR-25 and miR-92b regulate insulin biosynthesis and pancreatic β -cell apoptosis. <i>Endocrine</i> , 2022, 76, 526-535.	2.3	6
44	LXR activation causes G1/S arrest through inhibiting SKP2 expression in MIN6 pancreatic beta cells. <i>Endocrine</i> , 2016, 53, 689-700.	2.3	4
45	Rab31, a receptor of advanced glycation end products (RAGE) interacting protein, inhibits AGE induced pancreatic β -cell apoptosis through the pAKT/BCL2 pathway. <i>Endocrine Journal</i> , 2022, 69, 1015-1026.	1.6	3
46	IDENTIFICATION OF A NOVEL REPRESSOR ELEMENT IN THE CYCLO-OXYGENASE-2 PROMOTER AND ITS NUCLEAR BINDING PROTEIN. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008, 35, 1204-1208.	1.9	2
47	Expression of miRNA-29 in Pancreatic β -Cells Promotes Inflammation and Diabetes Via TRAF3. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0