

# Bo Liu

## List of Publications by Citations

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**Version:** 2024-04-28

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28  
papers

684  
citations

15  
h-index

26  
g-index

31  
ext. papers

833  
ext. citations

6.7  
avg, IF

3.56  
L-index

#	Paper	IF	Citations
28	The diet-derived short chain fatty acid propionate improves beta-cell function in humans and stimulates insulin secretion from human islets in vitro. <i>Diabetes, Obesity and Metabolism</i> , <b>2017</b> , 19, 257-265	6.7	110
27	Selective ablation of peptide YY cells in adult mice reveals their role in beta cell survival. <i>Gastroenterology</i> , <b>2012</b> , 143, 459-68	13.3	53
26	Polysaccharide multilayer nanoencapsulation of insulin-producing beta-cells grown as pseudoislets for potential cellular delivery of insulin. <i>Biomacromolecules</i> , <b>2010</b> , 11, 610-6	6.9	49
25	A comparative analysis of human and mouse islet G-protein coupled receptor expression. <i>Scientific Reports</i> , <b>2017</b> , 7, 46600	4.9	45
24	The novel chemokine receptor, G-protein-coupled receptor 75, is expressed by islets and is coupled to stimulation of insulin secretion and improved glucose homeostasis. <i>Diabetologia</i> , <b>2013</b> , 56, 2467-76	10.3	42
23	Characterisation of the insulinotropic activity of an aqueous extract of <i>Gymnema sylvestre</i> in mouse beta-cells and human islets of Langerhans. <i>Cellular Physiology and Biochemistry</i> , <b>2009</b> , 23, 125-32	3.9	42
22	The CaMK4/CREB/IRS-2 cascade stimulates proliferation and inhibits apoptosis of $\beta$ cells. <i>PLoS ONE</i> , <b>2012</b> , 7, e45711	3.7	40
21	Cytoprotective effect of <i>Coreopsis tinctoria</i> extracts and flavonoids on tBHP and cytokine-induced cell injury in pancreatic MIN6 cells. <i>Journal of Ethnopharmacology</i> , <b>2012</b> , 139, 485-92	5	39
20	GPR55-dependent stimulation of insulin secretion from isolated mouse and human islets of Langerhans. <i>Diabetes, Obesity and Metabolism</i> , <b>2016</b> , 18, 1263-1273	6.7	38
19	GPR55: from orphan to metabolic regulator?. <i>Pharmacology &amp; Therapeutics</i> , <b>2015</b> , 145, 35-42	13.9	32
18	Calcium/calmodulin-dependent kinase IV controls glucose-induced Irs2 expression in mouse beta cells via activation of cAMP response element-binding protein. <i>Diabetologia</i> , <b>2011</b> , 54, 1109-20	10.3	24
17	Recovery of oral glucose tolerance by Wistar rats after treatment with <i>Coreopsis tinctoria</i> infusion. <i>Phytotherapy Research</i> , <b>2010</b> , 24, 699-705	6.7	23
16	The permissive effects of glucose on receptor-operated potentiation of insulin secretion from mouse islets: a role for ERK1/2 activation and cytoskeletal remodelling. <i>Diabetologia</i> , <b>2013</b> , 56, 783-91	10.3	17
15	Dynamic Profiling of Insulin Secretion and ATP Generation in Isolated Human and Mouse Islets Reveals Differential Glucose Sensitivity. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 44, 1352-1359	3.9	16
14	Nupr1 deletion protects against glucose intolerance by increasing beta cell mass. <i>Diabetologia</i> , <b>2013</b> , 56, 2477-86	10.3	15
13	Defining G protein-coupled receptor peptide ligand expressomes and signalomes in human and mouse islets. <i>Cellular and Molecular Life Sciences</i> , <b>2018</b> , 75, 3039-3050	10.3	13
12	<i>C. medica</i> cv Diamante peel chemical composition and influence on glucose homeostasis and metabolic parameters. <i>Food Chemistry</i> , <b>2011</b> , 124, 1083-1089	8.5	13

11	LH-21 and abnormal cannabidiol improve $\beta$ cell function in isolated human and mouse islets through GPR55-dependent and -independent signalling. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20, 930-942	6.7	13
10	C3aR and C5aR1 act as key regulators of human and mouse $\beta$ cell function. <i>Cellular and Molecular Life Sciences</i> , <b>2018</b> , 75, 715-726	10.3	12
9	The cannabinoid ligands SR141716A and AM251 enhance human and mouse islet function via GPR55-independent signalling. <i>Cellular and Molecular Life Sciences</i> , <b>2020</b> , 77, 4709-4723	10.3	9
8	Identifying Signalling Pathways Regulated by GPRC5B in $\beta$ Cells by CRISPR-Cas9-Mediated Genome Editing. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 45, 656-666	3.9	8
7	Prolonged activation of human islet cannabinoid receptors in vitro induces adaptation but not dysfunction. <i>BBA Clinical</i> , <b>2016</b> , 5, 143-50		8
6	Investigation of intracellular signalling cascades mediating stimulatory effect of a <i>Gymnema sylvestre</i> extract on insulin secretion from isolated mouse and human islets of Langerhans. <i>Diabetes, Obesity and Metabolism</i> , <b>2012</b> , 14, 1104-13	6.7	8
5	Modulation of endoglin expression in islets of langerhans by VEGF reveals a novel regulator of islet endothelial cell function. <i>BMC Research Notes</i> , <b>2016</b> , 9, 362	2.3	5
4	A novel <i>Gymnema sylvestre</i> extract protects pancreatic beta-cells from cytokine-induced apoptosis. <i>Phytotherapy Research</i> , <b>2020</b> , 34, 161-172	6.7	4
3	Functional analysis of human islets of Langerhans maintained in culture. <i>Methods in Molecular Biology</i> , <b>2012</b> , 806, 55-71	1.4	2
2	Drug reformulation for a neglected disease. The NANOHAT project to develop a safer more effective sleeping sickness drug. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0009276	4.8	2
1	Cyclin-dependent kinase 5 regulates proliferation, migration, tyrosinase activity, and melanin production in B16-F10 melanoma cells via the essential regulator p-CREB. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>2019</b> , 55, 416-425	2.6	1