

Heeyoung Chae

List of Publications by Year in descending order

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papers

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266
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#	ARTICLE	IF	CITATIONS
1	The lack of functional nicotinamide nucleotide transhydrogenase only moderately contributes to the impairment of glucose tolerance and glucose-stimulated insulin secretion in C57BL/6J vs C57BL/6N mice. <i>Diabetologia</i> , 2021, 64, 2550-2561.	2.9	7
2	KATP channel blockers control glucagon secretion by distinct mechanisms: A direct stimulation of $\hat{I}\pm$ -cells involving a $[Ca^{2+}]_c$ rise and an indirect inhibition mediated by somatostatin. <i>Molecular Metabolism</i> , 2021, 53, 101268.	3.0	13
3	SGLT2 is not expressed in pancreatic $\hat{I}\pm$ - and \hat{I}^2 -cells, and its inhibition does not directly affect glucagon and insulin secretion in rodents and humans. <i>Molecular Metabolism</i> , 2020, 42, 101071.	3.0	26
4	Metallothionein 1 negatively regulates glucose-stimulated insulin secretion and is differentially expressed in conditions of beta cell compensation and failure in mice and humans. <i>Diabetologia</i> , 2019, 62, 2273-2286.	2.9	16
5	Somatostatin Is Only Partly Required for the Glucagonostatic Effect of Glucose but Is Necessary for the Glucagonostatic Effect of KATP Channel Blockers. <i>Diabetes</i> , 2018, 67, 2239-2253.	0.3	33
6	NNT reverse mode of operation mediates glucose control of mitochondrial NADPH and glutathione redox state in mouse pancreatic \hat{I}^2 -cells. <i>Molecular Metabolism</i> , 2017, 6, 535-547.	3.0	35
7	Can Tea Extracts Exert a Protective Effect Against Diabetes by Reducing Oxidative Stress and Decreasing Glucotoxicity in Pancreatic \hat{I}^2 -Cells?. <i>Diabetes and Metabolism Journal</i> , 2015, 39, 27.	1.8	4