

Eri Mukai

List of Publications by Year in descending order

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12
papers

437
citations

933447

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1199594

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all docs

12
docs citations

12
times ranked

781
citing authors

#	ARTICLE	IF	CITATIONS
1	An Insulinotropic Effect of Vitamin D Analog with Increasing Intracellular Ca ²⁺ Concentration in Pancreatic β^2 -Cells through Nongenomic Signal Transduction. <i>Endocrinology</i> , 1999, 140, 4706-4712.	2.8	99
2	Exendin-4 Suppresses Src Activation and Reactive Oxygen Species Production in Diabetic Goto-Kakizaki Rat Islets in an Epac-Dependent Manner. <i>Diabetes</i> , 2011, 60, 218-226.	0.6	82
3	GLP-1 receptor antagonist as a potential probe for pancreatic β^2 -cell imaging. <i>Biochemical and Biophysical Research Communications</i> , 2009, 389, 523-526.	2.1	64
4	Oral Administration of Apple Procyanidins Ameliorates Insulin Resistance via Suppression of Pro-Inflammatory Cytokine Expression in Liver of Diabetic ob/ob Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 8857-8865.	5.2	42
5	An Insulinotropic Effect of Vitamin D Analog with Increasing Intracellular Ca ²⁺ Concentration in Pancreatic β^2 -Cells through Nongenomic Signal Transduction. <i>Endocrinology</i> , 1999, 140, 4706-4712.	2.8	30
6	Impaired metabolism-secretion coupling in pancreatic β^2 -cells: Role of determinants of mitochondrial ATP production. <i>Diabetes Research and Clinical Practice</i> , 2007, 77, S2-S10.	2.8	28
7	Role of mitochondrial phosphate carrier in metabolism-secretion coupling in rat insulinoma cell line INS-1. <i>Biochemical Journal</i> , 2011, 435, 421-430.	3.7	23
8	Bitter melon fruit extract has a hypoglycemic effect and reduces hepatic lipid accumulation in ob/ob mice. <i>Phytotherapy Research</i> , 2020, 34, 1338-1346.	5.8	22
9	Role of endogenous ROS production in impaired metabolism-secretion coupling of diabetic pancreatic β^2 cells. <i>Progress in Biophysics and Molecular Biology</i> , 2011, 107, 304-310.	2.9	20
10	Single-Cell Transcriptome Analysis Dissects the Replicating Process of Pancreatic Beta Cells in Partial Pancreatectomy Model. <i>IScience</i> , 2020, 23, 101774.	4.1	15
11	Bitter melon fruit extract enhances intracellular ATP production and insulin secretion from rat pancreatic β^2 -cells. <i>British Journal of Nutrition</i> , 2022, 127, 377-383.	2.3	7
12	The insulinotropic mechanism of the novel hypoglycaemic agent JTT-608: direct enhancement of Ca ²⁺ efficacy and increase of Ca ²⁺ influx by phosphodiesterase inhibition. <i>British Journal of Pharmacology</i> , 2000, 129, 901-908.	5.4	5