

Rui Wei

List of Publications by Year in descending order

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37
papers

933
citations

471509

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454955

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37
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1575
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#	ARTICLE	IF	CITATIONS
1	Effect of Levothyroxine on Miscarriage Among Women With Normal Thyroid Function and Thyroid Autoimmunity Undergoing In Vitro Fertilization and Embryo Transfer. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 2190.	7.4	161
2	Exenatide exerts direct protective effects on endothelial cells through the AMPK/Akt/eNOS pathway in a GLP-1 receptor-dependent manner. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E947-E957.	3.5	84
3	Dynamic expression of microRNAs during the differentiation of human embryonic stem cells into insulin-producing cells. <i>Gene</i> , 2013, 518, 246-255.	2.2	80
4	Liver-derived fibroblast growth factor 21 mediates effects of glucagon-like peptide-1 in attenuating hepatic glucose output. <i>EBioMedicine</i> , 2019, 41, 73-84.	6.1	49
5	Metformin attenuates fluctuating glucose-induced endothelial dysfunction through enhancing GTPCH1-mediated eNOS recoupling and inhibiting NADPH oxidase. <i>Journal of Diabetes and Its Complications</i> , 2016, 30, 1017-1024.	2.3	44
6	Dapagliflozin promotes beta cell regeneration by inducing pancreatic endocrine cell phenotype conversion in type 2 diabetic mice. <i>Metabolism: Clinical and Experimental</i> , 2020, 111, 154324.	3.4	40
7	Activation of glucagon-like peptide-1 receptor inhibits growth and promotes apoptosis of human pancreatic cancer cells in a cAMP-dependent manner. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E1431-E1441.	3.5	38
8	Potential roles of glucagon-like peptide-1-based therapies in treating non-alcoholic fatty liver disease. <i>World Journal of Gastroenterology</i> , 2014, 20, 9090-7.	3.3	36
9	Antagonistic Glucagon Receptor Antibody Promotes $\hat{1}\pm$ -Cell Proliferation and Increases $\hat{1}^2$ -Cell Mass in Diabetic Mice. <i>IScience</i> , 2019, 16, 326-339.	4.1	30
10	FoxO1 inhibition promotes differentiation of human embryonic stem cells into insulin producing cells. <i>Experimental Cell Research</i> , 2018, 362, 227-234.	2.6	28
11	Glucagon receptor antagonist upregulates circulating GLP-1 level by promoting intestinal L-cell proliferation and GLP-1 production in type 2 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001025.	2.8	28
12	Lineage Reprogramming: A Promising Road for Pancreatic $\hat{1}^2$ Cell Regeneration. <i>Trends in Endocrinology and Metabolism</i> , 2016, 27, 163-176.	7.1	27
13	Insulin-Producing Cells Derived from Human Embryonic Stem Cells: Comparison of Definitive Endoderm- and Nestin-Positive Progenitor-Based Differentiation Strategies. <i>PLoS ONE</i> , 2013, 8, e72513.	2.5	26
14	Ghrelin induces cardiac lineage differentiation of human embryonic stem cells through ERK1/2 pathway. <i>International Journal of Cardiology</i> , 2013, 167, 2724-2733.	1.7	25
15	Synergistic effects of metformin with liraglutide against endothelial dysfunction through GLP-1 receptor and PKA signalling pathway. <i>Scientific Reports</i> , 2017, 7, 41085.	3.3	24
16	GLP-1 Analog Liraglutide Enhances Proinsulin Processing in Pancreatic $\hat{1}^2$ -Cells via a PKA-Dependent Pathway. <i>Endocrinology</i> , 2014, 155, 3817-3828.	2.8	20
17	Liraglutide restores angiogenesis in palmitate-impaired human endothelial cells through PI3K/Akt-Foxo1-GTPCH1 pathway. <i>Peptides</i> , 2016, 86, 95-101.	2.4	19
18	MTA2-mediated inhibition of PTEN leads to pancreatic ductal adenocarcinoma carcinogenicity. <i>Cell Death and Disease</i> , 2019, 10, 206.	6.3	18

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19	Liraglutide ameliorates palmitate-induced oxidative injury in islet microvascular endothelial cells through GLP-1 receptor/PKA and GTPCH1/eNOS signaling pathways. <i>Peptides</i> , 2020, 124, 170212.	2.4	18
20	Glucagon receptor antagonism promotes the production of gut proglucagon-derived peptides in diabetic mice. <i>Peptides</i> , 2020, 131, 170349.	2.4	16
21	GLP-1 receptor agonists stimulate ANGPTL8 production through the PI3K/Akt pathway in a GLP-1 receptor-dependent manner. <i>Peptides</i> , 2018, 106, 83-90.	2.4	15
22	Ghrelin promotes differentiation of human embryonic stem cells into cardiomyocytes. <i>Acta Pharmacologica Sinica</i> , 2011, 32, 1239-1245.	6.1	13
23	Synergistic anti-tumor effects of liraglutide with metformin on pancreatic cancer cells. <i>PLoS ONE</i> , 2018, 13, e0198938.	2.5	13
24	Glucagon receptor antagonism increases mouse pancreatic \hat{I}^1 -cell mass through cell proliferation and duct-derived neogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2019, 512, 864-870.	2.1	13
25	Pancreatic \hat{I}^2 cell regeneration induced by clinical and preclinical agents. <i>World Journal of Stem Cells</i> , 2021, 13, 64-77.	2.8	12
26	Pro- \hat{I}^1 -cell-derived \hat{I}^2 -cells contribute to \hat{I}^2 -cell neogenesis induced by antagonistic glucagon receptor antibody in type 2 diabetic mice. <i>IScience</i> , 2022, 25, 104567.	4.1	11
27	High-fat diet induces early-onset diabetes in heterozygous <i>Pax6</i> mutant mice. <i>Diabetes/Metabolism Research and Reviews</i> , 2014, 30, 467-475.	4.0	10
28	Ghrelin promotes the differentiation of human embryonic stem cells in infarcted cardiac microenvironment. <i>Peptides</i> , 2012, 34, 373-379.	2.4	9
29	Non-targeted metabolomic analysis predicts the therapeutic effects of exenatide on endothelial injury in patients with type 2 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 107797.	2.3	5
30	High baseline FGF21 levels are associated with poor glucose-lowering efficacy of exenatide in patients with type 2 diabetes. <i>Acta Diabetologica</i> , 2021, 58, 595-602.	2.5	5
31	Glucagon-like peptide-1 promotes \hat{I}^1 -to- \hat{I}^2 cell transdifferentiation: How far is it from clinical application?. <i>Diabetes and Metabolism</i> , 2019, 45, 601-602.	2.9	4
32	Identification of key genes and pathways in mild and severe nonalcoholic fatty liver disease by integrative analysis. <i>Chronic Diseases and Translational Medicine</i> , 2021, 7, 276-286.	1.2	4
33	Infarcted cardiac microenvironment may hinder cardiac lineage differentiation of human embryonic stem cells. <i>Cell Biology International</i> , 2016, 40, 1235-1246.	3.0	3
34	Combination of GLP-1 Receptor Activation and Glucagon Blockage Promotes Pancreatic \hat{I}^2 -Cell Regeneration In Situ in Type 1 Diabetic Mice. <i>Journal of Diabetes Research</i> , 2021, 2021, 1-10.	2.3	3
35	Anti-proliferative effect of rosiglitazone in the human T-lymphocyte leukaemia cell line Jurkat cells. <i>Cell Biology International</i> , 2018, 42, 515-524.	3.0	1
36	Regeneration of \hat{I}^2 cells from cell phenotype conversion among the pancreatic endocrine cells. <i>Chronic Diseases and Translational Medicine</i> , 2022, 8, 1-4.	1.2	1

#	ARTICLE	IF	CITATIONS
37	Relationship between vascular endothelial cells and pancreatic islet development and stem cell differentiation. <i>World Chinese Journal of Digestology</i> , 2013, 21, 2493.	0.1	0