Rui Wei

List of Publications by Year
in descending order

37 papers	933 citations	471509 17 h-index	454955 30 g-index
37 all docs	37 docs citations	37 times ranked	1575 citing authors

#	Article	IF	Citations
1	Regeneration of Î² cells from cell phenotype conversion among the pancreatic endocrine cells. Chronic Diseases and Translational Medicine, 2022, 8, 1-4.	1.2	1
2	Pro-Î±-cell-derived Î²-cells contribute to Î²-cell neogenesis induced by antagonistic glucagon receptor antibody in type 2 diabetic mice. IScience, 2022, 25, 104567.	4.1	11
3	Non-targeted metabolomic analysis predicts the therapeutic effects of exenatide on endothelial injury in patients with type 2 diabetes. Journal of Diabetes and Its Complications, 2021, 35, 107797.	2.3	5
4	Pancreatic Î² cell regeneration induced by clinical and preclinical agents. World Journal of Stem Cells, 2021, 13, 64-77.	2.8	12
5	High baseline FGF21 levels are associated with poor glucose-lowering efficacy of exenatide in patients with type 2 diabetes. Acta Diabetologica, 2021, 58, 595-602.	2.5	5
6	Identification of key genes and pathways in mild and severe nonalcoholic fatty liver disease by integrative analysis. Chronic Diseases and Translational Medicine, 2021, 7, 276-286.	1.2	4
7	Combination of GLP-1 Receptor Activation and Glucagon Blockage Promotes Pancreatic Î²-Cell Regeneration In Situ in Type 1 Diabetic Mice. Journal of Diabetes Research, 2021, 2021, 1-10.	2.3	3
8	Liraglutide ameliorates palmitate-induced oxidative injury in islet microvascular endothelial cells through GLP-1 receptor/PKA and GTPCH1/eNOS signaling pathways. Peptides, 2020, 124, 170212.	2.4	18
9	Dapagliflozin promotes beta cell regeneration by inducing pancreatic endocrine cell phenotype conversion in type 2 diabetic mice. Metabolism: Clinical and Experimental, 2020, 111, 154324.	3.4	40
10	Glucagon receptor antagonism promotes the production of gut proglucagon-derived peptides in diabetic mice. Peptides, 2020, 131, 170349.	2.4	16
11	Glucagon receptor antagonist upregulates circulating GLP-1 level by promoting intestinal L-cell proliferation and GLP-1 production in type 2 diabetes. BMJ Open Diabetes Research and Care, 2020, 8, e001025.	2.8	28
12	Glucagon-like peptide-1 promotes Î±-to-Î² cell transdifferentiation: How far is it from clinical application?. Diabetes and Metabolism, 2019, 45, 601-602.	2.9	4
13	Antagonistic Glucagon Receptor Antibody Promotes Î±-Cell Proliferation and Increases Î²-Cell Mass in Diabetic Mice. IScience, 2019, 16, 326-339.	4.1	30
14	Liver-derived fibroblast growth factor 21 mediates effects of glucagon-like peptide-1 in attenuating hepatic glucose output. EBioMedicine, 2019, 41, 73-84.	6.1	49
15	Glucagon receptor antagonism increases mouse pancreatic Î´-cell mass through cell proliferation and duct-derived neogenesis. Biochemical and Biophysical Research Communications, 2019, 512, 864-870.	2.1	13
16	MTA2-mediated inhibition of PTEN leads to pancreatic ductal adenocarcinoma carcinogenicity. Cell Death and Disease, 2019, 10, 206.	6.3	18
17	Antiâ€proliferative effect of rosiglitazone in the human Tâ€lymphocyte leukaemia cell line Jurkat cells. Cell Biology International, 2018, 42, 515-524.	3.0	1
18	FoxO1 inhibition promotes differentiation of human embryonic stem cells into insulin producing cells. Experimental Cell Research, 2018, 362, 227-234.	2.6	28

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19	GLP-1 receptor agonists stimulate ANGPTL8 production through the PI3K/Akt pathway in a GLP-1 receptor-dependent manner. Peptides, 2018, 106, 83-90.	2.4	15
20	Synergistic anti-tumor effects of liraglutide with metformin on pancreatic cancer cells. PLoS ONE, 2018, 13, e0198938.	2.5	13
21	Synergistic effects of metformin with liraglutide against endothelial dysfunction through GLP-1 receptor and PKA signalling pathway. Scientific Reports, 2017, 7, 41085.	3.3	24
22	Effect of Levothyroxine on Miscarriage Among Women With Normal Thyroid Function and Thyroid Autoimmunity Undergoing In Vitro Fertilization and Embryo Transfer. JAMA - Journal of the American Medical Association, 2017, 318, 2190.	7.4	161
23	Metformin attenuates fluctuating glucose-induced endothelial dysfunction through enhancing GTPCH1-mediated eNOS recoupling and inhibiting NADPH oxidase. Journal of Diabetes and Its Complications, 2016, 30, 1017-1024.	2.3	44
24	Infarcted cardiac microenvironment may hinder cardiac lineage differentiation of human embryonic stem cells. Cell Biology International, 2016, 40, 1235-1246.	3.0	3
25	Liraglutide restores angiogenesis in palmitate-impaired human endothelial cells through PI3K/Akt-Foxo1-GTPCH1 pathway. Peptides, 2016, 86, 95-101.	2.4	19
26	Exenatide exerts direct protective effects on endothelial cells through the AMPK/Akt/eNOS pathway in a GLP-1 receptor-dependent manner. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E947-E957.	3.5	84
27	Lineage Reprogramming: A Promising Road for Pancreatic Î² Cell Regeneration. Trends in Endocrinology and Metabolism, 2016, 27, 163-176.	7.1	27
28	GLP-1 Analog Liraglutide Enhances Proinsulin Processing in Pancreatic Î²-Cells via a PKA-Dependent Pathway. Endocrinology, 2014, 155, 3817-3828.	2.8	20
29	Activation of glucagon-like peptide-1 receptor inhibits growth and promotes apoptosis of human pancreatic cancer cells in a cAMP-dependent manner. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E1431-E1441.	3.5	38
30	Highâ€fat diet induces earlyâ€onset diabetes in heterozygous Pax6 mutant mice. Diabetes/Metabolism Research and Reviews, 2014, 30, 467-475.	4.0	10
31	Potential roles of glucagon-like peptide-1-based therapies in treating non-alcoholic fatty liver disease. World Journal of Gastroenterology, 2014, 20, 9090-7.	3.3	36
32	Ghrelin induces cardiac lineage differentiation of human embryonic stem cells through ERK1/2 pathway. International Journal of Cardiology, 2013, 167, 2724-2733.	1.7	25
33	Dynamic expression of microRNAs during the differentiation of human embryonic stem cells into insulin-producing cells. Gene, 2013, 518, 246-255.	2.2	80
34	Insulin-Producing Cells Derived from Human Embryonic Stem Cells: Comparison of Definitive Endoderm- and Nestin-Positive Progenitor-Based Differentiation Strategies. PLoS ONE, 2013, 8, e72513.	2.5	26
35	Relationship between vascular endothelial cells and pancreatic islet development and stem cell differentiation. World Chinese Journal of Digestology, 2013, 21, 2493.	0.1	0
36	Ghrelin promotes the differentiation of human embryonic stem cells in infarcted cardiac microenvironment. Peptides, 2012, 34, 373-379.	2.4	9

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37	Ghrelin promotes differentiation of human embryonic stem cells into cardiomyocytes. Acta Pharmacologica Sinica, 2011, 32, 1239-1245.	6.1	13