

Jun Shirakawa

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

901
citations

14
h-index

29
g-index

59
ext. papers

1,153
ext. citations

6.5
avg, IF

3.92
L-index

#	Paper	IF	Citations
48	Diet-induced adipose tissue inflammation and liver steatosis are prevented by DPP-4 inhibition in diabetic mice. <i>Diabetes</i> , 2011 , 60, 1246-57	0.9	198
47	Serp1b1 Promotes Pancreatic β Cell Proliferation. <i>Cell Metabolism</i> , 2016 , 23, 194-205	24.6	132
46	Insulin Signaling Regulates the FoxM1/PLK1/CENP-A Pathway to Promote Adaptive Pancreatic β Cell Proliferation. <i>Cell Metabolism</i> , 2017 , 25, 868-882.e5	24.6	60
45	Glucokinase activation ameliorates ER stress-induced apoptosis in pancreatic β cells. <i>Diabetes</i> , 2013 , 62, 3448-58	0.9	42
44	Protective effects of dipeptidyl peptidase-4 (DPP-4) inhibitor against increased β cell apoptosis induced by dietary sucrose and linoleic acid in mice with diabetes. <i>Journal of Biological Chemistry</i> , 2011 , 286, 25467-76	5.4	42
43	Proinflammatory Cytokines Induce Endocrine Differentiation in Pancreatic Ductal Cells via STAT3-Dependent NGN3 Activation. <i>Cell Reports</i> , 2016 , 15, 460-470	10.6	38
42	Bullous Pemphigoid and Dipeptidyl Peptidase 4 Inhibitors: A Disproportionality Analysis Based on the Japanese Adverse Drug Event Report Database. <i>Diabetes Care</i> , 2018 , 41, e130-e132	14.6	36
41	Preserved DNA Damage Checkpoint Pathway Protects against Complications in Long-Standing Type 1 Diabetes. <i>Cell Metabolism</i> , 2015 , 22, 239-52	24.6	34
40	Toll-like receptors TLR2 and TLR4 block the replication of pancreatic β cells in diet-induced obesity. <i>Nature Immunology</i> , 2019 , 20, 677-686	19.1	30
39	Effects of the antitumor drug OSI-906, a dual inhibitor of IGF-1 receptor and insulin receptor, on the glycemic control, β cell functions, and β cell proliferation in male mice. <i>Endocrinology</i> , 2014 , 155, 2102-11	4.8	25
38	GLP-1 signalling compensates for impaired insulin signalling in regulating beta cell proliferation in IRKO mice. <i>Diabetologia</i> , 2017 , 60, 1442-1453	10.3	22
37	Signaling between pancreatic β cells and macrophages via S100 calcium-binding protein A8 exacerbates β cell apoptosis and islet inflammation. <i>Journal of Biological Chemistry</i> , 2018 , 293, 5934-5946	5.4	21
36	β Cell proliferation after a partial pancreatectomy is independent of IRS-2 in mice. <i>Endocrinology</i> , 2014 , 155, 1643-52	4.8	20
35	Effects of liraglutide on β cell-specific glucokinase-deficient neonatal mice. <i>Endocrinology</i> , 2012 , 153, 3066-75	4.8	19
34	Compensatory Islet Response to Insulin Resistance Revealed by Quantitative Proteomics. <i>Journal of Proteome Research</i> , 2015 , 14, 3111-3122	5.6	14
33	DPP-4 inhibition improves early mortality, β cell function, and adipose tissue inflammation in db/db mice fed a diet containing sucrose and linoleic acid. <i>Diabetologia and Metabolic Syndrome</i> , 2016 , 8, 16	5.6	14
32	Effects of metformin on compensatory pancreatic β cell hyperplasia in mice fed a high-fat diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017 , 313, E367-E380	6	13

31	Nuclear Export of FoxO1 Is Associated with ERK Signaling in β Cells Lacking Insulin Receptors. <i>Journal of Biological Chemistry</i> , 2016 , 291, 21485-21495	5.4	13
30	IRS1 deficiency protects β cells against ER stress-induced apoptosis by modulating sXBP-1 stability and protein translation. <i>Scientific Reports</i> , 2016 , 6, 28177	4.9	13
29	Excessive Cellular Proliferation Negatively Impacts Reprogramming Efficiency of Human Fibroblasts. <i>Stem Cells Translational Medicine</i> , 2015 , 4, 1101-8	6.9	11
28	Luseogliflozin increases beta cell proliferation through humoral factors that activate an insulin receptor- and IGF-1 receptor-independent pathway. <i>Diabetologia</i> , 2020 , 63, 577-587	10.3	10
27	Loss-of-Function Mutation in Thiamine Transporter 1 in a Family With Autosomal Dominant Diabetes. <i>Diabetes</i> , 2019 , 68, 1084-1093	0.9	9
26	Pituitary abscess with panhypopituitarism showing T1 signal hyperintensity of the marginal pituitary area: a non-invasive differential diagnosis of pituitary abscess and pituitary apoplexy. <i>Internal Medicine</i> , 2009 , 48, 441-6	1.1	8
25	Identification of the matricellular protein Fibulin-5 as a target molecule of glucokinase-mediated calcineurin/NFAT signaling in pancreatic islets. <i>Scientific Reports</i> , 2017 , 7, 2364	4.9	7
24	Drug-induced hyperglycemia in the Japanese Adverse Drug Event Report database: association of evelolimus use with diabetes. <i>Endocrine Journal</i> , 2019 , 66, 571-574	2.9	6
23	Metabolic recovery of lipodystrophy, liver steatosis, and pancreatic β cell proliferation after the withdrawal of OSI-906. <i>Scientific Reports</i> , 2017 , 7, 4119	4.9	6
22	Forkhead box protein O1 (FoxO1) regulates hepatic serine protease inhibitor B1 (serpinB1) expression in a non-cell-autonomous fashion. <i>Journal of Biological Chemistry</i> , 2019 , 294, 1059-1069	5.4	6
21	Serum Quantitative Proteomic Analysis Reveals Soluble EGFR To Be a Marker of Insulin Resistance in Male Mice and Humans. <i>Endocrinology</i> , 2017 , 158, 4152-4164	4.8	5
20	Nuclear import of glucokinase in pancreatic beta-cells is mediated by a nuclear localization signal and modulated by SUMOylation. <i>Molecular and Cellular Endocrinology</i> , 2017 , 454, 146-157	4.4	5
19	A Randomized Controlled Trial of a Mini Low-Carbohydrate Diet and an Energy-Controlled Diet Among Japanese Patients With Type 2 Diabetes. <i>Journal of Clinical Medicine Research</i> , 2018 , 10, 182-188	2.9	5
18	Melanophilin Accelerates Insulin Granule Fusion without Predocking to the Plasma Membrane. <i>Diabetes</i> , 2020 , 69, 2655-2666	0.9	5
17	Association of the plasma xanthine oxidoreductase activity with the metabolic parameters and vascular complications in patients with type 2 diabetes. <i>Scientific Reports</i> , 2021 , 11, 3768	4.9	5
16	Pancreatic β cell fate in subjects with COVID-19. <i>Journal of Diabetes Investigation</i> , 2021 ,	3.9	4
15	Newer perspective on the coupling between glucose-mediated signaling and β cell functionality. <i>Endocrine Journal</i> , 2020 , 67, 1-8	2.9	3
14	Soluble EGFR, a hepatokine, and adiponectin, an adipokine, are biomarkers correlated with distinct aspects of insulin resistance in type 2 diabetes subjects. <i>Diabetologia and Metabolic Syndrome</i> , 2020 , 12, 83	5.6	3

13	Linagliptin Ameliorates Hepatic Steatosis via Non-Canonical Mechanisms in Mice Treated with a Dual Inhibitor of Insulin Receptor and IGF-1 Receptor. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
12	Imeglimin ameliorates β cell apoptosis by modulating the endoplasmic reticulum homeostasis pathway. <i>Diabetes</i> , 2021 ,	0.9	3
11	Insulin regulates arginine-stimulated insulin secretion in humans.. <i>Metabolism: Clinical and Experimental</i> , 2022 , 128, 155117	12.7	2
10	Leptin Receptor Signaling Regulates Protein Synthesis Pathways and Neuronal Differentiation in Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2020 , 15, 1067-1079	8	2
9	The Roles of the IGF Axis in the Regulation of the Metabolism: Interaction and Difference between Insulin Receptor Signaling and IGF-I Receptor Signaling. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
8	ERR α New Player in β Cell Maturation. <i>Cell Metabolism</i> , 2016 , 23, 765-7	24.6	2
7	Autosomal dominant diabetes associated with a novel ZYG11A mutation resulting in cell cycle arrest in beta-cells. <i>Molecular and Cellular Endocrinology</i> , 2021 , 522, 111126	4.4	2
6	Potential linkage between dipeptidyl peptidase-4 inhibitor use and the risk of pancreatitis/pancreatic cancer. <i>Journal of Diabetes Investigation</i> , 2020 , 11, 789-791	3.9	1
5	Translational research on human pancreatic β cell mass expansion for the treatment of diabetes. <i>Diabetology International</i> , 2021 , 12, 349-355	2.3	0
4	A case of an elderly patient with insulin-dependent diabetes and dementia receiving one basal insulin plus one bolus insulin injections a day for 6 months. <i>Diabetology International</i> , 2021 , 12, 135-139	2.3	
3	Asymptomatic meningitis diagnosed by positron emission tomography in a patient with syndrome of inappropriate antidiuretic hormone secretion: a case report. <i>Journal of Medical Case Reports</i> , 2021 , 15, 390	1.2	
2	Immediate Glucose-Lowering Effect After the First Administration of Dulaglutide: A Retrospective, Single-Center, Observational Study. <i>Diabetes Therapy</i> , 2021 , 12, 2873-2889	3.6	
1	Recent developments in Phos-tag electrophoresis for the analysis of phosphoproteins in proteomics.. <i>Expert Review of Proteomics</i> , 2022 , 1-12	4.2	