Yoshifumi Saisho

List of Publications by Year
in descending order

122	3,635	218677	149698
papers	citations	26 h-index	56 g-index

123	123	123	4959
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Î²-Cell Replication Is the Primary Mechanism Subserving the Postnatal Expansion of Î²-Cell Mass in Humans. Diabetes, 2008, 57, 1584-1594.	0.6	616
2	Metformin and Inflammation: Its Potential Beyond Glucose-lowering Effect. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2015, 15, 196-205.	1.2	336
3	Î²-Cell Mass and Turnover in Humans. Diabetes Care, 2013, 36, 111-117.	8.6	330
4	Î²-cell dysfunction: Its critical role in prevention and management of type 2 diabetes. World Journal of Diabetes, 2015, 6, 109.	3.5	173
5	Glycemic Variability and Oxidative Stress: A Link between Diabetes and Cardiovascular Disease?. International Journal of Molecular Sciences, 2014, 15, 18381-18406.	4.1	136
6	¹¹C-Dihydrotetrabenazine PET of the Pancreas in Subjects with Long-Standing Type 1 Diabetes and in Healthy Controls. Journal of Nuclear Medicine, 2009, 50, 382-389.	5.0	116
7	Relationship between pancreatic vesicular monoamine transporter 2 (VMAT2) and insulin expression in human pancreas. Journal of Molecular Histology, 2008, 39, 543-551.	2.2	80
8	Use of Diabetes Treatment Satisfaction Questionnaire in Diabetes Care: Importance of Patient-Reported Outcomes. International Journal of Environmental Research and Public Health, 2018, 15, 947.	2.6	78
9	Postprandial serum C-peptide to plasma glucose ratio as a predictor of subsequent insulin treatment in patients with type 2 diabetes. Endocrine Journal, 2011, 58, 315-322.	1.6	76
10	Postprandial C-Peptide to Glucose Ratio as a Marker of Î² Cell Function: Implication for the Management of Type 2 Diabetes. International Journal of Molecular Sciences, 2016, 17, 744.	4.1	63
11	Change in Î²-Cell Mass in Japanese Nondiabetic Obese Individuals. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 3724-3730.	3.6	57
12	Beta-Cell Mass in Obesity and Type 2 Diabetes, and Its Relation to Pancreas Fat: A Mini-Review. Nutrients, 2020, 12, 3846.	4.1	56
13	SGLT2 Inhibitors: The Star in the Treatment of Type 2 Diabetes?. Diseases (Basel, Switzerland), 2020, 8, 14.	2.5	56
14	Glycated albumin to glycated hemoglobin ratio reflects postprandial glucose excursion and relates to beta cell function in both type 1 and type 2 diabetes. Diabetology International, 2011, 2, 146-153.	1.4	53
15	Beta cell dysfunction and its clinical significance in gestational diabetes. Endocrine Journal, 2010, 57, 973-980.	1.6	50
16	Cardiorenal Protection: Potential of SGLT2 Inhibitors and GLP-1 Receptor Agonists in the Treatment of Type 2 Diabetes. Diabetes Therapy, 2019, 10, 1733-1752.	2.5	47
17	Importance of Beta Cell Function for the Treatment of Type 2 Diabetes. Journal of Clinical Medicine, 2014, 3, 923-943.	2.4	46
18	Effect of valsartan, an angiotensin II receptor blocker, on markers of oxidation and glycation in Japanese type 2 diabetic subjects: Blood pressure-independent effect of valsartan. Diabetes Research and Clinical Practice, 2006, 74, 201-203.	2.8	43

#	Article	IF	Citations
19	Pancreas Volume and Fat Deposition in Diabetes and Normal Physiology: Consideration of the Interplay Between Endocrine and Exocrine Pancreas. Review of Diabetic Studies, 2016, 13, 132-147.	1.3	43
20	Effects of Obesity and Diabetes on Î±- and Î²-Cell Mass in Surgically Resected Human Pancreas. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2874-2882.	3.6	41
21	Pneumonitis Induced by Ou-gon (Scullcap).. Internal Medicine, 2001, 40, 764-768.	0.7	39
22	Ongoing Î²-Cell Turnover in Adult Nonhuman Primates Is Not Adaptively Increased in Streptozotocin-Induced Diabetes. Diabetes, 2011, 60, 848-856.	0.6	35
23	Study on the mechanism causing elevation of serum CA19-9 levels in diabetic patients. Endocrine Journal, 2013, 60, 885-891.	1.6	34
24	Signaling between pancreatic Î² cells and macrophages via S100 calcium-binding protein A8 exacerbates Î²-cell apoptosis and islet inflammation. Journal of Biological Chemistry, 2018, 293, 5934-5946.	3.4	32
25	Clinical impact of women with gestational diabetes mellitus by the new consensus criteria: two year experience in a single institution in Japan. Endocrine Journal, 2014, 61, 353-358.	1.6	31
26	Relationships among different glycemic variability indices obtained by continuous glucose monitoring. Primary Care Diabetes, 2015, 9, 290-296.	1.8	29
27	Association between beta cell function and future glycemic control in patients with type 2 diabetes. Endocrine Journal, 2013, 60, 517-523.	1.6	28
28	Efficacy and Safety of Sitagliptin Added to Insulin in Japanese Patients with Type 2 Diabetes: The EDIT Randomized Trial. PLoS ONE, 2015, 10, e0121988.	2.5	26
29	Ethnic Similarities and Differences in the Relationship between Beta Cell Mass and Diabetes. Journal of Clinical Medicine, 2017, 6, 113.	2.4	26
30	Longitudinal association of fatty pancreas with the incidence of type-2 diabetes in lean individuals: a 6-year computed tomography-based cohort study. Journal of Gastroenterology, 2020, 55, 712-721.	5.1	26
31	Pancreas Fat and Î² Cell Mass in Humans With and Without Diabetes: An Analysis in the Japanese Population. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 3251-3260.	3.6	24
32	Effects of 12-Month Valsartan Therapy on Glycation and Oxidative Stress Markers in Type 2 Diabetic Subjects With Hypertension. International Heart Journal, 2008, 49, 681-689.	1.0	23
33	Dynamics of Î²-cell turnover: evidence for Î²-cell turnover and regeneration from sources of Î²-cells other than Î²-cell replication in the HIP rat. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E323-E330.	3.5	23
34	Efficacy and safety of liraglutide monotherapy compared with metformin in Japanese overweight/obese patients with type 2 diabetes. Endocrine Journal, 2015, 62, 399-409.	1.6	22
35	Association of common polymorphisms with gestational diabetes mellitus in Japanese women: A case-control study. Endocrine Journal, 2017, 64, 463-475.	1.6	21
36	Association between beta cell function and future glycemic control in patients with type 2 diabetes. Endocrine Journal, 2013, 60, 517-23.	1.6	21

#	Article	IF	Citations
37	Relationship between Stage of Diabetic Retinopathy and Pulse Wave Velocity in Japanese Patients with Type 2 Diabetes. Journal of Diabetes Research, 2013, 2013, 1-4.	2.3	19
38	Marked decline in beta cell function during pregnancy leads to the development of glucose intolerance in Japanese women. Endocrine Journal, 2013, 60, 533-539.	1.6	19
39	Factors associated with glycemic variability in Japanese patients with diabetes. Diabetology International, 2014, 5, 36-42.	1.4	19
40	Lower beta cell function relates to sustained higher glycated albumin to glycated hemoglobin ratio in Japanese patients with type 2 diabetes. Endocrine Journal, 2014, 61, 149-157.	1.6	19
41	Relationship between proinsulin-to-insulin ratio and advanced glycation endproducts in Japanese type 2 diabetic subjects. Diabetes Research and Clinical Practice, 2007, 78, 182-188.	2.8	18
42	Effect of obesity on declining beta cell function after diagnosis of type 2 diabetes: a possible link suggested by cross-sectional analysis. Endocrine Journal, 2012, 59, 187-195.	1.6	18
43	Incretin-based therapy and pancreatitis: accumulating evidence and unresolved questions. Annals of Translational Medicine, 2018, 6, 131-131.	1.7	18
44	Islet Number Rather Than Islet Size Is a Major Determinant of Î²- and Î±-Cell Mass in Humans. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 1733-1740.	3.6	17
45	Effects of Glucocorticoid Treatment on Î²- and Î±-Cell Mass in Japanese Adults With and Without Diabetes. Diabetes, 2015, 64, 2915-2927.	0.6	17
46	Prediction of recovery time from hypoglycemia in patients with insulin overdose. Endocrine Journal, 2011, 58, 607-611.	1.6	16
47	Postprandial serum C-peptide to plasma glucose ratio predicts future insulin therapy in Japanese patients with type 2 diabetes. Acta Diabetologica, 2013, 50, 987-988.	2.5	16
48	A new diagnostic strategy for gestational diabetes during the <scp>COVID</scp>â€19 pandemic for the Japanese population. Diabetes/Metabolism Research and Reviews, 2020, 36, e3351.	4.0	16
49	Insulin glulisine may ameliorate nocturnal hypoglycemia related to insulin antibody â€“ A case report. Diabetes Research and Clinical Practice, 2011, 94, e53-e54.	2.8	15
50	Time-dependent changes in insulin requirement for maternal glycemic control during antenatal corticosteroid therapy in women with gestational diabetes: a retrospective study. Endocrine Journal, 2016, 63, 101-104.	1.6	15
51	Association between severity of obstructive sleep apnea and glycated hemoglobin level in Japanese individuals with and without diabetes. Endocrine Journal, 2018, 65, 121-127.	1.6	15
52	Relationship between body mass index and pancreas volume in Japanese people. JOP: Journal of the Pancreas, 2014, 15, 626-7.	1.5	15
53	Effects of Mitiglinide, a Short-Acting Insulin Secretagogue, on Daily Glycemic Variability and Oxidative Stress Markers in Japanese Patients with Type 2 Diabetes Mellitus. Clinical Drug Investigation, 2013, 33, 563-570.	2.2	14
54	Dipeptidyl peptidase-4 inhibitors and angioedema: a class effect?. Diabetic Medicine, 2013, 30, e149-e150.	2.3	14

#	Article	IF	Citations
55	Alogliptin benzoate for management of type 2 diabetes. Vascular Health and Risk Management, 2015, 11, 229.	2.3	14
56	Effects of Liraglutide Monotherapy on Beta Cell Function and Pancreatic Enzymes Compared with Metformin in Japanese Overweight/Obese Patients with Type 2 Diabetes Mellitus: A Subpopulation Analysis of the KIND-LM Randomized Trial. Clinical Drug Investigation, 2015, 35, 675-684.	2.2	14
57	C-Reactive Protein, High-Molecular-Weight Adiponectin and Development of Metabolic Syndrome in the Japanese General Population: A Longitudinal Cohort Study. PLoS ONE, 2013, 8, e73430.	2.5	14
58	Marked decline in beta cell function during pregnancy leads to the development of glucose intolerance in Japanese women. Endocrine Journal, 2013, 60, 533-9.	1.6	14
59	Pancreatic Î²-cell function and fetal growth in gestational impaired glucose tolerance. Acta Obstetricia Et Gynecologica Scandinavica, 2010, 89, 769-775.	2.8	13
60	Antenatal management of recurrent fetal goitrous hyperthyroidism associated with fetal cardiac failure in a pregnant woman with persistent high levels of thyroid-stimulating hormone receptor antibody after ablative therapy. Endocrine Journal, 2013, 60, 1281-1287.	1.6	13
61	Changing the Concept of Type 2 Diabetes: Beta Cell Workload Hypothesis Revisited. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2019, 19, 121-127.	1.2	13
62	Relationship between daily and visit-to-visit glycemic variability in patients with type 2 diabetes. Endocrine Journal, 2020, 67, 877-881.	1.6	13
63	An emerging new concept for the management of type 2 diabetes with a paradigm shift from the glucose-centric to beta cell-centric concept of diabetes - an Asian perspective. Expert Opinion on Pharmacotherapy, 2020, 21, 1565-1577.	1.8	13
64	Reduced beta cell number rather than size is a major contributor to beta cell loss in type 2 diabetes. Diabetologia, 2021, 64, 1816-1821.	6.3	13
65	Pancreatic Fat Content and Î²-Cell Function in Men With and Without Type 2 Diabetes. Diabetes Care, 2008, 31, e38-e38.	8.6	12
66	Development of factors to convert frequency to rate for Î²-cell replication and apoptosis quantified by time-lapse video microscopy and immunohistochemistry. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E89-E96.	3.5	12
67	Past Obesity as well as Present Body Weight Status Is a Risk Factor for Diabetic Nephropathy. International Journal of Endocrinology, 2013, 2013, 1-5.	1.5	12
68	Associations of birthweight and history of childhood obesity with beta cell mass in Japanese adults. Diabetologia, 2020, 63, 1199-1210.	6.3	12
69	Glycemic and metabolic features in gestational diabetes: singleton <i>versus</i> twin pregnancies. Endocrine Journal, 2019, 66, 647-651.	1.6	11
70	Association of glucose tolerance status with pancreatic Î²â€•and Î±â€•cell mass in communityâ€•based autopsy samples of Japanese individuals: The Hisayama Study. Journal of Diabetes Investigation, 2020, 11, 1197-1206.	2.4	11
71	Inverse Association Between Fatty Liver at Baseline Ultrasonography and Remission of Type 2 Diabetes Over a 2-Year Follow-up Period. Clinical Gastroenterology and Hepatology, 2021, 19, 556-564.e5.	4.4	11
72	Association of visitâ€toâ€visit glycemic variability with risk of cardiovascular diseases in highâ€risk Japanese patients with type 2 diabetes: A subanalysis of the EMPATHY trial. Journal of Diabetes Investigation, 2021, 12, 2190-2196.	2.4	11

#	Article	IF	Citations
73	Obesity, Type 2 Diabetes and Beta Cell Failure: An Asian Perspective. Journal of Molecular and Genetic Medicine: an International Journal of Biomedical Research, 2014, s1, .	0.1	10
74	Pancreas Volume With Obesity in Asians. Pancreas, 2014, 43, 657-659.	1.1	10
75	Pancreatic alpha-cell mass across adult human lifespan. European Journal of Endocrinology, 2020, 182, 219-231.	3.7	9
76	Combination of C-reactive Protein and High Molecular Weight (HMW)-Adiponectin Reflects Further Metabolic Abnormalities Compared with Each of Them Alone in Japanese Type 2 Diabetic Subjects. Endocrine Journal, 2008, 55, 331-338.	1.6	8
77	Association of Maternal Factors with Perinatal Complications in Pregnancies Complicated with Diabetes: A Single-Center Retrospective Analysis. Journal of Clinical Medicine, 2018, 7, 5.	2.4	8
78	Clinical and genetic characteristics of abnormal glucose tolerance in Japanese women in the first year after gestational diabetes mellitus. Journal of Diabetes Investigation, 2019, 10, 817-826.	2.4	8
79	Effect of single tablet of fixed-dose amlodipine and atorvastatin on blood pressure/lipid control, oxidative stress, and medication adherence in type 2 diabetic patients. Diabetology and Metabolic Syndrome, 2014, 6, 56.	2.7	7
80	C-peptide immunoreactivity index is associated with improvement of HbA1c: 2-Year follow-up of sitagliptin use in patients with type 2 diabetes. Diabetes Research and Clinical Practice, 2015, 108, 441-447.	2.8	7
81	Difference of seasonal variation between glycated albumin and glycated haemoglobin. Annals of Clinical Biochemistry, 2018, 55, 583-587.	1.6	7
82	Revisiting Regulators of Human Î²-cell Mass to Achieve Î²-cellâ€“centric Approach Toward Type 2 Diabetes. Journal of the Endocrine Society, 2021, 5, bvab128.	0.2	7
83	Response to Comment on: Saisho et al. Î²-Cell Mass and Turnover in Humans: Effects of Obesity and Aging. Diabetes Care 2013;36:111â€“117. Diabetes Care, 2013, 36, e112-e112.	8.6	6
84	Lower serum total bilirubin concentration is associated with higher prevalence of gestational diabetes mellitus in Japanese pregnant women. Endocrine Journal, 2018, 65, 1199-1208.	1.6	6
85	DNA methylation analysis of cord blood samples in neonates born to gestational diabetes mothers diagnosed before 24 gestational weeks. BMJ Open Diabetes Research and Care, 2022, 10, e002539.	2.8	6
86	Antepartum Oral Disposition Index as a Predictor of Glucose Intolerance Postpartum. Diabetes Care, 2012, 35, e32-e32.	8.6	5
87	Inhibition of NO-induced Î²-cell death by novel NF-ÎºB inhibitor (â€²)-DHMEQ via activation of Nrf2â€“ARE pathway. Biochemical and Biophysical Research Communications, 2013, 433, 181-187.	2.1	5
88	Efficacy and safety of onceâ€weekly exenatide after switching from twiceâ€daily exenatide in patients with typeÂ2 diabetes. Journal of Diabetes Investigation, 2020, 11, 382-388.	2.4	5
89	Epigenetic Changes in Neonates Born to Mothers With Gestational Diabetes Mellitus May Be Associated With Neonatal Hypoglycaemia. Frontiers in Endocrinology, 2021, 12, 690648.	3.5	5
90	Usefulness of C-Reactive Protein to High-Molecular-Weight Adiponectin Ratio to Predict Insulin Resistance and Metabolic Syndrome in Japanese Men. Journal of Atherosclerosis and Thrombosis, 2010, 17, 944-952.	2.0	5

#	Article	IF	Citations
91	Effects of DHMEQ, a Novel Nuclear Factor-.KAPPA.B Inhibitor, on Beta Cell Dysfunction in INS-1 Cells. Endocrine Journal, 2008, 55, 433-438.	1.6	4
92	Effects of Olmesartan Medoxomil, an Angiotensin II Type 1 Receptor Antagonist, on Plasma Concentration of B-Type Natriuretic Peptide, in Hypertensive Patients with Type 2 Diabetes Mellitus. Clinical Drug Investigation, 2011, 31, 237-245.	2.2	4
93	A Reduction of HbA1c after 3 Months Predicts 2-year Responsiveness to Sitagliptin Treatment. Internal Medicine, 2015, 54, 2981-2989.	0.7	4
94	Usefulness of hemoglobin A1c and glycated albumin measurements for insulinoma screening: an observational case-control study. BMC Cancer, 2019, 19, 174.	2.6	4
95	Serum C-peptide to plasma glucose ratio may be associated with efficacy of vildagliptin in Japanese patients with type 2 diabetes mellitus. Diabetology International, 2015, 6, 197-205.	1.4	3
96	Management of Dyslipidemia in Type 2 Diabetes: Recent Advances in Nonstatin Treatment. Diseases (Basel, Switzerland), 2018, 6, 44.	2.5	3
97	Usefulness of the index calculated as the product of levels of fasting plasma glucose and hemoglobin A1c for insulinoma screening. Endocrine Journal, 2020, 67, 509-513.	1.6	3
98	Predictors of later insulin therapy for gestational diabetes diagnosed in early pregnancy. Endocrine Journal, 2021, 68, 1321-1328.	1.6	3
99	Changes in glycemic variability, gastric emptying and vascular endothelial function after switching from twice-daily to once-weekly exenatide in patients with type 2 diabetes: a subpopulation analysis of the twin-exenatide study. BMC Endocrine Disorders, 2022, 22, 20.	2.2	3
100	The pancreas in humans with and without diabetes. Diabetologia, 2016, 59, 868-869.	6.3	2
101	Impaired early phase insulin secretion associated with gestational diabetes mellitus in underweight women. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 2411-2413.	1.5	2
102	Prevention of beta cell â€œkaroshiâ€• a new paradigm for prevention and management of type 2 diabetes. Medical Research Archives, 2016, 4, .	0.2	2
103	Relationship between periodontal disease and diabetic complications. Journal of Japanese Society of Periodontology, 2013, 54, 336-345.	0.1	2
104	Exenatide Once Weekly for Management of Type 2 Diabetes: A Review. Clinical Pharmacology: Advances and Applications, 2022, Volume 14, 19-26.	1.2	2
105	Two Cases in which an Abnormal Hemoglobin (Hb Kamakura) was Identified on the Basis of an Abnormally Low Glycohemoglobin Levels. Internal Medicine, 2003, 42, 595-598.	0.7	1
106	Reply to Dr. Retnakaran. Endocrine Journal, 2010, 57, 1009-1010.	1.6	1
107	New strategy for diagnosing abnormal glucose tolerance before 24 gestational weeks during the coronavirus disease 2019 pandemic. Journal of Diabetes Investigation, 2021, 12, 2104-2105.	2.4	1
108	Clinical utility of 1â€•month postpartum random plasma glucose and glycated hemoglobin combined with preâ€•pregnancy body mass index for detecting postpartum glucose intolerance in Japanese women with gestational diabetes. Journal of Diabetes Investigation, 2021, , .	2.4	1

#	Article	IF	Citations
109	Predicting non-insulin-dependent state in patients with slowly progressive insulin-dependent (type 1) diabetes mellitus or latent autoimmune diabetes in adults. Diabetologia, 2022, 65, 250-251.	6.3	1
110	Relationship between indices of daily glycemic variability and long-term glucose fluctuations. Diabetes Research and Clinical Practice, 2016, 120, S121.	2.8	0
111	OS 33-07 LOW SERUM ALBUMIN CONCENTRATION IN HYPERTENSIVE PATIENTS COMPLICATED BY TYPE 2 DIABETES IS ASSOCIATED WITH MICROVASCULAR COMPLICATIONS. Journal of Hypertension, 2016, 34, e394-e395.	0.5	0
112	PS 11-42 HIGH SYSTOLIC BLOOD PRESSURE AND LOW SERUM BILIRUBIN CONCENTRATION IN TYPE 2 DIABETES ARE ASSOCIATED WITH DIABETIC RETINOPATHY. Journal of Hypertension, 2016, 34, e345.	0.5	0
113	A13875 Relationships among long-term blood glucose and blood pressure fluctuation and complications. Journal of Hypertension, 2018, 36, e215.	0.5	0
114	A12656 Hypertension and hypobilirubinemia are risk factors for microvascular complications in hypertensive patients complicated by type 2 diabetes. Journal of Hypertension, 2018, 36, e213.	0.5	0
115	Efficacy and safety of switching to insulin glargine 300 U/mL from 100 U/mL in Japanese patients with type 2 diabetes: AÂ12-month retrospective analysis. Heliyon, 2019, 5, e01257.	3.2	0
116	RELATIONSHIP BETWEEN SERUM TOTAL BILIRUBIN CONCENTRATION AND MACROVASCULAR COMPLICATIONS IN PATIENTS WITH TYPE 2 DIABETES MELLITUS. Journal of Hypertension, 2021, 39, e208.	0.5	0
117	Maternally Inherited Diabetes and Deafness (MIDD) with Undetectable CPeptide Level and Cerebellar Atrophy. Journal of Clinical Case Reports, 2014, 04, .	0.0	0
118	Investigation of serum antibody titers for periodontopathic bacteria in diabetic patients. Journal of Japanese Society of Periodontology, 2015, 56, 414-422.	0.1	0
119	Effects of Obesity and Diabetes on Beta-Cell Mass in Japanese. Pancreas (Fairfax, Va), 2016, 1, e11-e13.	1.5	0
120	Efficiency and Safety of New Insulin Infusion Protocol for Japanese Patients After Open-Heart Surgery. , 2018, 1, .		0
121	Comprehensive study on human pancreatic Î²-cell regulatory mechanism. Impact, 2019, 2019, 38-40.	0.1	0
122	DPP-4 inhibitors and beta cell mass in Japanese adults with type 2 diabetes. Endocrine Practice, 2022, , .	2.1	0