Yusuke Seino

List of Publications by Year
in descending order

36 papers	669 citations	471509 17 h-index	580821 25 g-index
36 all docs	36 docs citations	36 times ranked	1140 citing authors

#	Article	IF	Citations
1	Isx Participates in the Maintenance of Vitamin A Metabolism by Regulation of Î²-Carotene 15,15â€²-Monooxygenase (Bcmo1) Expression. Journal of Biological Chemistry, 2008, 283, 4905-4911.	3.4	77
2	Remodeling of Hepatic Metabolism and Hyperaminoacidemia in Mice Deficient in Proglucagon-Derived Peptides. Diabetes, 2012, 61, 74-84.	0.6	52
3	Cephalic phase insulin secretion is KATP channel independent. Journal of Endocrinology, 2013, 218, 25-33.	2.6	48
4	Regulation of amino acid metabolism and Î±â€cell proliferation by glucagon. Journal of Diabetes Investigation, 2018, 9, 464-472.	2.4	41
5	Ingestion of a moderate highâ€sucrose diet results in glucose intolerance with reduced liver glucokinase activity and impaired glucagonâ€like peptideâ€1 secretion. Journal of Diabetes Investigation, 2012, 3, 432-440.	2.4	40
6	Chronic high-sucrose diet increases fibroblast growth factor 21 production and energy expenditure in mice. Journal of Nutritional Biochemistry, 2017, 49, 71-79.	4.2	37
7	Effects of lowering ambient temperature on pain-related behaviors in a rat model of neuropathic pain. Experimental Brain Research, 2000, 133, 442-449.	1.5	35
8	KATP channel as well as SGLT1 participates in GIP secretion in the diabetic state. Journal of Endocrinology, 2014, 222, 191-200.	2.6	35
9	TDP-43 regulates early-phase insulin secretion via CaV1.2-mediated exocytosis in islets. Journal of Clinical Investigation, 2019, 129, 3578-3593.	8.2	32
10	Carbohydrateâ€induced secretion of glucoseâ€dependent insulinotropic polypeptide and glucagonâ€like peptideâ€1. Journal of Diabetes Investigation, 2016, 7, 27-32.	2.4	31
11	Ectopic Expression of GIP in Pancreatic Î²-Cells Maintains Enhanced Insulin Secretion in Mice With Complete Absence of Proglucagon-Derived Peptides. Diabetes, 2013, 62, 510-518.	0.6	26
12	Effects of <scp>DPP</scp>â€4 inhibitor linagliptin and <scp>GLP</scp>â€1 receptor agonist liraglutide on physiological response to hypoglycaemia in Japanese subjects with type 2 diabetes: A randomized, openâ€label, 2â€arm parallel comparative, exploratory trial. Diabetes, Obesity and Metabolism, 2017, 19, 442-447.	4.4	23
13	Incretin concept revised: The origin of the insulinotropic function of glucagonâ€like peptideâ€1 â€“ the gut, the islets or both?. Journal of Diabetes Investigation, 2018, 9, 21-24.	2.4	20
14	Retrospective analysis of liraglutide and basal insulin combination therapy in Japanese type 2 diabetes patients: The association between remaining Î²â€cell function and the achievement of the glycated hemoglobin target 1 year after initiation. Journal of Diabetes Investigation, 2018, 9, 822-830.	2.4	20
15	Fructose induces glucoseâ€dependent insulinotropic polypeptide, glucagonâ€like peptideâ€1 and insulin secretion: Role of adenosine triphosphateâ€sensitive K + channels. Journal of Diabetes Investigation, 2015, 6, 522-526.	2.4	19
16	Effect of hyperglycemia on hepatocellular carcinoma development inÂdiabetes. Biochemical and Biophysical Research Communications, 2015, 463, 344-350.	2.1	19
17	Glucose-dependent insulinotropic polypeptide is required for moderate high-fat diet- but not high-carbohydrate diet-induced weight gain. American Journal of Physiology - Endocrinology and Metabolism, 2018, 314, E572-E583.	3.5	17
18	Endogenous GIP ameliorates impairment of insulin secretion in proglucagon-deficient mice under moderate beta cell damage induced by streptozotocin. Diabetologia, 2016, 59, 1533-1541.	6.3	15

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19	Relationship between deterioration of glycated hemoglobinâ€lowering effects in dipeptidyl peptidaseâ€4 inhibitor monotherapy and dietary habits: Retrospective analysis of Japanese individuals with type 2 diabetes. Journal of Diabetes Investigation, 2018, 9, 1153-1158.	2.4	14
20	Effects of glucagonâ€like peptideâ€1 receptor agonists on secretions of insulin and glucagon and gastric emptying in Japanese individuals with type 2 diabetes: A prospective, observational study. Journal of Diabetes Investigation, 2021, 12, 2162-2171.	2.4	12
21	Functional adenosine triphosphateâ€sensitive potassium channel is required in highâ€carbohydrate dietâ€induced increase in Î²â€cell mass. Journal of Diabetes Investigation, 2019, 10, 238-250.	2.4	7
22	Low-carbohydrate diet by staple change attenuates postprandial GIP and CPR levels in type 2 diabetes patients. Journal of Diabetes and Its Complications, 2019, 33, 107415.	2.3	6
23	Dietary recommendations for typeÂ2 diabetes patients: Lessons from recent clinical and basic research in Asia. Journal of Diabetes Investigation, 2019, 10, 1405-1407.	2.4	6
24	Short-Term High-Starch, Low-Protein Diet Induces Reversible Increase in Î²-cell Mass Independent of Body Weight Gain in Mice. Nutrients, 2019, 11, 1045.	4.1	5
25	High Protein Diet Feeding Aggravates Hyperaminoacidemia in Mice Deficient in Proglucagon-Derived Peptides. Nutrients, 2022, 14, 975.	4.1	5
26	Roles of <scp>glucoseâ€dependent</scp> insulinotropic polypeptide in <scp>dietâ€induced</scp> obesity. Journal of Diabetes Investigation, 2022, 13, 1122-1128.	2.4	5
27	Vasopressin escape and memory impairment in a model of chronic syndrome of inappropriate secretion of antidiuretic hormone in mice. Endocrine Journal, 2021, 68, 31-43.	1.6	4
28	Risedronate Attenuates Podocyte Injury in Phosphate Transporter-Overexpressing Rats. International Journal of Endocrinology, 2019, 2019, 1-10.	1.5	3
29	Tumorâ€like features of gene expression and metabolic profiles in enlarged pancreatic islets are associated with impaired incretinâ€induced insulin secretion in obese diabetes: A study of Zucker fatty diabetes mellitus rat. Journal of Diabetes Investigation, 2020, 11, 1434-1447.	2.4	3
30	Glucokinase is required for highâ€starch dietâ€induced Î²â€cell mass expansion in mice. Journal of Diabetes Investigation, 2021, 12, 1545-1554.	2.4	3
31	Reply to the comment of Wilbrink etÂal. on Retrospective analysis of liraglutide and basal insulin combination therapy in Japanese type 2 diabetes: The association between remaining Î²â€cell function and the achievement of the HbA1c target 1Âyear after initiation. Journal of Diabetes Investigation, 2018, 9, 981-983.	2.4	2
32	Carbohydrateâ€induced weight gain models for diabetes research: Contribution of incretins and parasympathetic signal. Journal of Diabetes Investigation, 2021, 12, 3-5.	2.4	2
33	Terminal differentiation of keratinocytes was damaged in type 2 diabetic mice. Molecular Biology Reports, 2022, 49, 5875-5882.	2.3	2
34	Nutritional control of thyroid morphogenesis through gastrointestinal hormones. Current Biology, 2022, 32, 1485-1496.e4.	3.9	2
35	Eating whole fruit, not drinking fruit juice, may reduce the risk of type 2 diabetes mellitus. Journal of Diabetes Investigation, 2021, 12, 1759-1761.	2.4	1
36	Effects of physicianâ€™s diabetes selfâ€management education using Japan Association of Diabetes Education and Care Diabetes Education Card System Program and a selfâ€monitoring of blood glucose readings analyzer in individuals with type 2 diabetes: An exploratory, openâ€labeled, prospective randomized clinical trial. Journal of Diabetes Investigation, 2021, , .	2.4	0