

Nobuya Inagaki

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392
papers

13,521
citations

58
h-index

101
g-index

416
ext. papers

15,360
ext. citations

4.8
avg, IF

6.19
L-index

#	Paper	IF	Citations
392	Report of the committee on the classification and diagnostic criteria of diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2010 , 1, 212-28	3.9	953
391	A family of sulfonylurea receptors determines the pharmacological properties of ATP-sensitive K ⁺ channels. <i>Neuron</i> , 1996 , 16, 1011-7	13.9	865
390	Over-expression of facilitative glucose transporter genes in human cancer. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 170, 223-30	3.4	388
389	Cloning and functional characterization of a novel ATP-sensitive potassium channel ubiquitously expressed in rat tissues, including pancreatic islets, pituitary, skeletal muscle, and heart. <i>Journal of Biological Chemistry</i> , 1995 , 270, 5691-4	5.4	319
388	Protective role of ATP-sensitive potassium channels in hypoxia-induced generalized seizure. <i>Science</i> , 2001 , 292, 1543-6	33.3	287
387	Report of the Committee on the classification and diagnostic criteria of diabetes mellitus. <i>Diabetology International</i> , 2010 , 1, 2-20	2.3	243
386	Proposal for new diagnostic criteria for low skeletal muscle mass based on computed tomography imaging in Asian adults. <i>Nutrition</i> , 2016 , 32, 1200-5	4.8	238
385	ABCA3 is a lamellar body membrane protein in human lung alveolar type II cells. <i>FEBS Letters</i> , 2001 , 508, 221-5	3.8	218
384	The murine glucagon-like peptide-1 receptor is essential for control of bone resorption. <i>Endocrinology</i> , 2008 , 149, 574-9	4.8	214
383	Subunit stoichiometry of the pancreatic beta-cell ATP-sensitive K ⁺ channel. <i>FEBS Letters</i> , 1997 , 409, 232-36	5.8	207
382	ABCA3 as a lipid transporter in pulmonary surfactant biogenesis. <i>Journal of Biological Chemistry</i> , 2007 , 282, 9628-9634	5.4	170
381	Impact of quality as well as quantity of skeletal muscle on outcomes after liver transplantation. <i>Liver Transplantation</i> , 2014 , 20, 1413-9	4.5	154
380	A real-time method of imaging glucose uptake in single, living mammalian cells. <i>Nature Protocols</i> , 2007 , 2, 753-62	18.8	148
379	Measurement of glucose uptake and intracellular calcium concentration in single, living pancreatic beta-cells. <i>Journal of Biological Chemistry</i> , 2000 , 275, 22278-83	5.4	147
378	Effect of an intensified multifactorial intervention on cardiovascular outcomes and mortality in type 2 diabetes (J-DOIT3): an open-label, randomised controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2017 , 5, 951-964	18.1	141
377	Evidence-informed clinical practice recommendations for treatment of type 1 diabetes complicated by problematic hypoglycemia. <i>Diabetes Care</i> , 2015 , 38, 1016-29	14.6	139
376	MgADP antagonism to Mg ²⁺ -independent ATP binding of the sulfonylurea receptor SUR1. <i>Journal of Biological Chemistry</i> , 1997 , 272, 22983-6	5.4	134

375	Kir6.1: a possible subunit of ATP-sensitive K ⁺ channels in mitochondria. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 241, 693-7	3.4	131
374	Specific interaction of the potassium channel beta-subunit minK with the sarcomeric protein T-cap suggests a T-tubule-myofibril linking system. <i>Journal of Molecular Biology</i> , 2001 , 313, 775-84	6.5	128
373	Neuroprotection by KATP channels. <i>Journal of Molecular and Cellular Cardiology</i> , 2005 , 38, 945-9	5.8	119
372	Chronic reduction of GIP secretion alleviates obesity and insulin resistance under high-fat diet conditions. <i>Diabetes</i> , 2014 , 63, 2332-43	0.9	118
371	Localization of mouse mitochondrial SIRT proteins: shift of SIRT3 to nucleus by co-expression with SIRT5. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 366, 174-9	3.4	117
370	Renal sodium glucose cotransporter 2 inhibitors as a novel therapeutic approach to treatment of type 2 diabetes: Clinical data and mechanism of action. <i>Journal of Diabetes Investigation</i> , 2014 , 5, 265-75 ^{3.9}		111
369	The C42R mutation in the Kir6.2 (KCNJ11) gene as a cause of transient neonatal diabetes, childhood diabetes, or later-onset, apparently type 2 diabetes mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 3174-8	5.6	99
368	Characterization and classification of ATP-binding cassette transporter ABCA3 mutants in fatal surfactant deficiency. <i>Journal of Biological Chemistry</i> , 2006 , 281, 34503-14	5.4	97
367	Glutamate acts as a key signal linking glucose metabolism to incretin/cAMP action to amplify insulin secretion. <i>Cell Reports</i> , 2014 , 9, 661-73	10.6	94
366	Efficacy and safety of canagliflozin monotherapy in Japanese patients with type 2 diabetes inadequately controlled with diet and exercise: a 24-week, randomized, double-blind, placebo-controlled, Phase III study. <i>Expert Opinion on Pharmacotherapy</i> , 2014 , 15, 1501-15	4	93
365	PACAP and its receptors exert pleiotropic effects in the nervous system by activating multiple signaling pathways. <i>Current Protein and Peptide Science</i> , 2002 , 3, 423-39	2.8	89
364	Cloning and pharmacological characterization of a fourth P2X receptor subtype widely expressed in brain and peripheral tissues including various endocrine tissues. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 220, 196-202	3.4	87
363	Clinical Features of Nivolumab-Induced Thyroiditis: A Case Series Study. <i>Thyroid</i> , 2017 , 27, 894-901	6.2	86
362	Tissue distribution and species difference of the brain type glucose transporter (GLUT3). <i>Biochemical and Biophysical Research Communications</i> , 1991 , 174, 470-7	3.4	83
361	Disruption of TBP-2 ameliorates insulin sensitivity and secretion without affecting obesity. <i>Nature Communications</i> , 2010 , 1, 127	17.4	82
360	Prevalence of Cardiovascular Disease and Its Risk Factors in Primary Aldosteronism: A Multicenter Study in Japan. <i>Hypertension</i> , 2018 , 71, 530-537	8.5	81
359	Overexpression of SIRT5 confirms its involvement in deacetylation and activation of carbamoyl phosphate synthetase 1. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 393, 73-8	3.4	81
358	CLC-3B, a novel CLC-3 splicing variant that interacts with EBP50 and facilitates expression of CFTR-regulated ORCC. <i>FASEB Journal</i> , 2002 , 16, 863-5	0.9	80

357	Free fatty acid receptor GPR120 is highly expressed in enteroendocrine K cells of the upper small intestine and has a critical role in GIP secretion after fat ingestion. <i>Endocrinology</i> , 2015 , 156, 837-46	4.8	79
356	Beneficial effects of exendin-4 on experimental polyneuropathy in diabetic mice. <i>Diabetes</i> , 2011 , 60, 2397-406	0.9	78
355	Causes of death in Japanese patients with diabetes based on the results of a survey of 45,708 cases during 2001-2010: Report of the Committee on Causes of Death in Diabetes Mellitus. <i>Journal of Diabetes Investigation</i> , 2017 , 8, 397-410	3.9	76
354	Factors Affecting Canagliflozin-Induced Transient Urine Volume Increase in Patients with Type 2 Diabetes Mellitus. <i>Advances in Therapy</i> , 2017 , 34, 436-451	4.1	76
353	Exendin-4 suppresses SRC activation and reactive oxygen species production in diabetic Goto-Kakizaki rat islets in an Epac-dependent manner. <i>Diabetes</i> , 2011 , 60, 218-26	0.9	76
352	Little enhancement of meal-induced glucagon-like peptide 1 secretion in Japanese: Comparison of type 2 diabetes patients and healthy controls. <i>Journal of Diabetes Investigation</i> , 2010 , 1, 56-9	3.9	74
351	Atp-binding cassette transporter ABC2/ABCA2 in the rat brain: a novel mammalian lysosome-associated membrane protein and a specific marker for oligodendrocytes but not for myelin sheaths. <i>Journal of Neuroscience</i> , 2001 , 21, 849-57	6.6	72
350	cDNA sequence, gene structure, and chromosomal localization of the human ATP-sensitive potassium channel, uKATP-1, gene (KCNJ8). <i>Genomics</i> , 1995 , 30, 102-4	4.3	72
349	Noc2, a putative zinc finger protein involved in exocytosis in endocrine cells. <i>Journal of Biological Chemistry</i> , 1997 , 272, 29407-10	5.4	69
348	Analysis of factors influencing pancreatic beta-cell function in Japanese patients with type 2 diabetes: association with body mass index and duration of diabetic exposure. <i>Diabetes Research and Clinical Practice</i> , 2008 , 82, 353-8	7.4	68
347	Molecular and cellular characteristics of ABCA3 mutations associated with diffuse parenchymal lung diseases in children. <i>Human Molecular Genetics</i> , 2012 , 21, 765-75	5.6	67
346	An autocrine/paracrine loop linking keratin 14 aggregates to tumor necrosis factor alpha-mediated cytotoxicity in a keratinocyte model of epidermolysis bullosa simplex. <i>Journal of Biological Chemistry</i> , 2004 , 279, 7296-303	5.4	66
345	Once-weekly trelagliptin versus daily alogliptin in Japanese patients with type 2 diabetes: a randomised, double-blind, phase 3, non-inferiority study. <i>Lancet Diabetes and Endocrinology</i> , 2015 , 3, 191-7	18.1	65
344	Human ABCA3, a product of a responsible gene for abca3 for fatal surfactant deficiency in newborns, exhibits unique ATP hydrolysis activity and generates intracellular multilamellar vesicles. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 324, 262-8	3.4	65
343	Gastric inhibitory polypeptide: structure and chromosomal localization of the human gene. <i>Molecular Endocrinology</i> , 1989 , 3, 1014-21		65
342	Efficacy and safety profile of exenatide once weekly compared with insulin once daily in Japanese patients with type 2 diabetes treated with oral antidiabetes drug(s): results from a 26-week, randomized, open-label, parallel-group, multicenter, noninferiority study. <i>Clinical Therapeutics</i> , 2012 , 34, 1033-44	3.5	63
341	Transcriptional regulatory factor X6 (Rfx6) increases gastric inhibitory polypeptide (GIP) expression in enteroendocrine K-cells and is involved in GIP hypersecretion in high fat diet-induced obesity. <i>Journal of Biological Chemistry</i> , 2013 , 288, 1929-38	5.4	62
340	ABC transporter A3 facilitates lysosomal sequestration of imatinib and modulates susceptibility of chronic myeloid leukemia cell lines to this drug. <i>Haematologica</i> , 2009 , 94, 1528-36	6.6	62

339	SUIT, secretory units of islets in transplantation: An index for therapeutic management of islet transplanted patients and its application to type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2006 , 74, 222-6	7.4	61
338	GLP-1 receptor antagonist as a potential probe for pancreatic beta-cell imaging. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 389, 523-6	3.4	60
337	Curcumin inhibits glucose production in isolated mice hepatocytes. <i>Diabetes Research and Clinical Practice</i> , 2008 , 80, 185-91	7.4	60
336	Empagliflozin monotherapy in Japanese patients with type 2 diabetes mellitus: a randomized, 12-week, double-blind, placebo-controlled, phase II trial. <i>Advances in Therapy</i> , 2014 , 31, 621-38	4.1	59
335	Aberrant catalytic cycle and impaired lipid transport into intracellular vesicles in ABCA3 mutants associated with nonfatal pediatric interstitial lung disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008 , 295, L698-707	5.8	59
334	ABCA3-mediated choline-phospholipids uptake into intracellular vesicles in A549 cells. <i>FEBS Letters</i> , 2007 , 581, 3139-44	3.8	58
333	Heterozygous RFX6 protein truncating variants are associated with MODY with reduced penetrance. <i>Nature Communications</i> , 2017 , 8, 888	17.4	57
332	Effects of pretransplant sarcopenia and sequential changes in sarcopenic parameters after living donor liver transplantation. <i>Nutrition</i> , 2017 , 33, 195-198	4.8	57
331	Sulfonylurea and glinide reduce insulin content, functional expression of K(ATP) channels, and accelerate apoptotic beta-cell death in the chronic phase. <i>Diabetes Research and Clinical Practice</i> , 2007 , 77, 343-50	7.4	56
330	Efficacy and safety of canagliflozin alone or as add-on to other oral antihyperglycemic drugs in Japanese patients with type 2 diabetes: A 52-week open-label study. <i>Journal of Diabetes Investigation</i> , 2015 , 6, 210-8	3.9	55
329	Comparison of incretin immunoassays with or without plasma extraction: Incretin secretion in Japanese patients with type 2 diabetes. <i>Journal of Diabetes Investigation</i> , 2012 , 3, 70-9	3.9	55
328	Incidence, features, and prognosis of immune-related adverse events involving the thyroid gland induced by nivolumab. <i>PLoS ONE</i> , 2019 , 14, e0216954	3.7	53
327	Role of sodium-glucose transporters in glucose uptake of the intestine and kidney. <i>Journal of Diabetes Investigation</i> , 2012 , 3, 352-3	3.9	53
326	A novel GIP receptor splice variant influences GIP sensitivity of pancreatic beta-cells in obese mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008 , 294, E61-8	6	53
325	Effects of canagliflozin, an SGLT2 inhibitor, on hepatic function in Japanese patients with type 2 diabetes mellitus: pooled and subgroup analyses of clinical trials. <i>Journal of Gastroenterology</i> , 2018 , 53, 140-151	6.9	51
324	Dysregulated glycolysis as an oncogenic event. <i>Cellular and Molecular Life Sciences</i> , 2015 , 72, 1881-92	10.3	51
323	Inhibition of GIP signaling modulates adiponectin levels under high-fat diet in mice. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 376, 21-5	3.4	51
322	Effects of thorough mastication on postprandial plasma glucose concentrations in nonobese Japanese subjects. <i>Metabolism: Clinical and Experimental</i> , 2005 , 54, 1593-9	12.7	51

321	Somatostatin receptor subtype SSTR2 mediates the inhibition of high-voltage-activated calcium channels by somatostatin and its analogue SMS 201-995. <i>FEBS Letters</i> , 1994 , 355, 117-20	3.8	51
320	Inhibition of Gastric Inhibitory Polypeptide Receptor Signaling in Adipose Tissue Reduces Insulin Resistance and Hepatic Steatosis in High-Fat Diet-Fed Mice. <i>Diabetes</i> , 2017 , 66, 868-879	0.9	50
319	Efficacy and safety of canagliflozin in combination with insulin: a double-blind, randomized, placebo-controlled study in Japanese patients with type 2 diabetes mellitus. <i>Cardiovascular Diabetology</i> , 2016 , 15, 89	8.7	49
318	Metformin: New Preparations and Nonglycemic Benefits. <i>Current Diabetes Reports</i> , 2017 , 17, 5	5.6	48
317	Significance of Computed Tomography and Serum Potassium in Predicting Subtype Diagnosis of Primary Aldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 900-908	5.6	48
316	Ionic mechanisms and Ca ²⁺ dynamics underlying the glucose response of pancreatic β cells: a simulation study. <i>Journal of General Physiology</i> , 2011 , 138, 21-37	3.4	48
315	Phosphorylation and functional regulation of ClC-2 chloride channels expressed in <i>Xenopus</i> oocytes by M cyclin-dependent protein kinase. <i>Journal of Physiology</i> , 2002 , 540, 883-93	3.9	46
314	Expression of ABCA3, a causative gene for fatal surfactant deficiency, is up-regulated by glucocorticoids in lung alveolar type II cells. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 323, 547-55	3.4	46
313	ABCA2 deficiency results in abnormal sphingolipid metabolism in mouse brain. <i>Journal of Biological Chemistry</i> , 2007 , 282, 19692-9	5.4	45
312	iPSC technology-based regenerative therapy for diabetes. <i>Journal of Diabetes Investigation</i> , 2018 , 9, 234-243	3.9	44
311	Heterozygous variants of multidrug and toxin extrusions (MATE1 and MATE2-K) have little influence on the disposition of metformin in diabetic patients. <i>Pharmacogenetics and Genomics</i> , 2010 , 20, 135-8	1.9	44
310	Influence of Renal Function on the 52-Week Efficacy and Safety of the Sodium Glucose Cotransporter 2 Inhibitor Luseogliflozin in Japanese Patients with Type 2 Diabetes Mellitus. <i>Clinical Therapeutics</i> , 2016 , 38, 66-88.e20	3.5	44
309	Safety and efficacy of oral semaglutide versus dulaglutide in Japanese patients with type 2 diabetes (PIONEER 10): an open-label, randomised, active-controlled, phase 3a trial. <i>Lancet Diabetes and Endocrinology</i> , 2020 , 8, 392-406	18.1	43
308	SIRT5 deacetylates and activates urate oxidase in liver mitochondria of mice. <i>FEBS Letters</i> , 2012 , 586, 4076-81	3.8	43
307	SYR-472, a novel once-weekly dipeptidyl peptidase-4 (DPP-4) inhibitor, in type 2 diabetes mellitus: a phase 2, randomised, double-blind, placebo-controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2014 , 2, 125-32	18.1	42
306	Cloning, characterization and tissue distribution of the rat ATP-binding cassette (ABC) transporter ABC2/ABCA2. <i>Biochemical Journal</i> , 2000 , 350, 865-872	3.8	42
305	ATP-sensitive potassium channels: structures, functions, and pathophysiology. <i>The Japanese Journal of Physiology</i> , 1998 , 48, 397-412		41
304	Efficacy and safety of canagliflozin as add-on therapy to teneligliptin in Japanese patients with type 2 diabetes mellitus: Results of a 24-week, randomized, double-blind, placebo-controlled trial. <i>Diabetes, Obesity and Metabolism</i> , 2017 , 19, 874-882	6.7	40

303	Efficacy and safety of luseogliflozin added to various oral antidiabetic drugs in Japanese patients with type 2 diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2015 , 6, 443-53	3.9	39
302	Long-Chain Free Fatty Acid Receptor GPR120 Mediates Oil-Induced GIP Secretion Through CCK in Male Mice. <i>Endocrinology</i> , 2017 , 158, 1172-1180	4.8	38
301	Paternal allelic mutation at the Kcnq1 locus reduces pancreatic β cell mass by epigenetic modification of Cdkn1c. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 8332-7	11.5	38
300	Temporal and spatial profiles of ABCA2-expressing oligodendrocytes in the developing rat brain. <i>Journal of Comparative Neurology</i> , 2003 , 455, 353-67	3.4	37
299	Efficacy and safety of empagliflozin monotherapy for 52 weeks in Japanese patients with type 2 diabetes: a randomized, double-blind, parallel-group study. <i>Advances in Therapy</i> , 2015 , 32, 306-18	4.1	35
298	Tetrahydrobiopterin has a glucose-lowering effect by suppressing hepatic gluconeogenesis in an endothelial nitric oxide synthase-dependent manner in diabetic mice. <i>Diabetes</i> , 2013 , 62, 3033-43	0.9	35
297	Dietary corosolic acid ameliorates obesity and hepatic steatosis in KK-Ay mice. <i>Biological and Pharmaceutical Bulletin</i> , 2008 , 31, 651-5	2.3	35
296	Accuracy of adrenal computed tomography in predicting the unilateral subtype in young patients with hypokalaemia and elevation of aldosterone in primary aldosteronism. <i>Clinical Endocrinology</i> , 2018 , 88, 645-651	3.4	34
295	Palmitate induces reactive oxygen species production and β cell dysfunction by activating nicotinamide adenine dinucleotide phosphate oxidase through Src signaling. <i>Journal of Diabetes Investigation</i> , 2014 , 5, 19-26	3.9	34
294	Utility of indices using C-peptide levels for indication of insulin therapy to achieve good glycemic control in Japanese patients with type 2 diabetes. <i>Journal of Diabetes Investigation</i> , 2011 , 2, 297-303	3.9	34
293	GLP-1 receptor signaling protects pancreatic beta cells in intraportal islet transplant by inhibiting apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 367, 793-8	3.4	34
292	High Prevalence of Diabetes in Patients With Primary Aldosteronism (PA) Associated With Subclinical Hypercortisolism and Prediabetes More Prevalent in Bilateral Than Unilateral PA: A Large, Multicenter Cohort Study in Japan. <i>Diabetes Care</i> , 2019 , 42, 938-945	14.6	33
291	Modulation of reconstituted ATP-sensitive K(+)-channels by GTP-binding proteins in a mammalian cell line. <i>Journal of Physiology</i> , 1998 , 507 (Pt 2), 315-24	3.9	33
290	Genetic inactivation of GIP signaling reverses aging-associated insulin resistance through body composition changes. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 364, 175-80	3.4	32
289	M phase-specific expression and phosphorylation-dependent ubiquitination of the CLC-2 channel. <i>Journal of Biological Chemistry</i> , 2002 , 277, 32268-73	5.4	32
288	Intra- and inter-subject variability for increases in serum ketone bodies in patients with type 2 diabetes treated with the sodium glucose co-transporter 2 inhibitor canagliflozin. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 1321-1326	6.7	31
287	Efficacy and Safety of the SGLT2 Inhibitor Luseogliflozin in Japanese Patients With Type 2 Diabetes Mellitus Stratified According to Baseline Body Mass Index: Pooled Analysis of Data From 52-Week Phase III Trials. <i>Clinical Therapeutics</i> , 2016 , 38, 843-862.e9	3.5	31
286	Early phase glucagon and insulin secretory abnormalities, but not incretin secretion, are similarly responsible for hyperglycemia after ingestion of nutrients. <i>Journal of Diabetes and Its Complications</i> , 2015 , 29, 413-21	3.2	31

285	Glucose-stimulated single pancreatic islets sustain increased cytosolic ATP levels during initial Ca ²⁺ influx and subsequent Ca ²⁺ oscillations. <i>Journal of Biological Chemistry</i> , 2014 , 289, 2205-16	5.4	31
284	Ingestion of a moderate high-sucrose diet results in glucose intolerance with reduced liver glucokinase activity and impaired glucagon-like peptide-1 secretion. <i>Journal of Diabetes Investigation</i> , 2012 , 3, 432-40	3.9	31
283	Mastication and risk for diabetes in a Japanese population: a cross-sectional study. <i>PLoS ONE</i> , 2013 , 8, e64113	3.7	31
282	System for simultaneously monitoring heart and breathing rate in mice using a piezoelectric transducer. <i>Medical and Biological Engineering and Computing</i> , 2006 , 44, 353-62	3.1	31
281	Factors responsible for deteriorating glucose tolerance in newly diagnosed type 2 diabetes in Japanese men. <i>Metabolism: Clinical and Experimental</i> , 2006 , 55, 53-8	12.7	31
280	Importance of contralateral aldosterone suppression during adrenal vein sampling in the subtype evaluation of primary aldosteronism. <i>Clinical Endocrinology</i> , 2015 , 83, 462-7	3.4	30
279	Fatty acid-binding protein 5 regulates diet-induced obesity via GIP secretion from enteroendocrine K cells in response to fat ingestion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 308, E583-91	6	30
278	The G-Protein-Coupled Long-Chain Fatty Acid Receptor GPR40 and Glucose Metabolism. <i>Frontiers in Endocrinology</i> , 2014 , 5, 152	5.7	30
277	KATP channel as well as SGLT1 participates in GIP secretion in the diabetic state. <i>Journal of Endocrinology</i> , 2014 , 222, 191-200	4.7	29
276	Molecular properties of the putative autolysin Atl(WM) encoded by <i>Staphylococcus warneri</i> M: mutational and biochemical analyses of the amidase and glucosaminidase domains. <i>Gene</i> , 2008 , 416, 66-76	3.8	29
275	Effect of corosolic acid on gluconeogenesis in rat liver. <i>Diabetes Research and Clinical Practice</i> , 2008 , 80, 48-55	7.4	29
274	Pharmacokinetics, Pharmacodynamics, and Safety of Canagliflozin in Japanese Patients with Type 2 Diabetes Mellitus. <i>Advances in Therapy</i> , 2015 , 32, 768-82	4.1	28
273	Bullous pemphigoid associated with dipeptidyl peptidase-4 inhibitors: A report of five cases. <i>Journal of Diabetes Investigation</i> , 2018 , 9, 445-447	3.9	28
272	Oral Administration of Apple Procyanidins Ameliorates Insulin Resistance via Suppression of Pro-Inflammatory Cytokine Expression in Liver of Diabetic ob/ob Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 8857-8865	5.7	28
271	Gatifloxacin acutely stimulates insulin secretion and chronically suppresses insulin biosynthesis. <i>European Journal of Pharmacology</i> , 2006 , 553, 67-72	5.3	28
270	Niemann-Pick type C disease: novel NPC1 mutations and characterization of the concomitant acid sphingomyelinase deficiency. <i>Molecular Genetics and Metabolism</i> , 2006 , 87, 113-21	3.7	28
269	Cloning of ABCA17, a novel rodent sperm-specific ABC (ATP-binding cassette) transporter that regulates intracellular lipid metabolism. <i>Biochemical Journal</i> , 2005 , 389, 577-85	3.8	28
268	Circulating osteocrin stimulates bone growth by limiting C-type natriuretic peptide clearance. <i>Journal of Clinical Investigation</i> , 2017 , 127, 4136-4147	15.9	28

267	Obesity as a Key Factor Underlying Idiopathic Hyperaldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 4456-4464	5.6	28
266	Rapamycin impairs metabolism-secretion coupling in rat pancreatic islets by suppressing carbohydrate metabolism. <i>Journal of Endocrinology</i> , 2010 , 204, 37-46	4.7	27
265	Clinical and biochemical outcomes after adrenalectomy and medical treatment in patients with unilateral primary aldosteronism. <i>Journal of Hypertension</i> , 2019 , 37, 1513-1520	1.9	27
264	Characteristics of the Japanese Diet Described in Epidemiologic Publications: A Qualitative Systematic Review. <i>Journal of Nutritional Science and Vitaminology</i> , 2018 , 64, 129-137	1.1	26
263	Reduction of reactive oxygen species ameliorates metabolism-secretion coupling in islets of diabetic GK rats by suppressing lactate overproduction. <i>Diabetes</i> , 2013 , 62, 1996-2003	0.9	26
262	Glycemic variability is associated with quality of life and treatment satisfaction in patients with type 1 diabetes. <i>Diabetes Care</i> , 2015 , 38, e1-2	14.6	25
261	A randomized dose-finding study demonstrating the efficacy and tolerability of albiglutide in Japanese patients with type 2 diabetes mellitus. <i>Current Medical Research and Opinion</i> , 2014 , 30, 1095-1067	2.5	25
260	Nuclear transport of Kir/Gem requires specific signals and importin alpha5 and is regulated by calmodulin and predicted serine phosphorylations. <i>Traffic</i> , 2007 , 8, 1150-63	5.7	25
259	Cloning of a mouse Rabphilin-3A expressed in hormone-secreting cells. <i>Journal of Biochemistry</i> , 1994 , 116, 239-42	3.1	25
258	Beta-cell replacement strategies for diabetes. <i>Journal of Diabetes Investigation</i> , 2017 , 9, 457	3.9	25
257	Myotonic dystrophy type 1 patient-derived iPSCs for the investigation of CTG repeat instability. <i>Scientific Reports</i> , 2017 , 7, 42522	4.9	24
256	Deacetylation of phosphoglycerate mutase in its distinct central region by SIRT2 down-regulates its enzymatic activity. <i>Genes To Cells</i> , 2014 , 19, 766-77	2.3	24
255	Pharmacokinetic and pharmacodynamic profiles of canagliflozin in Japanese patients with type 2 diabetes mellitus and moderate renal impairment. <i>Clinical Drug Investigation</i> , 2014 , 34, 731-42	3.2	24
254	Effects of glucose and meal ingestion on incretin secretion in Japanese subjects with normal glucose tolerance. <i>Journal of Diabetes Investigation</i> , 2012 , 3, 80-5	3.9	24
253	Purkinje cell protein 4 positively regulates neurite outgrowth and neurotransmitter release. <i>Journal of Neuroscience Research</i> , 2011 , 89, 1519-30	4.4	24
252	Impaired metabolism-secretion coupling in pancreatic beta-cells: role of determinants of mitochondrial ATP production. <i>Diabetes Research and Clinical Practice</i> , 2007 , 77 Suppl 1, S2-10	7.4	24
251	DEPTOR-related mTOR suppression is involved in metformin's anti-cancer action in human liver cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 460, 1047-52	3.4	23
250	A comparison between ¹¹ C-methionine PET/CT and MIBI SPECT/CT for localization of parathyroid adenomas/hyperplasia. <i>Nuclear Medicine Communications</i> , 2015 , 36, 53-9	1.6	23

249	ATP-binding cassette transporter ABCA2 (ABC2) expression in the developing spinal cord and PNS during myelination. <i>Journal of Comparative Neurology</i> , 2002 , 451, 334-45	3.4	23
248	Development and validation of subtype prediction scores for the workup of primary aldosteronism. <i>Journal of Hypertension</i> , 2018 , 36, 2269-2276	1.9	23
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