Toshimasa Yamauchi

List of Publications by Year in Descending Order

137 papers	20,463 citations	45 h-index	143 g-index
172 ext. papers	23,116 ext. citations	10.3 avg, IF	6.22 L-index

#	Paper	IF	Citations
137	New classification and diagnostic criteria for insulin resistance syndrome.. *Diabetology International*, **2022**, 13, 337-343	2.3	0
136	Addressing screams for evidence on renoprotection by GLP-1 receptor agonists.. *Kidney International*, **2022**, 101, 222-224	9.9	0
135	Semaglutide once a week in adults with overweight or obesity, with or without type 2 diabetes in an east Asian population (STEP 6): a randomised, double-blind, double-dummy, placebo-controlled, phase 3a trial.. *Lancet Diabetes and Endocrinology,the*, **2022**,	18.1	11
134	Change in Cardiovascular Health Metrics and Risk for Proteinuria Development: Analysis of a Nationwide Population-Based Database.. *American Journal of Nephrology*, **2022**, 1-9	4.6	1
133	Impact of Glucose Tolerance and Its Change on Incident Proteinuria: Analysis of a Nationwide Population-Based Dataset.. *American Journal of Nephrology*, **2022**, 1-9	4.6	0
132	Effect of Information and Communication Technology-Based Self-management System DialBeticsLite on Treating Abdominal Obesity in the Specific Health Guidance in Japan: Randomized Controlled Trial.. *JMIR Formative Research*, **2022**, 6, e33852	2.5	0
131	Association between proteinuria and incident colorectal cancer: analysis of a nationwide population-based database.. *BMJ Open*, **2022**, 12, e056250	3	
130	Impact of COVID-19 pandemic on healthcare service use for non-COVID-19 patients in Japan: retrospective cohort study.. *BMJ Open*, **2022**, 12, e060390	3	1
129	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. *Nature Genetics*, **2022**,	36.3	7
128	Metabolic surgery in treatment of obese Japanese patients with type 2 diabetes: a joint consensus statement from the Japanese Society for Treatment of Obesity, the Japan Diabetes Society, and the Japan Society for the Study of Obesity. *Diabetology International*, **2021**, 13, 1-30	2.3	1
127	Effect of Digital Health Among People With Type 2 Diabetes Mellitus During the COVID-19 Pandemic in Japan. *Journal of Diabetes Science and Technology*, **2021**, 19322968211050040	4.1	
126	Preparation and culture of bone marrow-derived macrophages from mice for functional analysis. *STAR Protocols*, **2021**, 2, 100246	1.4	15
125	Role of Insulin Resistance in MAFLD. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	16
124	Lack of Brain Insulin Receptor Substrate-1 Causes Growth Retardation, With Decreased Expression of Growth Hormone-Releasing Hormone in the Hypothalamus. *Diabetes*, **2021**, 70, 1640-1653	0.9	1
123	Factors Associated with the Local Increase of Skin Temperature, Hotspot,Tof Callus in Diabetic Foot: A Cross-Sectional Study. *Journal of Diabetes Science and Technology*, **2021**, 19322968211011181	4.1	1
122	Genotype-Structure-Phenotype Correlations of Disease-Associated IGF1R Variants and Similarities to Those of INSR Variants. *Diabetes*, **2021**, 70, 1874-1884	0.9	
121	Factors associated with long-term care certification in older adults: a cross-sectional study based on a nationally representative survey in Japan. *BMC Geriatrics*, **2021**, 21, 374	4.1	1

120	Structural basis of ethnic-specific variants of PAX4 associated with type 2 diabetes. *Human Genome Variation*, **2021**, 8, 25	1.8	0
119	LPIAT1/MBOAT7 depletion increases triglyceride synthesis fueled by high phosphatidylinositol turnover. *Gut*, **2021**, 70, 180-193	19.2	39
118	Pseudo-hyperglucagonemia was observed in pancreatectomized patients when measured by glucagon sandwich enzyme-linked immunosorbent assay. *Journal of Diabetes Investigation*, **2021**, 12, 286-289	3.9	1
117	Association between tear and blood glucose concentrations: Random intercept model adjusted with confounders in tear samples negative for occult blood. *Journal of Diabetes Investigation*, **2021**, 12, 266-276	3.9	11
116	Perceptions, attitudes and barriers to obesity management: Japanese data from the ACTION-IO study. *Journal of Diabetes Investigation*, **2021**, 12, 845-858	3.9	2
115	AdipoR agonist increases insulin sensitivity and exercise endurance in AdipoR-humanized mice. *Communications Biology*, **2021**, 4, 45	6.7	3
114	Prevention of diabetic foot ulcers using a smartphone and mobile thermography: a case study. *Journal of Wound Care*, **2021**, 30, 116-119	2.2	0
113	Association between nutritional guidance or ophthalmological examination and discontinuation of physician visits in patients with newly diagnosed diabetes: A retrospective cohort study using a nationwide database. *Journal of Diabetes Investigation*, **2021**, 12, 1619-1631	3.9	0
112	Genome-wide association studies identify two novel loci conferring susceptibility to diabetic retinopathy in Japanese patients with type 2 diabetes. *Human Molecular Genetics*, **2021**, 30, 716-726	5.6	5
111	Body-weight-independent glucose-lowering effect of the β-adrenergic receptor agonist mirabegron in humans. *Journal of Diabetes Investigation*, **2021**, 12, 689-690	3.9	
110	Clinical Characteristics and Incidences of Benign and Malignant Insulinoma Using a National Inpatient Database in Japan. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, 3477-3486	5.6	0
109	Efficacy of the Self-management Support System DialBetesPlus for Diabetic Kidney Disease: Protocol for a Randomized Controlled Trial. *JMIR Research Protocols*, **2021**, 10, e31061	2	1
108	Retrospective nationwide study on the trends in first-line antidiabetic medication for patients with type 2 diabetes in Japan. *Journal of Diabetes Investigation*, **2021**,	3.9	5
107	A cross-population atlas of genetic associations for 220 human phenotypes. *Nature Genetics*, **2021**, 53, 1415-1424	36.3	40
106	Discovery of a transdermally deliverable pentapeptide for activating AdipoR1 to promote hair growth. *EMBO Molecular Medicine*, **2021**, 13, e13790	12	2
105	A Case of Chronic Intestinal Pseudo-obstruction with Mitochondrial Diseases. *Internal Medicine*, **2021**,	1.1	1
104	Potassium Concentration in Initial Fluid Therapy and In-Hospital Mortality of Patients with Diabetic Ketoacidosis. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, e2162-e2175	5.6	0
103	Associations between diabetes duration and self-stigma development in Japanese people with type 2 diabetes: a secondary analysis of cross-sectional data.. *BMJ Open*, **2021**, 11, e055013	3	0

102	Identification of type 2 diabetes loci in 433,540 East Asian individuals. *Nature*, **2020**, 582, 240-245	50.4	89
101	Prolyl Hydroxylase Domain Inhibitor Protects against Metabolic Disorders and Associated Kidney Disease in Obese Type 2 Diabetic Mice. *Journal of the American Society of Nephrology: JASN*, **2020**, 31, 560-577	12.7	30
100	Insulin- and Lipopolysaccharide-Mediated Signaling in Adipose Tissue Macrophages Regulates Postprandial Glycemia through Akt-mTOR Activation. *Molecular Cell*, **2020**, 79, 43-53.e4	17.6	12
99	How self-stigma affects patient activation in persons with type 2 diabetes: a cross-sectional study. *BMJ Open*, **2020**, 10, e034757	3	3
98	Large-scale genome-wide association study in a Japanese population identifies novel susceptibility loci across different diseases. *Nature Genetics*, **2020**, 52, 669-679	36.3	85
97	Oxidized albumin in blood reflects the severity of multiple vascular complications in diabetes mellitus. *Metabolism Open*, **2020**, 6, 100032	2.8	10
96	Genome-wide association meta-analysis identifies GP2 gene risk variants for pancreatic cancer. *Nature Communications*, **2020**, 11, 3175	17.4	14
95	Clinical Features of Type B Insulin Resistance in Japanese Patients: Case Report and Survey-Based Case Series Study. *Journal of Diabetes Research*, **2020**, 2020, 4359787	3.9	1
94	eHealth Delivery of Educational Content Using Selected Visual Methods to Improve Health Literacy on Lifestyle-Related Diseases: Literature Review. *JMIR MHealth and UHealth*, **2020**, 8, e18316	5.5	7
93	Using mHealth to Provide Mobile App Users With Visualization of Health Checkup Data and Educational Videos on Lifestyle-Related Diseases: Methodological Framework for Content Development. *JMIR MHealth and UHealth*, **2020**, 8, e20982	5.5	4
92	Deep Neural Network for Reducing the Screening Workload in Systematic Reviews for Clinical Guidelines: Algorithm Validation Study. *Journal of Medical Internet Research*, **2020**, 22, e22422	7.6	2
91	NFIA differentially controls adipogenic and myogenic gene program through distinct pathways to ensure brown and beige adipocyte differentiation. *PLoS Genetics*, **2020**, 16, e1009044	6	4
90	Clinical usefulness of multigene screening with phenotype-driven bioinformatics analysis for the diagnosis of patients with monogenic diabetes or severe insulin resistance. *Diabetes Research and Clinical Practice*, **2020**, 169, 108461	7.4	1
89	Blood Glucose Control Strategy for Type 2 Diabetes Patients With COVID-19. *Frontiers in Cardiovascular Medicine*, **2020**, 7, 593061	5.4	1
88	Skin characteristics associated with foot callus in people with diabetes: A cross-sectional study focused on desmocollin1 in corneocytes. *Journal of Tissue Viability*, **2020**, 29, 291-296	3.2	
87	Medical nutrition therapy and dietary counseling for patients with diabetes-energy, carbohydrates, protein intake and dietary counseling. *Diabetology International*, **2020**, 11, 224-239	2.3	3
86	Understanding the experiences of long-term maintenance of self-worth in persons with type 2 diabetes in Japan: a qualitative study. *BMJ Open*, **2020**, 10, e034758	3	1
85	Factors Associated with Callus Formation in the Plantar Region through Gait Measurement in Patients with Diabetic Neuropathy: An Observational Case-Control Study. *Sensors*, **2020**, 20,	3.8	1

84	Human adiponectin receptor AdipoR1 assumes closed and open structures. *Communications Biology*, **2020**, 3, 446	6.7	3
83	Adiponectin/AdipoR Research and Its Implications for Lifestyle-Related Diseases. *Frontiers in Cardiovascular Medicine*, **2019**, 6, 116	5.4	19
82	Drug development research for novel adiponectin receptor-targeted antidiabetic drugs contributing to healthy longevity. *Diabetology International*, **2019**, 10, 237-244	2.3	7
81	NAD supplementation rejuvenates aged gut adult stem cells. *Aging Cell*, **2019**, 18, e12935	9.9	61
80	The association between health literacy levels and patient-reported outcomes in Japanese type 2 diabetic patients. *SAGE Open Medicine*, **2019**, 7, 2050312119865647	2.4	5
79	Variation in process quality measures of diabetes care by region and institution in Japan during 2015-2016: An observational study of nationwide claims data. *Diabetes Research and Clinical Practice*, **2019**, 155, 107750	7.4	11
78	Robust and highly efficient hiPSC generation from patient non-mobilized peripheral blood-derived CD34 cells using the auto-erasable Sendai virus vector. *Stem Cell Research and Therapy*, **2019**, 10, 185	8.3	17
77	Identification of 28 new susceptibility loci for type 2 diabetes in the Japanese population. *Nature Genetics*, **2019**, 51, 379-386	36.3	83
76	The current status of treatment-related severe hypoglycemia in Japanese patients with diabetes mellitus: A report from the committee on a survey of severe hypoglycemia in the Japan Diabetes Society. *Journal of Diabetes Investigation*, **2018**, 9, 642	3.9	16
75	Weekly Versus Daily Dipeptidyl Peptidase 4 Inhibitor Therapy for Type 2 Diabetes: Systematic Review and Meta-analysis. *Diabetes Care*, **2018**, 41, e52-e55	14.6	6
74	Sodium-glucose co-transporter-2 inhibitors as add-on therapy to insulin for type 1 diabetes mellitus: Systematic review and meta-analysis of randomized controlled trials. *Diabetes, Obesity and Metabolism*, **2018**, 20, 1755-1761	6.7	49
73	The current status of treatment-related severe hypoglycemia in Japanese patients with diabetes mellitus: a report from the committee on a survey of severe hypoglycemia in the Japan Diabetes Society. *Diabetology International*, **2018**, 9, 84-99	2.3	12
72	Biosimilar vs originator insulins: Systematic review and meta-analysis. *Diabetes, Obesity and Metabolism*, **2018**, 20, 1787-1792	6.7	15
71	AdipoRon: An anti-diabetes and anti-aging drug. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, SY62-3	0	
70	5. Patients with Diabetes Difficult to Manage and Their Countermeasures. *The Journal of the Japanese Society of Internal Medicine*, **2018**, 107, 1810-1818	0	
69	Downregulation of macrophage Irs2 by hyperinsulinemia impairs IL-4-indeuced M2a-subtype macrophage activation in obesity. *Nature Communications*, **2018**, 9, 4863	17.4	27
68	A variant within the FTO confers susceptibility to diabetic nephropathy in Japanese patients with type 2 diabetes. *PLoS ONE*, **2018**, 13, e0208654	3.7	12
67	Structure and function analysis of adiponectin receptors toward development of novel antidiabetic agents promoting healthy longevity. *Endocrine Journal*, **2018**, 65, 971-977	2.9	8

66	Willingness of patients with diabetes to use an ICT-based self-management tool: a cross-sectional study. *BMJ Open Diabetes Research and Care*, **2017**, 5, e000322	4.5	10
65	Thermographic findings in a case of type 2 diabetes with foot ulcer due to callus deterioration. *Diabetology International*, **2017**, 8, 328-333	2.3	5
64	Glycemic control, mortality, secondary infection, and hypoglycemia in critically ill pediatric patients: a systematic review and network meta-analysis of randomized controlled trials. *Intensive Care Medicine*, **2017**, 43, 1427-1429	14.5	6
63	Psychological and behavioural patterns of stigma among patients with type 2 diabetes: a cross-sectional study. *BMJ Open*, **2017**, 7, e013425	3	19
62	Effect of an intensified multifactorial intervention on cardiovascular outcomes and mortality in type 2 diabetes (J-DOIT3): an open-label, randomised controlled trial. *Lancet Diabetes and Endocrinology,the*, **2017**, 5, 951-964	18.1	141
61	Structural Basis and Genotype-Phenotype Correlations of INSR Mutations Causing Severe Insulin Resistance. *Diabetes*, **2017**, 66, 2713-2723	0.9	14
60	CDK5 Regulatory Subunit-Associated Protein 1-like 1 Negatively Regulates Adipocyte Differentiation through Activation of Wnt Signaling Pathway. *Scientific Reports*, **2017**, 7, 7326	4.9	6
59	NFIA co-localizes with PPARγ and transcriptionally controls the brown fat gene program. *Nature Cell Biology*, **2017**, 19, 1081-1092	23.4	44
58	Development of an Automatic Puncturing and Sampling System for a Self-Monitoring Blood Glucose Device. *Diabetes Technology and Therapeutics*, **2017**, 19, 651-659	8.1	3
57	Glycemic control, mortality, and hypoglycemia in critically ill patients: a systematic review and network meta-analysis of randomized controlled trials. *Intensive Care Medicine*, **2017**, 43, 1-15	14.5	101
56	Genome-wide association studies in the Japanese population identify seven novel loci for type 2 diabetes. *Nature Communications*, **2016**, 7, 10531	17.4	99
55	Association between self-stigma and self-care behaviors in patients with type 2 diabetes: a cross-sectional study. *BMJ Open Diabetes Research and Care*, **2016**, 4, e000156	4.5	21
54	5) Novel Insight into Physiological and Pathophysiological Roles of Adipocytes -Elucidation of Adiponectin Receptors AdipoRs Action Mechanisms and Clinical Application-. *The Journal of the Japanese Society of Internal Medicine*, **2016**, 105, 1746-1752	0	
53	Shear Stress-Normal Stress (Pressure) Ratio Decides Forming Callus in Patients with Diabetic Neuropathy. *Journal of Diabetes Research*, **2016**, 2016, 3157123	3.9	10
52	J-curve relation between daytime nap duration and type 2 diabetes or metabolic syndrome: A dose-response meta-analysis. *Scientific Reports*, **2016**, 6, 38075	4.9	26
51	Expression, purification, crystallization, and preliminary X-ray crystallographic studies of the human adiponectin receptors, AdipoR1 and AdipoR2. *Journal of Structural and Functional Genomics*, **2015**, 16, 11-23		11
50	Adiponectin regulates psoriasiform skin inflammation by suppressing IL-17 production from γδT cells. *Nature Communications*, **2015**, 6, 7687	17.4	97
49	A Novel Peroxisome Proliferator-activated Receptor (PPAR)γ Agonist and PPARγ Antagonist, Z-551, Ameliorates High-fat Diet-induced Obesity and Metabolic Disorders in Mice. *Journal of Biological Chemistry*, **2015**, 290, 14567-81	5.4	30

48	Crystal structures of the human adiponectin receptors. *Nature*, **2015**, 520, 312-316	50.4	130
47	Adiponectin/adiponectin receptor in disease and aging. *Npj Aging and Mechanisms of Disease*, **2015**, 1, 15013	5.5	40
46	Daytime Napping and the Risk of Cardiovascular Disease and All-Cause Mortality: A Prospective Study and Dose-Response Meta-Analysis. *Sleep*, **2015**, 38, 1945-53	1.1	74
45	Perspective of Small-Molecule AdipoR Agonist for Type 2 Diabetes and Short Life in Obesity. *Diabetes and Metabolism Journal*, **2015**, 39, 363-72	5	43
44	Genome-wide association meta-analysis identifies novel variants associated with fasting plasma glucose in East Asians. *Diabetes*, **2015**, 64, 291-8	0.9	43
43	Genome-wide association study identifies three novel loci for type 2 diabetes. *Human Molecular Genetics*, **2014**, 23, 239-46	5.6	138
42	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. *Nature Genetics*, **2014**, 46, 234-44	36.3	784
41	Adiponectin and its receptors: implications for obesity-associated diseases and longevity. *Lancet Diabetes and Endocrinology,the*, **2014**, 2, 8-9	18.1	33
40	Adiponectin receptors: a review of their structure, function and how they work. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2014**, 28, 15-23	6.5	199
39	A small-molecule AdipoR agonist for type 2 diabetes and short life in obesity. *Nature*, **2013**, 503, 493-9	50.4	430
38	Adiponectin receptor as a key player in healthy longevity and obesity-related diseases. *Cell Metabolism*, **2013**, 17, 185-96	24.6	282
37	Expression levels of adiponectin receptors are decreased in human endometrial adenocarcinoma tissues. *International Journal of Gynecological Pathology*, **2012**, 31, 352-7	3.2	23
36	Meta-analysis of genome-wide association studies identifies eight new loci for type 2 diabetes in east Asians. *Nature Genetics*, **2011**, 44, 67-72	36.3	475
35	Adiponectin receptor signaling: a new layer to the current model. *Cell Metabolism*, **2011**, 13, 123-4	24.6	48
34	Adiponectin enhances insulin sensitivity by increasing hepatic IRS-2 expression via a macrophage-derived IL-6-dependent pathway. *Cell Metabolism*, **2011**, 13, 401-412	24.6	197
33	Global mapping of cell type-specific open chromatin by FAIRE-seq reveals the regulatory role of the NFI family in adipocyte differentiation. *PLoS Genetics*, **2011**, 7, e1002311	6	89
32	Adiponectin and AdipoR1 regulate PGC-1alpha and mitochondria by Ca(2+) and AMPK/SIRT1. *Nature*, **2010**, 464, 1313-9	50.4	690
31	A genome-wide association study in the Japanese population identifies susceptibility loci for type 2 diabetes at UBE2E2 and C2CD4A-C2CD4B. *Nature Genetics*, **2010**, 42, 864-8	36.3	214

30	Adiponectin receptors are downregulated in human gastric cancer. *Journal of Gastroenterology*, **2010**, 45, 918-27	6.9	20
29	5-Hydroxytryptamine 2A receptor signaling cascade modulates adiponectin and plasminogen activator inhibitor 1 expression in adipose tissue. *FEBS Letters*, **2008**, 582, 3037-44	3.8	40
28	Targeted disruption of AdipoR1 and AdipoR2 causes abrogation of adiponectin binding and metabolic actions. *Nature Medicine*, **2007**, 13, 332-9	50.5	1007
27	Adiponectin inhibits the growth and peritoneal metastasis of gastric cancer through its specific membrane receptors AdipoR1 and AdipoR2. *Cancer Science*, **2007**, 98, 1120-7	6.9	115
26	Selective purification and characterization of adiponectin multimer species from human plasma. *Biochemical and Biophysical Research Communications*, **2007**, 356, 487-93	3.4	117
25	Adiponectin stimulates AMP-activated protein kinase in the hypothalamus and increases food intake. *Cell Metabolism*, **2007**, 6, 55-68	24.6	583
24	Measurement of the high-molecular weight form of adiponectin in plasma is useful for the prediction of insulin resistance and metabolic syndrome. *Diabetes Care*, **2006**, 29, 1357-62	14.6	470
23	Overexpression of monocyte chemoattractant protein-1 in adipose tissues causes macrophage recruitment and insulin resistance. *Journal of Biological Chemistry*, **2006**, 281, 26602-14	5.4	638
22	Pioglitazone ameliorates insulin resistance and diabetes by both adiponectin-dependent and -independent pathways. *Journal of Biological Chemistry*, **2006**, 281, 8748-55	5.4	242
21	Adiponectin and adiponectin receptors in insulin resistance, diabetes, and the metabolic syndrome. *Journal of Clinical Investigation*, **2006**, 116, 1784-92	15.9	1967
20	Adiponectin and adiponectin receptors. *Endocrine Reviews*, **2005**, 26, 439-51	27.2	1962
19	Peroxisome proliferator-activated receptor (PPAR)alpha activation increases adiponectin receptors and reduces obesity-related inflammation in adipose tissue: comparison of activation of PPARalpha, PPARgamma, and their combination. *Diabetes*, **2005**, 54, 3358-70	0.9	331
18	Insulin/Foxo1 pathway regulates expression levels of adiponectin receptors and adiponectin sensitivity. *Journal of Biological Chemistry*, **2004**, 279, 30817-22	5.4	408
17	Cloning of adiponectin receptors that mediate antidiabetic metabolic effects. *Nature*, **2003**, 423, 762-9	50.4	2453
16	Globular adiponectin protected ob/ob mice from diabetes and ApoE-deficient mice from atherosclerosis. *Journal of Biological Chemistry*, **2003**, 278, 2461-8	5.4	676
15	Impaired multimerization of human adiponectin mutants associated with diabetes. Molecular structure and multimer formation of adiponectin. *Journal of Biological Chemistry*, **2003**, 278, 40352-63	5.4	751
14	Dual roles of adiponectin/Acrp30 in vivo as an anti-diabetic and anti-atherogenic adipokine. *Current Drug Targets Immune, Endocrine and Metabolic Disorders*, **2003**, 3, 243-54		105
13	The role of PPARgamma in high-fat diet-induced obesity and insulin resistance. *Journal of Diabetes and Its Complications*, **2002**, 16, 41-5	3.2	47

12	Increased insulin sensitivity despite lipodystrophy in Crebbp heterozygous mice. *Nature Genetics*, **2002**, 30, 221-6	36.3	130
11	Maturity-onset diabetes of the young resulting from a novel mutation in the HNF-4alpha gene. *Internal Medicine*, **2002**, 41, 848-52	1.1	7
10	Disruption of adiponectin causes insulin resistance and neointimal formation. *Journal of Biological Chemistry*, **2002**, 277, 25863-6	5.4	967
9	The mechanisms by which both heterozygous peroxisome proliferator-activated receptor gamma (PPARgamma) deficiency and PPARgamma agonist improve insulin resistance. *Journal of Biological Chemistry*, **2001**, 276, 41245-54	5.4	500
8	PPAR gamma mediates high-fat diet-induced adipocyte hypertrophy and insulin resistance. *Molecular Cell*, **1999**, 4, 597-609	17.6	1136
7	The mechanism of insulin-induced signal transduction mediated by the insulin receptor substrate family. *Endocrine Journal*, **1999**, 46, S25-34	2.9	35
6	Growth hormone-induced tyrosine phosphorylation of EGF receptor as an essential element leading to MAP kinase activation and gene expression. *Endocrine Journal*, **1998**, 45 Suppl, S27-31	2.9	47
5	Tyrosine phosphorylation of the EGF receptor by the kinase Jak2 is induced by growth hormone. *Nature*, **1997**, 390, 91-6	50.4	252
4	Signal transduction mechanism of insulin and insulin-like growth factor-1. *Endocrine Journal*, **1996**, 43 Suppl, S33-41	2.9	59
3	Trans-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation		10
2	A global atlas of genetic associations of 220 deep phenotypes		14
1	Identification of type 2 diabetes loci in 433,540 East Asian individuals		4