

Hiroshi Maegawa

List of Publications by Year in descending order

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329
papers

12,051
citations

24978

57
h-index

42291

92
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342
all docs

342
docs citations

342
times ranked

16767
citing authors

#	ARTICLE	IF	CITATIONS
1	Variants in KCNQ1 are associated with susceptibility to type 2 diabetes mellitus. <i>Nature Genetics</i> , 2008, 40, 1092-1097.	9.4	694
2	Peptide and Protein Library Screening Defines Optimal Substrate Motifs for AKT/PKB. <i>Journal of Biological Chemistry</i> , 2000, 275, 36108-36115.	1.6	349
3	A genome-wide association study in the Japanese population identifies susceptibility loci for type 2 diabetes at UBE2E2 and C2CD4A-C2CD4B. <i>Nature Genetics</i> , 2010, 42, 864-868.	9.4	245
4	Impaired Podocyte Autophagy Exacerbates Proteinuria in Diabetic Nephropathy. <i>Diabetes</i> , 2016, 65, 755-767.	0.3	243
5	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.	5.5	228
6	Oral Administration of Tetrahydrobiopterin Prevents Endothelial Dysfunction and Vascular Oxidative Stress in the Aortas of Insulin-Resistant Rats. <i>Circulation Research</i> , 2000, 87, 566-573.	2.0	224
7	Protein Phosphatase 2A Negatively Regulates Insulin's Metabolic Signaling Pathway by Inhibiting Akt (Protein Kinase B) Activity in 3T3-L1 Adipocytes. <i>Molecular and Cellular Biology</i> , 2004, 24, 8778-8789.	1.1	199
8	SGLT2 Inhibition Mediates Protection from Diabetic Kidney Disease by Promoting Ketone Body-Induced mTORC1 Inhibition. <i>Cell Metabolism</i> , 2020, 32, 404-419.e6.	7.2	197
9	Obesity-Mediated Autophagy Insufficiency Exacerbates Proteinuria-induced Tubulointerstitial Lesions. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 1769-1781.	3.0	185
10	Amelioration of high fructose-induced metabolic derangements by activation of PPAR α . <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 282, E1180-E1190.	1.8	172
11	Genome-Wide Association Study Identifies a Novel Locus Contributing to Type 2 Diabetes Susceptibility in Sikhs of Punjabi Origin From India. <i>Diabetes</i> , 2013, 62, 1746-1755.	0.3	167
12	Genome-wide association study identifies three novel loci for type 2 diabetes. <i>Human Molecular Genetics</i> , 2014, 23, 239-246.	1.4	158
13	Genome-wide association studies in the Japanese population identify seven novel loci for type 2 diabetes. <i>Nature Communications</i> , 2016, 7, 10531.	5.8	149
14	Fenofibrate, a PPAR α agonist, has renoprotective effects in mice by enhancing renal lipolysis. <i>Kidney International</i> , 2011, 79, 871-882.	2.6	145
15	Combined Expression of Pancreatic Duodenal Homeobox 1 and Islet Factor 1 Induces Immature Enterocytes to Produce Insulin. <i>Diabetes</i> , 2002, 51, 1398-1408.	0.3	142
16	Less Subclinical Atherosclerosis in Japanese Men in Japan than in White Men in the United States in the Post-World War II Birth Cohort. <i>American Journal of Epidemiology</i> , 2007, 165, 617-624.	1.6	132
17	Microbiome potentiates endurance exercise through intestinal acetate production. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E956-E966.	1.8	131
18	Replication of Genome-Wide Association Studies of Type 2 Diabetes Susceptibility in Japan. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 3136-3141.	1.8	130

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19	Protein-tyrosine Phosphatase-1B Negatively Regulates Insulin Signaling in L6 Myocytes and Fao Hepatoma Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 10207-10211.	1.6	126
20	Effects of Pemafibrate, a Novel Selective PPAR α Modulator, on Lipid and Glucose Metabolism in Patients With Type 2 Diabetes and Hypertriglyceridemia: A Randomized, Double-Blind, Placebo-Controlled, Phase 3 Trial. <i>Diabetes Care</i> , 2018, 41, 538-546.	4.3	122
21	SIRT3 attenuates palmitate-induced ROS production and inflammation in proximal tubular cells. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1258-1267.	1.3	121
22	MicroRNA-494 regulates mitochondrial biogenesis in skeletal muscle through mitochondrial transcription factor A and Forkhead box j3. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E1419-E1427.	1.8	119
23	Enhanced sodium sensitivity and disturbed circadian rhythm of blood pressure in essential hypertension. <i>Journal of Hypertension</i> , 2006, 24, 1627-1632.	0.3	113
24	Inactivation of TNF α ameliorates diabetic neuropathy in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 301, E844-E852.	1.8	109
25	Impaired Autophosphorylation of Insulin Receptors From Abdominal Skeletal Muscles in Nonobese Subjects With NIDDM. <i>Diabetes</i> , 1991, 40, 815-819.	0.3	99
26	A single-nucleotide polymorphism in ANK1 is associated with susceptibility to type 2 diabetes in Japanese populations. <i>Human Molecular Genetics</i> , 2012, 21, 3042-3049.	1.4	99
27	Fatty acids are novel nutrient factors to regulate mTORC1 lysosomal localization and apoptosis in podocytes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1097-1108.	1.8	99
28	Autophagy as a Therapeutic Target in Diabetic Nephropathy. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-12.	3.8	92
29	Autophagy regulates inflammation in adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 352-357.	1.0	91
30	Emerging role of podocyte autophagy in the progression of diabetic nephropathy. <i>Autophagy</i> , 2015, 11, 2385-2386.	4.3	87
31	Predictive Effects of Urinary Liver-Type Fatty Acidâ€œBinding Protein for Deteriorating Renal Function and Incidence of Cardiovascular Disease in Type 2 Diabetic Patients Without Advanced Nephropathy. <i>Diabetes Care</i> , 2013, 36, 1248-1253.	4.3	86
32	Thiazolidine Derivatives Ameliorate High Glucose-induced Insulin Resistance via the Normalization of Protein-tyrosine Phosphatase Activities. <i>Journal of Biological Chemistry</i> , 1995, 270, 7724-7730.	1.6	84
33	Lysophosphatidylcholine stimulates the expression and production of MCP-1 by human vascular endothelial cells. <i>Metabolism: Clinical and Experimental</i> , 1996, 45, 559-564.	1.5	83
34	Sumoylation of Pdx1 is associated with its nuclear localization and insulin gene activation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 284, E830-E840.	1.8	81
35	Omega-3 polyunsaturated fatty acid has an anti-oxidant effect via the Nrf-2/HO-1 pathway in 3T3-L1 adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 225-230.	1.0	81
36	Association of TCF7L2 polymorphisms with susceptibility to type 2 diabetes in 4,087 Japanese subjects. <i>Journal of Human Genetics</i> , 2008, 53, 174-180.	1.1	80

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37	Oleate and eicosapentaenoic acid attenuate palmitate-induced inflammation and apoptosis in renal proximal tubular cell. <i>Biochemical and Biophysical Research Communications</i> , 2010, 402, 265-271.	1.0	72
38	MiR-494-3p regulates mitochondrial biogenesis and thermogenesis through PGC1- β signalling in beige adipocytes. <i>Scientific Reports</i> , 2018, 8, 15096.	1.6	71
39	Protein-tyrosine Phosphatase 1B as New Activator for Hepatic Lipogenesis via Sterol Regulatory Element-binding Protein-1 Gene Expression. <i>Journal of Biological Chemistry</i> , 2003, 278, 43095-43101.	1.6	70
40	Construction of a prediction model for type 2 diabetes mellitus in the Japanese population based on 11 genes with strong evidence of the association. <i>Journal of Human Genetics</i> , 2009, 54, 236-241.	1.1	70
41	4-Hydroxy Hexenal Derived from Docosahexaenoic Acid Protects Endothelial Cells via Nrf2 Activation. <i>PLoS ONE</i> , 2013, 8, e69415.	1.1	69
42	Genetic variations in the gene encoding TFAP2B are associated with type 2 diabetes mellitus. <i>Journal of Human Genetics</i> , 2005, 50, 283-292.	1.1	68
43	Urinary Potassium Excretion and Renal and Cardiovascular Complications in Patients with Type 2 Diabetes and Normal Renal Function. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015, 10, 2152-2158.	2.2	68
44	Insulin Activates CCAAT/Enhancer Binding Proteins and Proinflammatory Gene Expression through the Phosphatidylinositol 3-Kinase Pathway in Vascular Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 36631-36639.	1.6	67
45	Large-scale survey of rates of achieving targets for blood glucose, blood pressure, and lipids and prevalence of complications in type 2 diabetes (JDDM 40). <i>BMJ Open Diabetes Research and Care</i> , 2016, 4, e000294.	1.2	67
46	Supernormal insulin: [D-PheB24]-insulin with increased affinity for insulin receptors. <i>Biochemical and Biophysical Research Communications</i> , 1982, 107, 329-336.	1.0	66
47	Persistent Activation of Phosphatidylinositol 3-Kinase Causes Insulin Resistance Due to Accelerated Insulin-Induced Insulin Receptor Substrate-1 Degradation in 3T3-L1 Adipocytes*. <i>Endocrinology</i> , 2000, 141, 1930-1935.	1.4	65
48	Reduction of insulin-stimulated glucose uptake by peroxynitrite is concurrent with tyrosine nitration of insulin receptor substrate-1. <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 639-647.	1.0	65
49	Low concentration of 4-hydroxy hexenal increases heme oxygenase-1 expression through activation of Nrf2 and antioxidative activity in vascular endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 402, 99-104.	1.0	65
50	A Mutation of COX6A1 Causes a Recessive Axonal or Mixed Form of Charcot-Marie-Tooth Disease. <i>American Journal of Human Genetics</i> , 2014, 95, 294-300.	2.6	65
51	The Role of Autophagy in the Pathogenesis of Diabetic Nephropathy. <i>Journal of Diabetes Research</i> , 2013, 2013, 1-9.	1.0	64
52	Association between single nucleotide polymorphisms within genes encoding sirtuin families and diabetic nephropathy in Japanese subjects with type 2 diabetes. <i>Clinical and Experimental Nephrology</i> , 2011, 15, 381-390.	0.7	63
53	Regulation of Mitochondrial Biogenesis by Lipoprotein Lipase in Muscle of Insulin-Resistant Offspring of Parents With Type 2 Diabetes. <i>Diabetes</i> , 2012, 61, 877-887.	0.3	63
54	Expression of a Dominant Negative SHP-2 in Transgenic Mice Induces Insulin Resistance. <i>Journal of Biological Chemistry</i> , 1999, 274, 30236-30243.	1.6	62

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55	Association Between Urinary Type IV Collagen Level and Deterioration of Renal Function in Type 2 Diabetic Patients Without Overt Proteinuria. <i>Diabetes Care</i> , 2010, 33, 1805-1810.	4.3	62
56	Association of New Loci Identified in European Genome-Wide Association Studies with Susceptibility to Type 2 Diabetes in the Japanese. <i>PLoS ONE</i> , 2011, 6, e26911.	1.1	62
57	Anti-aging molecule, Sirt1: a novel therapeutic target for diabetic nephropathy. <i>Archives of Pharmacal Research</i> , 2013, 36, 230-236.	2.7	60
58	A high-fiber, low-fat diet improves periodontal disease markers in high-risk subjects: a pilot study. <i>Nutrition Research</i> , 2014, 34, 491-498.	1.3	59
59	Metabolic and hemodynamic effects of sodium-dependent glucose cotransporter 2 inhibitors on cardio-renal protection in the treatment of patients with type 2 diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2017, 8, 416-427.	1.1	59
60	Localization of the Insulin-like Growth Factor I Receptor Binding Sites for the SH2 Domain Proteins p85, Syp, and GTPase Activating Protein. <i>Journal of Biological Chemistry</i> , 1995, 270, 19151-19157.	1.6	58
61	Mammalian autophagy is essential for hepatic and renal ketogenesis during starvation. <i>Scientific Reports</i> , 2016, 6, 18944.	1.6	58
62	Reduction of Microalbuminuria in Patients With Type 2 Diabetes: The Shiga Microalbuminuria Reduction Trial (SMART). <i>Diabetes Care</i> , 2007, 30, 1581-1583.	4.3	56
63	Dapagliflozin as Monotherapy or Combination Therapy in Japanese Patients with Type 2 Diabetes: an Open-Label Study. <i>Diabetes Therapy</i> , 2014, 5, 415-433.	1.2	56
64	Autophagy: Emerging Therapeutic Target for Diabetic Nephropathy. <i>Seminars in Nephrology</i> , 2014, 34, 9-16.	0.6	56
65	Single Nucleotide Polymorphism (468 Gly to Ala) at the Promoter Region of Sterol Regulatory Element-binding Protein-1c Associates with Genetic Defect of Fructose-induced Hepatic Lipogenesis. <i>Journal of Biological Chemistry</i> , 2004, 279, 29031-29042.	1.6	55
66	Gene Therapy for Neuropathic Pain by Silencing of TNF- α Expression with Lentiviral Vectors Targeting the Dorsal Root Ganglion in Mice. <i>PLoS ONE</i> , 2014, 9, e92073.	1.1	54
67	Fiber-rich diet with brown rice improves endothelial function in type 2 diabetes mellitus: A randomized controlled trial. <i>PLoS ONE</i> , 2017, 12, e0179869.	1.1	52
68	Role of Nutrient-Sensing Signals in the Pathogenesis of Diabetic Nephropathy. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	51
69	Amla Enhances Mitochondrial Spare Respiratory Capacity by Increasing Mitochondrial Biogenesis and Antioxidant Systems in a Murine Skeletal Muscle Cell Line. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-11.	1.9	49
70	A primary defect in insulin receptor in a young male patient with insulin resistance. <i>Metabolism: Clinical and Experimental</i> , 1986, 35, 950-955.	1.5	48
71	Intronic Polymorphisms within TFAP2B Regulate Transcriptional Activity and Affect Adipocytokine Gene Expression in Differentiated Adipocytes. <i>Molecular Endocrinology</i> , 2006, 20, 1104-1111.	3.7	48
72	Lipoprotein-associated phospholipase A2 is related to risk of subclinical atherosclerosis but is not supported by Mendelian randomization analysis in a general Japanese population. <i>Atherosclerosis</i> , 2016, 246, 141-147.	0.4	48

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73	Much lower prevalence of coronary calcium detected by electron-beam computed tomography among men aged 40-49 in Japan than in the US, despite a less favorable profile of major risk factors. <i>International Journal of Epidemiology</i> , 2004, 34, 173-179.	0.9	47
74	Protein Phosphatase-2C± as a Positive Regulator of Insulin Sensitivity through Direct Activation of Phosphatidylinositol 3-Kinase in 3T3-L1 Adipocytes. <i>Journal of Biological Chemistry</i> , 2004, 279, 22715-22726.	1.6	47
75	Long chain n-3 polyunsaturated fatty acids and incidence rate of coronary artery calcification in Japanese men in Japan and white men in the USA: population based prospective cohort study. <i>Heart</i> , 2014, 100, 569-573.	1.2	47
76	Hyperglycemia Induces Skin Barrier Dysfunctions with Impairment of Epidermal Integrity in Non-Wounded Skin of Type 1 Diabetic Mice. <i>PLoS ONE</i> , 2016, 11, e0166215.	1.1	47
77	Soy phosphatidylcholine inhibited TLR4-mediated MCP-1 expression in vascular cells. <i>Atherosclerosis</i> , 2009, 205, 404-412.	0.4	45
78	Role of dietary amino acid balance in diet restrictionâ€mediated lifespan extension, renoprotection, and muscle weakness in aged mice. <i>Aging Cell</i> , 2018, 17, e12796.	3.0	45
79	Relationship of Insulin Resistance to Prevalence and Progression of Coronary Artery Calcification Beyond Metabolic Syndrome Components. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1703-1708.	1.1	44
80	Expression of Dominant Negative Mutant SHPTP2 Attenuates Phosphatidylinositol 3â€Kinase Activity via Modulation of Phosphorylation of Insulin Receptor Substrate-1. <i>Journal of Biological Chemistry</i> , 1996, 271, 12595-12602.	1.6	43
81	Endothelium-specific activation of NAD(P)H oxidase in aortas of exogenously hyperinsulinemic rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999, 277, E976-E983.	1.8	43
82	Replication Study for the Association of 9 East Asian GWAS-Derived Loci with Susceptibility to Type 2 Diabetes in a Japanese Population. <i>PLoS ONE</i> , 2013, 8, e76317.	1.1	43
83	Carotid Intima-Media Thickness and Plaque in Apparently Healthy Japanese Individuals with an Estimated 10-Year Absolute Risk of CAD Death According to the Japan Atherosclerosis Society (JAS) Guidelines 2012: The Shiga Epidemiological Study of Subclinical Atherosclerosis (SESSA). <i>Journal of Atherosclerosis and Thrombosis</i> . 2013, 20, 755-766.	0.9	43
84	A fish-based diet intervention improves endothelial function in postmenopausal women with type 2 diabetes mellitus: A randomized crossover trial. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 930-940.	1.5	43
85	Definitive diagnosis of mandibular hypoplasia, deafness, progeroid features and lipodystrophy (MDPL) syndrome caused by a recurrent <i>de novo&/i> mutation in the <i>POLD1&/i> gene. <i>Endocrine Journal</i> , 2018, 65, 227-238.	0.7	42
86	Declining trends of diabetic nephropathy, retinopathy and neuropathy with improving diabetes care indicators in Japanese patients with type 2 and type 1 diabetes (JDDM 46). <i>BMJ Open Diabetes Research and Care</i> , 2018, 6, e000521.	1.2	42
87	Association between urinary angiotensinogen levels and renal and cardiovascular prognoses in patients with type 2 diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2012, 3, 318-324.	1.1	41
88	Predictive Properties of Plasma Amino Acid Profile for Cardiovascular Disease in Patients with Type 2 Diabetes. <i>PLoS ONE</i> , 2014, 9, e101219.	1.1	41
89	1-Methylnicotinamide ameliorates lipotoxicity-induced oxidative stress and cell death in kidney proximal tubular cells. <i>Free Radical Biology and Medicine</i> , 2015, 89, 831-841.	1.3	41
90	Stearoyl-CoA Desaturase-1 Protects Cells against Lipotoxicity-Mediated Apoptosis in Proximal Tubular Cells. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1868.	1.8	41

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91	lpragliflozin, a sodium-glucose cotransporter 2 inhibitor, reduces bodyweight and fat mass, but not muscle mass, in Japanese type 2 diabetes patients treated with insulin: A randomized clinical trial. <i>Journal of Diabetes Investigation</i> , 2019, 10, 1012-1021.	1.1	41
92	Evaluation of a Minimally Invasive System for Measuring Glucose Area under the Curve during Oral Glucose Tolerance Tests: Usefulness of Sweat Monitoring for Precise Measurement. <i>Journal of Diabetes Science and Technology</i> , 2013, 7, 678-688.	1.3	40
93	The Prognosis of Patients With Type 2 Diabetes and Nonalbuminuric Diabetic Kidney Disease Is Not Always Poor: Implication of the Effects of Coexisting Macrovascular Complications (JDDM 54). <i>Diabetes Care</i> , 2020, 43, 1102-1110.	4.3	40
94	Effects of a Fish-Based Diet on the Serum Adiponectin Concentration in Young, Non-Obese, Healthy Japanese Subjects. <i>Journal of Atherosclerosis and Thrombosis</i> , 2010, 17, 628-637.	0.9	39
95	Comparison of HOMA-IR, HOMA-% and disposition index between US white men and Japanese men in Japan: the ERA JUMP study. <i>Diabetologia</i> , 2015, 58, 265-271.	2.9	39
96	Smoking, Smoking Cessation, and Measures of Subclinical Atherosclerosis in Multiple Vascular Beds in Japanese Men. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	39
97	Secular changes in clinical manifestations of kidney disease among Japanese adults with type 2 diabetes from 1996 to 2014. <i>Journal of Diabetes Investigation</i> , 2019, 10, 1032-1040.	1.1	39
98	The Transcription Factor AP-2 Causes Cell Enlargement and Insulin Resistance in 3T3-L1 Adipocytes. <i>Endocrinology</i> , 2006, 147, 1685-1696.	1.4	38
99	A Single Nucleotide Polymorphism within DUSP9 Is Associated with Susceptibility to Type 2 Diabetes in a Japanese Population. <i>PLoS ONE</i> , 2012, 7, e46263.	1.1	38
100	Stiffness and Impaired Blood Flow in Lower-Leg Arteries Are Associated With Severity of Coronary Artery Calcification Among Asymptomatic Type 2 Diabetic Patients. <i>Diabetes Care</i> , 2004, 27, 2409-2415.	4.3	37
101	Transcription Factor Activating Enhancer-binding Protein-2. <i>Journal of Biological Chemistry</i> , 2006, 281, 31245-31253.	1.6	37
102	Role of angiotensin II-mediated AMPK inactivation on obesity-related salt-sensitive hypertension. <i>Biochemical and Biophysical Research Communications</i> , 2012, 418, 559-564.	1.0	37
103	Assessing the Clinical Utility of a Genetic Risk Score Constructed Using 49 Susceptibility Alleles for Type 2 Diabetes in a Japanese Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E1667-E1673.	1.8	37
104	Renoprotective effect of DPP-4 inhibitors against free fatty acid-bound albumin-induced renal proximal tubular cell injury. <i>Biochemical and Biophysical Research Communications</i> , 2016, 470, 539-545.	1.0	37
105	Src homology 2 domains of protein tyrosine phosphatase are associated in vitro with both the insulin receptor and insulin receptor substrate-1 via different phosphotyrosine motifs. <i>FEBS Letters</i> , 1994, 340, 216-220.	1.3	36
106	Gene Therapy for Neuropathic Pain through siRNA-IRF5 Gene Delivery with Homing Peptides to Microglia. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 11, 203-215.	2.3	36
107	4-Hydroxy hexenal derived from dietary n-3 polyunsaturated fatty acids induces anti-oxidative enzyme heme oxygenase-1 in multiple organs. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 991-996.	1.0	35
108	Efficacy and safety of pemafibrate in people with type 2 diabetes and elevated triglyceride levels: 52-week data from the PROVIDE study. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 1737-1744.	2.2	35

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109	Glycated Albumin Predicts the Risk of Mortality in Type 2 Diabetic Patients on Hemodialysis: Evaluation of a Target Level for Improving Survival. <i>Therapeutic Apheresis and Dialysis</i> , 2014, 18, 434-442.	0.4	33
110	Monkeys mutant for PKD1 recapitulate human autosomal dominant polycystic kidney disease. <i>Nature Communications</i> , 2019, 10, 5517.	5.8	33
111	Insulin Signaling and Its Regulation of System A Amino Acid Uptake in Cultured Rat Vascular Smooth Muscle Cells. <i>Circulation Research</i> , 1996, 79, 1167-1176.	2.0	33
112	Haematopoietic cells produce BDNF and regulate appetite upon migration to the hypothalamus. <i>Nature Communications</i> , 2013, 4, 1526.	5.8	32
113	Population Pharmacokinetics and Therapeutic Efficacy of Febuxostat in Patients with Severe Renal Impairment. <i>Pharmacology</i> , 2015, 96, 90-98.	0.9	32
114	Membrane Localization of 3-Phosphoinositide-dependent Protein Kinase-1 Stimulates Activities of Akt and Atypical Protein Kinase C but Does Not Stimulate Glucose Transport and Glycogen Synthesis in 3T3-L1 Adipocytes. <i>Journal of Biological Chemistry</i> , 2002, 277, 38863-38869.	1.6	31
115	Protein-Tyrosine Phosphatase 1B Associates with Insulin Receptor and Negatively Regulates Insulin Signaling without Receptor Internalization. <i>Journal of Biochemistry</i> , 2004, 136, 89-96.	0.9	31
116	Visceral and Subcutaneous Adiposity and Adiponectin in Middle-aged Japanese Men: The ERA JUMP Study. <i>Obesity</i> , 2009, 17, 1269-1273.	1.5	31
117	Serum levels of marine-derived n-3 fatty acids in Icelanders, Japanese, Koreans, and Americans—a descriptive epidemiologic study. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2012, 87, 11-16.	1.0	31
118	GW501516, a PPAR γ Agonist, Ameliorates Tubulointerstitial Inflammation in Proteinuric Kidney Disease via Inhibition of TAK1-NF κ B Pathway in Mice. <i>PLoS ONE</i> , 2011, 6, e25271.	1.1	31
119	Ezetimibe prevents hepatic steatosis induced by a high-fat but not a high-fructose diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E293-E304.	1.8	30
120	Enhanced Intestinal Motility during Oral Glucose Tolerance Test after Laparoscopic Sleeve Gastrectomy: Preliminary Results Using Cine Magnetic Resonance Imaging. <i>PLoS ONE</i> , 2013, 8, e65739.	1.1	30
121	Lifetime cigarette smoking is associated with abdominal obesity in a community-based sample of Japanese men: The Shiga Epidemiological Study of Subclinical Atherosclerosis (SESSA). <i>Preventive Medicine Reports</i> , 2016, 4, 225-232.	0.8	30
122	A variant within the FTO confers susceptibility to diabetic nephropathy in Japanese patients with type 2 diabetes. <i>PLoS ONE</i> , 2018, 13, e0208654.	1.1	30
123	Insulin Production in a Neuroectodermal Tumor that Expresses Islet Factor-1, But Not Pancreatic-Duodenal Homeobox 1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 1795-1800.	1.8	29
124	Abnormal peripheral circulation in type 2 diabetic patients with normal ankle-brachial index associates with coronary atherosclerosis, large artery stiffness, and peripheral vascular resistance. <i>Diabetes Research and Clinical Practice</i> , 2005, 70, 253-262.	1.1	29
125	Safety and efficacy of ipragliflozin in Japanese patients with type 2 diabetes in real-world clinical practice: interim results of the STELLA-LONG TERM post-marketing surveillance study. <i>Expert Opinion on Pharmacotherapy</i> , 2018, 19, 189-201.	0.9	29
126	Higher levels of adiponectin in American than in Japanese men despite obesity. <i>Metabolism: Clinical and Experimental</i> , 2006, 55, 1561-1563.	1.5	28

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127	MafA differentiates rat intestinal cells into insulin-producing cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 136-143.	1.0	28
128	Ketogenic essential amino acids replacement diet ameliorated hepatosteatosis with altering autophagy-associated molecules. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 1605-1612.	1.8	28
129	Use of MRI signal intensity of extraocular muscles to evaluate methylprednisolone pulse therapy in thyroid-associated ophthalmopathy. <i>Japanese Journal of Ophthalmology</i> , 2015, 59, 124-130.	0.9	28
130	Pivotal Role of <i>O</i> -GlcNAc Modification in Cold-Induced Thermogenesis by Brown Adipose Tissue Through Mitochondrial Biogenesis. <i>Diabetes</i> , 2017, 66, 2351-2362.	0.3	28
131	Evaluation of the method of insulin binding studies in human erythrocytes. <i>Endocrinologia Japonica</i> , 1980, 27, 337-342.	0.5	27
132	Fructose induces tubulointerstitial injury in the kidney of mice. <i>Biochemical and Biophysical Research Communications</i> , 2012, 419, 244-249.	1.0	27
133	MicroRNA148b-3p inhibits mTORC1-dependent apoptosis in diabetes by repressing TNFR2 in proximal tubular cells. <i>Kidney International</i> , 2016, 90, 1211-1225.	2.6	27
134	Association between serum soluble TNF receptors and renal dysfunction in type 2 diabetic patients without proteinuria. <i>Diabetes Research and Clinical Practice</i> , 2011, 92, 174-180.	1.1	25
135	Statin use and all-cause and cancer mortality: BioBank Japan cohort. <i>Journal of Epidemiology</i> , 2017, 27, S84-S91.	1.1	25
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