Michio Shimabukuro

List of Publications by Year
in descending order

178 papers	10,349 citations	66234 42 h-index	34900 98 g-index
191 all docs	191 docs citations	191 times ranked	15395 citing authors

#	Article	IF	Citations
1	Increased oxidative stress in obesity and its impact on metabolic syndrome. Journal of Clinical Investigation, 2004, 114, 1752-1761.	3.9	4,302
2	Hypoadiponectinemia Is Closely Linked to Endothelial Dysfunction in Man. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 3236-3240.	1.8	345
3	Angiopoietin-like Protein 2 Promotes Chronic Adipose Tissue Inflammation and Obesity-Related Systemic Insulin Resistance. Cell Metabolism, 2009, 10, 178-188.	7.2	302
4	Systemic Oxidative Stress is Associated With Visceral Fat Accumulation and the Metabolic Syndrome. Circulation Journal, 2006, 70, 1437-1442.	0.7	248
5	Role of nitric oxide in obesity-induced beta cell disease.. Journal of Clinical Investigation, 1997, 100, 290-295.	3.9	244
6	Obesity-induced DNA released from adipocytes stimulates chronic adipose tissue inflammation and insulin resistance. Science Advances, 2016, 2, e1501332.	4.7	209
7	Epicardial Adipose Tissue Volume and Adipocytokine Imbalance Are Strongly Linked to Human Coronary Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1077-1084.	1.1	175
8	Vascular Lipotoxicity: Endothelial Dysfunction via Fatty-Acid-Induced Reactive Oxygen Species Overproduction in Obese Zucker Diabetic Fatty Rats. Endocrinology, 2007, 148, 160-165.	1.4	156
9	Rivaroxaban, a novel oral anticoagulant, attenuates atherosclerotic plaque progression and destabilization in ApoE-deficient mice. Atherosclerosis, 2015, 242, 639-646.	0.4	143
10	Effects of a Single Administration of Acarbose on Postprandial Glucose Excursion and Endothelial Dysfunction in Type 2 Diabetic Patients: A Randomized Crossover Study. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 837-842.	1.8	126
11	Canagliflozin reduces epicardial fat in patients with type 2 diabetes mellitus. Diabetology and Metabolic Syndrome, 2017, 9, 78.	1.2	117
12	Brachial-Ankle Pulse Wave Velocity Predicts All-Cause Mortality and Cardiovascular Events in Patients With Diabetes: The Kyushu Prevention Study of Atherosclerosis. Diabetes Care, 2014, 37, 2383-2390.	4.3	96
13	Glycemic Control with Ipragliflozin, a Novel Selective SGLT2 Inhibitor, Ameliorated Endothelial Dysfunction in Streptozotocin-Induced Diabetic Mouse. Frontiers in Cardiovascular Medicine, 2016, 3, 43.	1.1	93
14	Cardiac Adiposity and Global Cardiometabolic Risk New Concept and Clinical Implication. Circulation Journal, 2009, 73, 27-34.	0.7	92
15	Brown Rice and Its Component, Î³-Oryzanol, Attenuate the Preference for High-Fat Diet by Decreasing Hypothalamic Endoplasmic Reticulum Stress in Mice. Diabetes, 2012, 61, 3084-3093.	0.3	87
16	Effects of telmisartan on fat distribution in individuals with the metabolic syndrome. Journal of Hypertension, 2007, 25, 841-848.	0.3	86
17	A novel index of insulin resistance determined from the homeostasis model assessment index and adiponectin levels in Japanese subjects. Diabetes Research and Clinical Practice, 2007, 77, 151-154.	1.1	71
18	Natural food science based novel approach toward prevention and treatment of obesity and type 2 diabetes: Recent studies on brown rice and Î³-oryzanol. Obesity Research and Clinical Practice, 2013, 7, e165-e172.	0.8	71

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19	Inhibition of the Renin-Angiotensin System Prevents Free Fatty Acidâ€“Induced Acute Endothelial Dysfunction in Humans. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 2376-2380.	1.1	70
20	HMGB1 plays a critical role in vascular inflammation and lesion formation via toll-like receptor 9. Atherosclerosis, 2013, 231, 227-233.	0.4	70
21	Perivascular adipose tissue-secreted angiopoietin-like protein 2 (Angptl2) accelerates neointimal hyperplasia after endovascular injury. Journal of Molecular and Cellular Cardiology, 2013, 57, 1-12.	0.9	70
22	Leptin- or troglitazone-induced lipopenia protects islets from interleukin 1beta cytotoxicity.. Journal of Clinical Investigation, 1997, 100, 1750-1754.	3.9	70
23	Effects of the brown rice diet on visceral obesity and endothelial function: the BRAVO study. British Journal of Nutrition, 2014, 111, 310-320.	1.2	69
24	Adipose expression of catalase is regulated via a novel remote PPARÎ³-responsive region. Biochemical and Biophysical Research Communications, 2008, 366, 698-704.	1.0	63
25	STING, a cytosolic DNA sensor, plays a critical role in atherogenesis: a link between innate immunity and chronic inflammation caused by lifestyle-related diseases. European Heart Journal, 2021, 42, 4336-4348.	1.0	61
26	Induction of Uncoupling Protein-2 mRNA by Troglitazone in the Pancreatic Islets of Zucker Diabetic Fatty Rats. Biochemical and Biophysical Research Communications, 1997, 237, 359-361.	1.0	60
27	Ectopic fat deposition and global cardiometabolic risk: New paradigm in cardiovascular medicine. Journal of Medical Investigation, 2013, 60, 1-14.	0.2	60
28	Telmisartan ameliorates insulin sensitivity by activating the AMPK/SIRT1 pathway in skeletal muscle of obese db/db mice. Cardiovascular Diabetology, 2012, 11, 139.	2.7	56
29	Expression of NLRP3 in subcutaneous adipose tissue is associated with coronary atherosclerosis. Atherosclerosis, 2015, 242, 407-414.	0.4	56
30	Protease-Activated Receptor-2 Plays a Critical Role in Vascular Inflammation and Atherosclerosis in Apolipoprotein Eâ€“Deficient Mice. Circulation, 2018, 138, 1706-1719.	1.6	55
31	Effects of dietary composition on postprandial endothelial function and adiponectin concentrations in healthy humans: a crossover controlled study. American Journal of Clinical Nutrition, 2007, 86, 923-928.	2.2	53
32	Factors Associated with Risk of Diabetic Complications in Novel Cluster-Based Diabetes Subgroups: A Japanese Retrospective Cohort Study. Journal of Clinical Medicine, 2020, 9, 2083.	1.0	52
33	Gender disparities in the association between epicardial adipose tissue volume and coronary atherosclerosis: A 3-dimensional cardiac computed tomography imaging study in Japanese subjects. Cardiovascular Diabetology, 2012, 11, 106.	2.7	51
34	Exendin-4, a glucagon-like peptide-1 receptor agonist, attenuates neointimal hyperplasia after vascular injury. European Journal of Pharmacology, 2013, 699, 106-111.	1.7	51
35	Î³-Oryzanol Protects Pancreatic Î²-Cells Against Endoplasmic Reticulum Stress in Male Mice. Endocrinology, 2015, 156, 1242-1250.	1.4	51
36	n-3 Polyunsaturated Fatty Acids: Promising Nutrients for Preventing Cardiovascular Disease. Journal of Atherosclerosis and Thrombosis, 2017, 24, 999-1010.	0.9	51

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37	Tollâ€Like Receptor 9 Plays a Pivotal Role in Angiotensin IIâ€“Induced Atherosclerosis. Journal of the American Heart Association, 2019, 8, e010860.	1.6	49
38	Azilsartan, an angiotensin II type 1 receptor blocker, restores endothelial function by reducing vascular inflammation and by increasing the phosphorylation ratio Ser1177/Thr497 of endothelial nitric oxide synthase in diabetic mice. Cardiovascular Diabetology, 2014, 13, 30.	2.7	46
39	Dipeptidyl peptidase-4 inhibitor, linagliptin, ameliorates endothelial dysfunction and atherogenesis in normoglycemic apolipoprotein-E deficient mice. Vascular Pharmacology, 2016, 79, 16-23.	1.0	45
40	Effect of Empagliflozin on Endothelial Function in Patients With Type 2 Diabetes and Cardiovascular Disease: Results from the Multicenter, Randomized, Placebo-Controlled, Double-Blind EMBLEM Trial. Diabetes Care, 2019, 42, e159-e161.	4.3	45
41	Resistance to adenovirally induced hyperleptinemia in rats. Comparison of ventromedial hypothalamic lesions and mutated leptin receptors.. Journal of Clinical Investigation, 1998, 102, 728-733.	3.9	45
42	The Radioprotective 105/MD-1 Complex Contributes to Diet-Induced Obesity and Adipose Tissue Inflammation. Diabetes, 2012, 61, 1199-1209.	0.3	43
43	Role of macrophage-derived hypoxia-inducible factor (HIF)-1Î± as a mediator of vascular remodelling. Cardiovascular Research, 2013, 99, 705-715.	1.8	43
44	Enhanced insulin response relates to acetylcholine-induced vasoconstriction in vasospastic angina. Journal of the American College of Cardiology, 1995, 25, 356-361.	1.2	42
45	Teneligliptin, a dipeptidyl peptidase-4 inhibitor, attenuated pro-inflammatory phenotype of perivascular adipose tissue and inhibited atherogenesis in normoglycemic apolipoprotein-E-deficient mice. Vascular Pharmacology, 2017, 96-98, 19-25.	1.0	41
46	Brown riceâ€specific Î³â€oryzanol as a promising prophylactic avenue to protect against diabetes mellitus and obesity in humans. Journal of Diabetes Investigation, 2019, 10, 18-25.	1.1	40
47	MicroRNA-378 Regulates Adiponectin Expression in Adipose Tissue: A New Plausible Mechanism. PLoS ONE, 2014, 9, e111537.	1.1	40
48	Association of borderline ankle-brachial index with mortality and the incidence of peripheral artery disease in diabetic patients. Atherosclerosis, 2014, 234, 360-365.	0.4	39
49	Extra-virgin olive oil and the gut-brain axis: influence on gut microbiota, mucosal immunity, and cardiometabolic and cognitive health. Nutrition Reviews, 2021, 79, 1362-1374.	2.6	39
50	A single dose of nateglinide improves post-challenge glucose metabolism and endothelial dysfunction in TypeÂ2 diabetic patients. Diabetic Medicine, 2004, 21, 983-986.	1.2	38
51	Activity of xanthine oxidase in plasma correlates with indices of insulin resistance and liver dysfunction in patients with type 2 diabetes mellitus and metabolic syndrome: A pilot exploratory study. Journal of Diabetes Investigation, 2019, 10, 94-103.	1.1	38
52	Combination of n-3 polyunsaturated fatty acids reduces atherogenesis in apolipoprotein E-deficient mice by inhibiting macrophage activation. Atherosclerosis, 2016, 254, 142-150.	0.4	37
53	Relationship between local production of microRNA-328 and atrial substrate remodeling in atrial fibrillation. Journal of Cardiology, 2016, 68, 472-477.	0.8	36
54	Fast eating is a strong risk factor for new-onset diabetes among the Japanese general population. Scientific Reports, 2019, 9, 8210.	1.6	36

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55	Impaired Glucose Tolerance, but Not Impaired Fasting Glucose, Underlies Left Ventricular Diastolic Dysfunction. Diabetes Care, 2011, 34, 686-690.	4.3	35
56	Miglitol, Î±-glycosidase inhibitor, reduces visceral fat accumulation and cardiovascular risk factors in subjects with the metabolic syndrome: A randomized comparable study. International Journal of Cardiology, 2013, 167, 2108-2113.	0.8	33
57	Plasma MicroRNA-100 Is Associated With Coronary Plaque Vulnerability. Circulation Journal, 2015, 79, 413-418.	0.7	32
58	Usefulness of Epicardial Adipose Tissue Volume to Predict Recurrent Atrial Fibrillation After Radiofrequency Catheter Ablation. American Journal of Cardiology, 2018, 122, 1694-1700.	0.7	30
59	High Prevalence of Metabolic Syndrome among Men in Okinawa. Journal of Atherosclerosis and Thrombosis, 2005, 12, 284-288.	0.9	30
60	High prevalence of peripheral arterial disease diagnosed by low ankleâ€“brachial index in Japanese patients with diabetes: The Kyushu Prevention Study for Atherosclerosis. Diabetes Research and Clinical Practice, 2008, 82, 378-382.	1.1	29
61	Effects of Docosahexaenoic Acid on the Endothelial Function in Patients with Coronary Artery Disease. Journal of Atherosclerosis and Thrombosis, 2015, 22, 447-454.	0.9	29
62	Association of Polypharmacy with Kidney Disease Progression in Adults with CKD. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 1797-1804.	2.2	29
63	Rationale and design of a multicenter placebo-controlled double-blind randomized trial to evaluate the effect of empagliflozin on endothelial function: the EMBLEM trial. Cardiovascular Diabetology, 2017, 16, 48.	2.7	28
64	Protein kinase B/Akt signalling is required for palmitate-induced beta-cell lipotoxicity. Diabetes, Obesity and Metabolism, 2006, 8, 228-233.	2.2	27
65	Elevated Concentration of Interferon-Inducible Protein of 10 kD (IP-10) Is Associated With Coronary Atherosclerosis. International Heart Journal, 2015, 56, 269-272.	0.5	27
66	Effect of the Epicardial Adipose Tissue Volume on the Prevalence of Paroxysmal and Persistent Atrial Fibrillation. Circulation Journal, 2018, 82, 1778-1787.	0.7	27
67	Cilazapril Prevents Cardiac Hypertrophy and Postischemic Myocardial Dysfunction in Hyperthyroid Rats. Thyroid, 2001, 11, 1009-1015.	2.4	26
68	Rivaroxaban, a specific FXa inhibitor, improved endothelium-dependent relaxation of aortic segments in diabetic mice. Scientific Reports, 2019, 9, 11206.	1.6	26
69	Lipid Deposition in Various Sites of the Skeletal Muscles and Liver Exhibits a Positive Correlation with Visceral Fat Accumulation in Middle-aged Japanese Men with Metabolic Syndrome. Internal Medicine, 2013, 52, 1561-1571.	0.3	25
70	Leptin Resistance and Lipolysis of White Adipose Tissue: An Implication to Ectopic Fat Disposition and Its Consequences. Journal of Atherosclerosis and Thrombosis, 2017, 24, 1088-1089.	0.9	25
71	Reduced ratio of eicosapentaenoic acid and docosahexaenoic acid to arachidonic acid is associated with early onset of acute coronary syndrome. Nutrition Journal, 2015, 14, 111.	1.5	24
72	Î±-Glucosidase inhibitor miglitol attenuates glucose fluctuation, heart rate variability and sympathetic activity in patients with type 2 diabetes and acute coronary syndrome: a multicenter randomized controlled (MACS) study. Cardiovascular Diabetology, 2017, 16, 86.	2.7	24

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73	Novel strategies for glycaemic control and preventing diabetic complications applying the clustering-based classification of adult-onset diabetes mellitus: A perspective. Diabetes Research and Clinical Practice, 2021, 180, 109067.	1.1	24
74	Xanthine oxidase inhibitors are associated with reduced risk of cardiovascular disease. Scientific Reports, 2021, 11, 1380.	1.6	23
75	Protective effects of selective mineralocorticoid receptor antagonist against aortic aneurysm progression in a novel murine model. Journal of Surgical Research, 2013, 185, 455-462.	0.8	22
76	Association of lower limb muscle mass and energy expenditure with visceral fat mass in healthy men. Diabetology and Metabolic Syndrome, 2014, 6, 27.	1.2	22
77	Rationale and design of a multicenter randomized controlled study to evaluate the preventive effect of ipragliflozin on carotid atherosclerosis: the PROTECT study. Cardiovascular Diabetology, 2016, 15, 133.	2.7	22
78	Inhibition of activated factor X by rivaroxaban attenuates neointima formation after wire-mediated vascular injury. European Journal of Pharmacology, 2018, 820, 222-228.	1.7	22
79	Local Thickness of Epicardial Adipose Tissue Surrounding the Left Anterior Descending Artery Is a Simple Predictor of Coronary Artery Diseaseã€€â€• New Prediction Model in Combination With Framingham Risk Score â€•. Circulation Journal, 2018, 82, 1369-1378.	0.7	22
80	Metabolically and immunologically beneficial impact of extra virgin olive and flaxseed oils on composition of gut microbiota in mice. European Journal of Nutrition, 2020, 59, 2411-2425.	1.8	22
81	Thrombin inhibition by dabigatran attenuates endothelial dysfunction in diabetic mice. Vascular Pharmacology, 2020, 124, 106632.	1.0	22
82	Reduction of estimated fluid volumes following initiation of empagliflozin in patients with type 2 diabetes and cardiovascular disease: a secondary analysis of the placebo-controlled, randomized EMBLEM trial. Cardiovascular Diabetology, 2021, 20, 105.	2.7	22
83	Activation of AMPKâ€“Sirt1 pathway by telmisartan in white adipose tissue: A possible link to anti-metabolic effects. European Journal of Pharmacology, 2012, 692, 84-90.	1.7	21
84	Ghrelin protects the heart against ischemia-induced arrhythmias by preserving connexin-43 protein. Heart and Vessels, 2013, 28, 795-801.	0.5	21
85	Effect of Anagliptin and Sitagliptin on Low-Density Lipoprotein Cholesterol in Type 2 Diabetic Patients with Dyslipidemia and Cardiovascular Risk: Rationale and Study Design of the REASON Trial. Cardiovascular Drugs and Therapy, 2018, 32, 73-80.	1.3	20
86	Treatment with anagliptin, a DPP-4 inhibitor, decreases FABP4 concentration in patients with type 2 diabetes mellitus at a high risk for cardiovascular disease who are receiving statin therapy. Cardiovascular Diabetology, 2020, 19, 89.	2.7	20
87	Eicosapentaenoic Acid Supplementation Changes Fatty Acid Composition and Corrects Endothelial Dysfunction in Hyperlipidemic Patients. Cardiology Research and Practice, 2012, 2012, 1-9.	0.5	19
88	Effect of ghrelin on autonomic activity in healthy volunteers. Peptides, 2014, 62, 1-5.	1.2	19
89	Pentraxin 3 is a local inflammatory marker in atrial fibrillation. Heart and Vessels, 2014, 29, 653-658.	0.5	19
90	Fluvastatin improves endothelial dysfunction in overweight postmenopausal women through small dense low-density lipoprotein reduction. Metabolism: Clinical and Experimental, 2004, 53, 733-739.	1.5	18

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91	Electrophysiologic Characteristics of Atrial Myocytes in Levo-thyroxine-Treated Rats. Thyroid, 2005, 15, 3-11.	2.4	18
92	Serum concentration of eicosapentaenoic acid is associated with cognitive function in patients with coronary artery disease. Nutrition Journal, 2014, 13, 112.	1.5	17
93	Predictive Factors for Efficacy of Dipeptidyl Peptidase-4 Inhibitors in Patients with Type 2 Diabetes Mellitus. Diabetes and Metabolism Journal, 2015, 39, 342.	1.8	17
94	Predictors for the Treatment Effect of Sodium Glucose Co-transporter 2 Inhibitors in Patients with Type 2 Diabetes Mellitus. Advances in Therapy, 2018, 35, 124-134.	1.3	16
95	New risk prediction model of coronary heart disease in participants with and without diabetes: Assessments of the Framingham risk and Suita scores in 3-year longitudinal database in a Japanese population. Scientific Reports, 2019, 9, 2813.	1.6	16
96	Prognostic Value of Lactate Dehydrogenase for Mid-Term Mortality in Acute Decompensated Heart Failure: AÂComparison to Established Biomarkers and Brain Natriuretic Peptide. Heart Lung and Circulation, 2020, 29, 1318-1327.	0.2	16
97	Walking Speed is the Sole Determinant Criterion of Sarcopenia of Mild Cognitive Impairment in Japanese Elderly Patients with Type 2 Diabetes Mellitus. Journal of Clinical Medicine, 2020, 9, 2133.	1.0	16
98	Comparison of the antioxidant and vascular effects of gliclazide and glibenclamide in Type 2 diabetic patients. Journal of Diabetes and Its Complications, 2006, 20, 179-183.	1.2	15
99	A novel insulinotropic mechanism of whole grainâ€derived Î³â€oryzanol via the suppression of local dopamine <scp>D₂</scp> receptor signalling in mouse islet. British Journal of Pharmacology, 2015, 172, 4519-4534.	2.7	15
100	The pathophysiological role of oxidized cholesterols in epicardial fat accumulation and cardiac dysfunction: a study in swine fed a high caloric diet with an inhibitor of intestinal cholesterol absorption, ezetimibe. Journal of Nutritional Biochemistry, 2016, 35, 66-73.	1.9	15
101	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, 2022, 13, 1-30.	0.7	15
102	Chronic gliclazide treatment affects basal and post-ischemic cardiac function in diabetic rats. General Pharmacology, 1994, 25, 697-704.	0.7	14
103	Impact of individual metabolic risk components or its clustering on endothelial and smooth muscle cell function in men. Cardiovascular Diabetology, 2016, 15, 77.	2.7	14
104	Secondary analyses to assess the profound effects of empagliflozin on endothelial function in patients with typeÂ2 diabetes and established cardiovascular diseases: The placeboâ€controlled doubleâ€blind randomized effect of empagliflozin on endothelial function in cardiovascular high risk diabetes mellitus: Multiâ€center placeboâ€controlled doubleâ€blind randomized trial. Journal of Diabetes Investigation, 2020, 11, 1551-1563.	1.1	14
105	High FIB4 index is an independent risk factor of diabetic kidney disease in type 2 diabetes. Scientific Reports, 2021, 11, 11753.	1.6	14
106	Cilostazol, a phosphodiesterase inhibitor, reduces microalbuminuria in the insulin-resistant Otsuka Long-Evans Tokushima Fatty rat. Metabolism: Clinical and Experimental, 2004, 53, 1405-1410.	1.5	13
107	Distinct effects of pitavastatin and atorvastatin on lipoprotein subclasses in patients with Typeâ€ƒ2 diabetes mellitus. Diabetic Medicine, 2011, 28, 856-864.	1.2	13
108	A synthetic prostacyclin agonist with thromboxane synthase inhibitory activity, ONO-1301, protects myocardium from ischemia/reperfusion injury. European Journal of Pharmacology, 2012, 674, 352-358.	1.7	13

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109	Minimal Shortening of Leukocyte Telomere Length Across Age Groups in a Cross-Sectional Study for Carriers of a Longevity-Associated FOXO3 Allele. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 1448-1452.	1.7	13
110	Associations between Dietary Patterns and Cardiometabolic Risks in Japan: A Cross-Sectional Study from the Fukushima Health Management Survey, 2011â€“2015. Nutrients, 2020, 12, 129.	1.7	13
111	Deleterious Effects of Epicardial Adipose Tissue Volume on Global Longitudinal Strain in Patients With Preserved Left Ventricular Ejection Fraction. Frontiers in Cardiovascular Medicine, 2020, 7, 607825.	1.1	13
112	Risk Classification for Metabolic Syndrome and the Incidence of Cardiovascular Disease in Japan With Low Prevalence of Obesity: A Pooled Analysis of 10 Prospective Cohort Studies. Journal of the American Heart Association, 2021, 10, e020760.	1.6	13
113	Triiodothyronine concomitantly inhibits calcium overload and postischemic myocardial stunning in diabetic rats. Life Sciences, 2001, 69, 1907-1918.	2.0	12
114	Depotâ€•and genderâ€šspecific expression of NLRP3 inflammasome and tollâ€like receptors in adipose tissue of cancer patients. BioFactors, 2016, 42, 397-406.	2.6	12
115	Low fasting plasma glucose level as a predictor of new-onset diabetes mellitus on a large cohort from a Japanese general population. Scientific Reports, 2018, 8, 13927.	1.6	12
116	Randomized Evaluation of Anagliptin vs Sitagliptin On low-density lipoproteiN cholesterol in diabetes (REASON) Trial: A 52-week, open-label, randomized clinical trial. Scientific Reports, 2019, 9, 8537.	1.6	12
117	Differences in lipid metabolism between anagliptin and sitagliptin in patients with type 2 diabetes on statin therapy: a secondary analysis of the REASON trial. Cardiovascular Diabetology, 2019, 18, 158.	2.7	12
118	Association of Local Epicardial Adipose Tissue Depots and Left Ventricular Diastolic Performance in Patients With Preserved Left Ventricular Ejection Fraction. Circulation Journal, 2020, 84, 203-216.	0.7	12
119	Association between serum potassium levels and adverse outcomes in chronic kidney disease: the Fukushima CKD cohort study. Clinical and Experimental Nephrology, 2021, 25, 410-417.	0.7	12
120	Echocardiographic Epicardial Adipose Tissue Thickness Is Associated with Symptomatic Coronary Vasospasm during Provocative Testing. Journal of the American Society of Echocardiography, 2017, 30, 1021-1027.e1.	1.2	11
121	Low Serum Levels of Eicosapentaenoic Acid and Docosahexaenoic Acid are Risk Factors for Cardiogenic Syncope in Patients with Brugada Syndrome. International Heart Journal, 2017, 58, 720-723.	0.5	11
122	Gender-linked impact of epicardial adipose tissue volume in patients who underwent coronary artery bypass graft surgery or non-coronary valve surgery. PLoS ONE, 2017, 12, e0177170.	1.1	11
123	Rationale and design of an investigator-initiated, multicenter, prospective open-label, randomized trial to evaluate the effect of ipragliflozin on endothelial dysfunction in type 2 diabetes and chronic kidney disease: the PROCEED trial. Cardiovascular Diabetology, 2020, 19, 85.	2.7	11
124	Fast walking is a preventive factor against new-onset diabetes mellitus in a large cohort from a Japanese general population. Scientific Reports, 2021, 11, 716.	1.6	11
125	Fermented brown rice beverage distinctively modulates the gut microbiota in Okinawans with metabolic syndrome: A randomized controlled trial. Nutrition Research, 2022, 103, 68-81.	1.3	11
126	Identification of three new mutations of the HNF-1 Î± gene in Japanese MODY families. Diabetologia, 2002, 45, 1713-1718.	2.9	10

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127	Levels of Adiponectin Expression in Peri-Renal and Subcutaneous Adipose Tissue and Its Determinants in Human Biopsied Samples. Frontiers in Endocrinology, 2019, 10, 897.	1.5	10
128	Subclinical Carotid Atherosclerosis Burden in the Japanese: Comparison between Okinawa and Nagano Residents. Journal of Atherosclerosis and Thrombosis, 2015, 22, 854-868.	0.9	10
129	Effective prediction of response to cardiac resynchronization therapy using a novel program of gated myocardial perfusion single photon emission computed tomography. Europace, 2011, 13, 1731-1737.	0.7	9
130	Defects of vascular nitric oxide bioavailability in subjects with impaired glucose tolerance: A potential link to insulin resistance. International Journal of Cardiology, 2013, 167, 298-300.	0.8	9
131	Blood pressure control in chronic kidney disease according to underlying renal disease: the Fukushima CKD cohort. Clinical and Experimental Nephrology, 2020, 24, 427-434.	0.7	9
132	Retrospective exploratory analyses on gender differences in determinants for incidence and progression of diabetic retinopathy in Japanese patients with type 2 diabetes mellitus. Endocrine Journal, 2021, 68, 655-669.	0.7	8
133	Beneficial effect of a synthetic prostacyclin agonist, ONO-1301, in rat autoimmune myocarditis model. European Journal of Pharmacology, 2013, 699, 81-87.	1.7	7
134	Improved Exercise Capacity After Cardiac Rehabilitation Is Associated with Reduced Visceral Fat in Patients with Chronic Heart Failure. International Heart Journal, 2017, 58, 746-751.	0.5	7
135	Activation of Toll-Like Receptor 9 Impairs Blood Flow Recovery After Hind-Limb Ischemia. Frontiers in Cardiovascular Medicine, 2018, 5, 144.	1.1	7
136	Comparison of the prognostic values of three calculation methods for echocardiographic relative wall thickness in acute decompensated heart failure. Cardiovascular Ultrasound, 2019, 17, 30.	0.5	7
137	Incremental Prognostic Value of Platelet Count in Patients With Acute Heart Failureã€€â€• A Retrospective Observational Study â€•. Circulation Journal, 2019, 83, 576-583.	0.7	7
138	Independent and Distinct Associations of FABP4 and FABP5 With Metabolic Parameters in Type 2 Diabetes Mellitus. Frontiers in Endocrinology, 2020, 11, 575557.	1.5	7
139	Dietary Patterns and Progression of Impaired Kidney Function in Japanese Adults: A Longitudinal Analysis for the Fukushima Health Management Survey, 2011â€“2015. Nutrients, 2021, 13, 168.	1.7	7
140	Effect of Sodium Channel Blocker, Pilsicainide Hydrochloride, on Net Inward Current of Atrial Myocytes in Thyroid Hormone Toxicosis Rats. Thyroid, 2005, 15, 653-659.	2.4	6
141	Association of Decreased Docosahexaenoic Acid Level After Statin Therapy and Low Eicosapentaenoic Acid Level with In-Stent Restenosis in Patients with Acute Coronary Syndrome. Journal of Atherosclerosis and Thrombosis, 2019, 26, 272-281.	0.9	6
142	The prognostic impact of a concentric left ventricular structure evaluated by transthoracic echocardiography in patients with acute decompensated heart failure: A retrospective study. International Journal of Cardiology, 2019, 287, 73-80.	0.8	6
143	SIRT1 and Gender Differences in Atherosclerotic Cardiovascular Disease. Journal of Atherosclerosis and Thrombosis, 2020, 27, 8-10.	0.9	6
144	Histopathological heterogeneity of inÂstent restenosis in four coronary endarterectomy specimens. Cardiovascular Pathology, 2015, 24, 194-197.	0.7	5

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145	Preliminary Evidence for Adipocytokine Signals in Skeletal Muscle Glucose Uptake. Frontiers in Endocrinology, 2018, 9, 295.	1.5	5
146	Status of Anemia According to Underlying Renal Disease in Chronic Kidney Disease: The Fukushima CKD Cohort. Annals of Clinical Epidemiology, 2021, 3, 27-35.	0.3	5
147	Relationship between physical activity/exercise habits and the frequency of new onset of lifestyle-related diseases after the Great East Japan Earthquake among residents in Fukushima: the Fukushima Health Management Survey. Journal of Radiation Research, 2021, 62, i129-i139.	0.8	5
148	Effect of Anagliptin versus Sitagliptin on Inflammatory Markers: Sub-Analysis from the REASON Trial . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 4993-5001.	1.1	5
149	Relationship Between Risk of Hyper-Low-density Lipoprotein Cholesterolemia and Evacuation After the Great East Japan Earthquake. Journal of Epidemiology, 2021, , .	1.1	4
150	Differential Effects of DPP-4 Inhibitors, Anagliptin and Sitagliptin, on PCSK9 Levels in Patients with Type 2 Diabetes Mellitus who are Receiving Statin Therapy. Journal of Atherosclerosis and Thrombosis, 2020, 29, .	0.9	4
151	Effect of gliclazide on the functional response to calcium in diabetic rat heart. General Pharmacology, 1996, 27, 471-475.	0.7	3
152	Intensive Glucose Lowering in Cardiovascular Risk Management. Circulation Journal, 2012, 76, 593-595.	0.7	3
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