

Ken-ichi Aihara

List of Publications by Year in descending order

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76
papers

2,484
citations

236612

25
h-index

205818

48
g-index

78
all docs

78
docs citations

78
times ranked

3552
citing authors

#	ARTICLE	IF	CITATIONS
1	Suppressive function of androgen receptor in bone resorption. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9416-9421.	3.3	288
2	Brain masculinization requires androgen receptor function. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1673-1678.	3.3	264
3	Disruption of Nuclear Vitamin D Receptor Gene Causes Enhanced Thrombogenicity in Mice. Journal of Biological Chemistry, 2004, 279, 35798-35802.	1.6	225
4	Vitamin D Receptor in Osteoblasts Is a Negative Regulator of Bone Mass Control. Endocrinology, 2013, 154, 1008-1020.	1.4	139
5	Androgen Receptor Gene Knockout Male Mice Exhibit Impaired Cardiac Growth and Exacerbation of Angiotensin II-induced Cardiac Fibrosis. Journal of Biological Chemistry, 2005, 280, 29661-29666.	1.6	128
6	Pitavastatin, an HMG-CoA Reductase Inhibitor, Exerts eNOS-Independent Protective Actions Against Angiotensin II-induced Cardiovascular Remodeling and Renal Insufficiency. Circulation Research, 2008, 102, 68-76.	2.0	77
7	Heparin Cofactor II Is a Novel Protective Factor Against Carotid Atherosclerosis in Elderly Individuals. Circulation, 2004, 109, 2761-2765.	1.6	73
8	Deferoxamine promotes angiogenesis via the activation of vascular endothelial cell function. Atherosclerosis, 2011, 215, 339-347.	0.4	66
9	High Plasma Heparin Cofactor II Activity Is Associated With Reduced Incidence of In-Stent Restenosis After Percutaneous Coronary Intervention. Circulation, 2004, 109, 481-486.	1.6	57
10	Androgen-Androgen Receptor System Protects against Angiotensin II-Induced Vascular Remodeling. Endocrinology, 2009, 150, 2857-2864.	1.4	57
11	Androgen Receptor Counteracts Doxorubicin-Induced Cardiotoxicity in Male Mice. Molecular Endocrinology, 2010, 24, 1338-1348.	3.7	57
12	Chondromodulin I Is a Bone Remodeling Factor. Molecular and Cellular Biology, 2003, 23, 636-644.	1.1	54
13	Endothelial Nitric Oxide Synthase-independent Protective Action of Statin Against Angiotensin II-induced Atrial Remodeling via Reduced Oxidant Injury. Hypertension, 2010, 55, 918-923.	1.3	54
14	Androgen Receptor Promotes Sex-Independent Angiogenesis in Response to Ischemia and Is Required for Activation of Vascular Endothelial Growth Factor Receptor Signaling. Circulation, 2013, 128, 60-71.	1.6	52
15	n-3 Polyunsaturated Fatty Acids: Promising Nutrients for Preventing Cardiovascular Disease. Journal of Atherosclerosis and Thrombosis, 2017, 24, 999-1010.	0.9	51
16	Ezetimibe Ameliorates Metabolic Disorders and Microalbuminuria in Patients with Hypercholesterolemia. Journal of Atherosclerosis and Thrombosis, 2010, 17, 173-180.	0.9	45
17	Strain-dependent embryonic lethality and exaggerated vascular remodeling in heparin cofactor II-deficient mice. Journal of Clinical Investigation, 2007, 117, 1514-1526.	3.9	41
18	Dehydroepiandrosterone sulfate is inversely associated with sex-dependent diverse carotid atherosclerosis regardless of endothelial function. Atherosclerosis, 2010, 212, 310-315.	0.4	39

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19	Transforming Growth Factor- β 1 as a Common Target Molecule for Development of Cardiovascular Diseases, Renal Insufficiency and Metabolic Syndrome. <i>Cardiology Research and Practice</i> , 2011, 2011, 1-9.	0.5	38
20	High plasma aldosterone concentration is a novel risk factor of cognitive impairment in patients with hypertension. <i>Hypertension Research</i> , 2011, 34, 74-78.	1.5	36
21	Heparin Cofactor II, a Serine Protease Inhibitor, Promotes Angiogenesis via Activation of the AMP-activated Protein Kinase-Endothelial Nitric-oxide Synthase Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2012, 287, 34256-34263.	1.6	34
22	Ezetimibe Monotherapy Ameliorates Vascular Function in Patients with Hypercholesterolemia Through Decreasing Oxidative Stress. <i>Journal of Atherosclerosis and Thrombosis</i> , 2011, 18, 1080-1089.	0.9	32
23	Role of Hypoxia-Inducible Factor 1α in T Cells as a Negative Regulator in Development of Vascular Remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 210-217.	1.1	31
24	Inhibition of Thrombin Action Ameliorates Insulin Resistance in Type 2 Diabetic db/db Mice. <i>Endocrinology</i> , 2010, 151, 513-519.	1.4	29
25	Effects of Docosahexaenoic Acid on the Endothelial Function in Patients with Coronary Artery Disease. <i>Journal of Atherosclerosis and Thrombosis</i> , 2015, 22, 447-454.	0.9	29
26	Long-chain monounsaturated fatty acids improve endothelial function with altering microbial flora. <i>Translational Research</i> , 2021, 237, 16-30.	2.2	27
27	Effects of androgens on cardiovascular remodeling. <i>Journal of Endocrinology</i> , 2012, 214, 1-10.	1.2	26
28	Heparin Cofactor II Protects Against Angiotensin II-Induced Cardiac Remodeling Via Attenuation of Oxidative Stress in Mice. <i>Hypertension</i> , 2010, 56, 430-436.	1.3	25
29	Reduced ratio of eicosapentaenoic acid and docosahexaenoic acid to arachidonic acid is associated with early onset of acute coronary syndrome. <i>Nutrition Journal</i> , 2015, 14, 111.	1.5	24
30	Iron accumulation causes impaired myogenesis correlated with MAPK signaling pathway inhibition by oxidative stress. <i>FASEB Journal</i> , 2019, 33, 9551-9564.	0.2	24
31	Molecular Mechanism of Type I Congenital Heparin Cofactor (HC) II Deficiency Caused by a Missense Mutation at Reactive P2 Site: HC II Tokushima. <i>Thrombosis and Haemostasis</i> , 2001, 85, 101-107.	1.8	22
32	Association of lower limb muscle mass and energy expenditure with visceral fat mass in healthy men. <i>Diabetology and Metabolic Syndrome</i> , 2014, 6, 27.	1.2	22
33	Heparin Cofactor II as a Novel Vascular Protective Factor Against Atherosclerosis. <i>Journal of Atherosclerosis and Thrombosis</i> , 2009, 16, 523-531.	0.9	20
34	Roles of the Androgen α -Androgen Receptor System in Vascular Angiogenesis. <i>Journal of Atherosclerosis and Thrombosis</i> , 2016, 23, 257-265.	0.9	20
35	Vascular smooth muscle cell proliferation is dependent upon upregulation of mitochondrial transcription factor A (mtTFA) expression in injured rat carotid artery. <i>Atherosclerosis</i> , 2005, 178, 39-47.	0.4	17
36	Heparin Cofactor II is an Independent Protective Factor against Peripheral Arterial Disease in Elderly Subjects with Cardiovascular Risk Factors. <i>Journal of Atherosclerosis and Thrombosis</i> , 2009, 16, 127-134.	0.9	17

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37	Serum concentration of eicosapentaenoic acid is associated with cognitive function in patients with coronary artery disease. <i>Nutrition Journal</i> , 2014, 13, 112.	1.5	17
38	Bilirubin exerts pro-angiogenic property through Akt-eNOS-dependent pathway. <i>Hypertension Research</i> , 2015, 38, 733-740.	1.5	16
39	Infective Endocarditis Caused by <i>Lactobacillus</i> . <i>Internal Medicine</i> , 2008, 47, 1113-1116.	0.3	15
40	Bovine Milk-derived Lactoferrin Exerts Proangiogenic Effects in an Src-Akt-eNOS-dependent Manner in Response to Ischemia. <i>Journal of Cardiovascular Pharmacology</i> , 2013, 61, 423-429.	0.8	15
41	Nitrosonifedipine ameliorates angiotensin II-induced vascular remodeling via antioxidative effects. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2013, 386, 29-39.	1.4	13
42	Effect of Low-Dose (1 mg/day) Pitavastatin on Left Ventricular Diastolic Function and Albuminuria in Patients With Hyperlipidemia. <i>American Journal of Cardiology</i> , 2011, 107, 1644-1649.	0.7	11
43	Inflammation and Vascular Remodeling. <i>International Journal of Vascular Medicine</i> , 2012, 2012, 1-2.	0.4	10
44	Activation of Peroxisome Proliferator-Activated Receptor α in Megakaryocytes Reduces Platelet-Derived Growth Factor-BB in Platelets. <i>Journal of Atherosclerosis and Thrombosis</i> , 2011, 18, 138-147.	0.9	10
45	Improvement of Cardiac Diastolic Function and Prognosis After Autologous Peripheral Blood Stem Cell Transplantation in AL Cardiac Amyloidosis. <i>Internal Medicine</i> , 2007, 46, 1705-1710.	0.3	9
46	Bosentan Ameliorated Exercise-Induced Pulmonary Arterial Hypertension Complicated with Systemic Sclerosis. <i>Internal Medicine</i> , 2010, 49, 2309-2312.	0.3	9
47	Carbohydrate-to-Insulin Ratio Is Estimated from 300-400 Divided by Total Daily Insulin Dose in Type 1 Diabetes Patients Who Use the Insulin Pump. <i>Diabetes Technology and Therapeutics</i> , 2012, 14, 1077-1080.	2.4	9
48	Effects of Statins on Cardiorenal Syndrome. <i>International Journal of Vascular Medicine</i> , 2012, 2012, 1-7.	0.4	9
49	The Role of Heparin Cofactor II in the Regulation of Insulin Sensitivity and Maintenance of Glucose Homeostasis in Humans and Mice. <i>Journal of Atherosclerosis and Thrombosis</i> , 2017, 24, 1215-1230.	0.9	9
50	Serum carboxy-terminal telopeptide of type I collagen (ICTP) as a surrogate marker for vulnerable plaques in atherosclerotic patients: A pilot study. <i>Atherosclerosis</i> , 2013, 229, 182-185.	0.4	8
51	Plasma heparin cofactor II activity is inversely associated with left atrial volume and diastolic dysfunction in humans with cardiovascular risk factors. <i>Hypertension Research</i> , 2011, 34, 225-231.	1.5	7
52	Heparin Cofactor II Attenuates Vascular Remodeling in Humans and Mice. <i>Circulation Journal</i> , 2010, 74, 1518-1523.	0.7	6
53	Serum carboxy-terminal telopeptide of type I collagen levels are associated with carotid atherosclerosis in patients with cardiovascular risk factors. <i>Endocrine Journal</i> , 2016, 63, 397-404.	0.7	6
54	Association of Decreased Docosahexaenoic Acid Level After Statin Therapy and Low Eicosapentaenoic Acid Level with In-Stent Restenosis in Patients with Acute Coronary Syndrome. <i>Journal of Atherosclerosis and Thrombosis</i> , 2019, 26, 272-281.	0.9	6

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55	Congenital Ventricular Aneurysm as an Unexpected Complication of Monomorphic Premature Ventricular Contractions. <i>Internal Medicine</i> , 2010, 49, 907-912.	0.3	5
56	Endothelial Nitric Oxide Synthase-Independent Pleiotropic Effects of Pitavastatin Against Atherogenesis and Limb Ischemia in Mice. <i>Journal of Atherosclerosis and Thrombosis</i> , 2018, 25, 65-80.	0.9	5
57	Intra-Vascular Ultrasound Findings of Diffuse Coronary Atherosclerotic Change in Systemic Lupus Erythematosus With Secondary Antiphospholipid Syndrome. <i>Circulation Journal</i> , 2006, 70, 1082-1085.	0.7	4
58	Diagnostic utility of cardiac magnetic resonance for detection of cardiac involvement in female carriers of Duchenne muscular dystrophy. <i>Heart Asia</i> , 2010, 2, 52-55.	1.1	4
59	Basal insulin requirement in patients with type 1 diabetes depends on the age and body mass index. <i>Journal of Diabetes Investigation</i> , 2022, 13, 292-298.	1.1	4
60	Decrease in plasma brain natriuretic peptide level in the early phase after the start of carvedilol therapy is a novel predictor of long-term outcome in patients with chronic heart failure. <i>Acta Cardiologica</i> , 2009, 64, 589-595.	0.3	4
61	Interactions between CKD and MetS and the Development of CVD. <i>Cardiology Research and Practice</i> , 2011, 2011, 1-2.	0.5	3
62	Effect of combination tablets containing amlodipine 10 mg and irbesartan 100 mg on blood pressure and cardiovascular risk factors in patients with hypertension. <i>Therapeutics and Clinical Risk Management</i> , 2015, 11, 83.	0.9	3
63	Plasma Heparin Cofactor II Activity Is Inversely Associated with Albuminuria and Its Annual Deterioration in Patients with Diabetes. <i>Journal of Diabetes Investigation</i> , 2021, , .	1.1	3
64	Insulin receptor cleavage induced by estrogen impairs insulin signaling. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002467.	1.2	3
65	Isolated high-molecular-weight kininogen deficiency: a novel frameshift mutation in exon 10. <i>Blood</i> , 2007, 109, 5062-5063.	0.6	2
66	Pharmacology of Aldosterone and the Effects of Mineralocorticoid Receptor Blockade on Cardiovascular Systems. <i>Acta Cardiologica Sinica</i> , 2013, 29, 201-7.	0.1	2
67	The novel preventive effect of a Japanese ethical Kampo extract formulation TJ-90 (Seihaito) against cisplatin-induced nephrotoxicity. <i>Phytomedicine</i> , 2022, 103, 154213.	2.3	2
68	Aspirin inhibits thrombin action on endothelial cells via up-regulation of aminopeptidase N/CD13 expression. <i>Atherosclerosis</i> , 2005, 183, 49-55.	0.4	1
69	Bosentan improves systemic sclerosis-related peripheral circulation insufficiency. <i>International Journal of Cardiology</i> , 2011, 147, 472-475.	0.8	1
70	Fibrinogen Tokushima II: a new case of congenital dysfibrinogenemia with a β^3 methionine-310 to threonine substitution. <i>International Journal of Hematology</i> , 2012, 96, 395-397.	0.7	1
71	Antithrombin-p.Ala416Pro: The Second Reported Case in Japan. <i>Internal Medicine</i> , 2014, 53, 477-481.	0.3	1
72	Novel method utilizing bisulfite conversion with dual amplification-refractory mutation system polymerase chain reaction to detect circulating pancreatic β -cell cDNA. <i>Journal of Diabetes Investigation</i> , 2022, , .	1.1	1

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73	Autoimmune acquired factor XIII/13 deficiency after SARS-CoV-2 mRNA vaccination. <i>Thrombosis and Haemostasis</i> , 0, 0, .	1.8	1
74	Infective Endocarditis Caused by <i>Lactobacillus</i> . <i>Internal Medicine</i> , 2008, 47, 1162-1162.	0.3	0
75	Increase in serum triglyceride was associated with coronary plaque vulnerability in a patient with rheumatoid arthritis. <i>Journal of Cardiology Cases</i> , 2014, 10, 54-57.	0.2	0
76	Congenital Hypogonadotropic Hypogonadism with Early-Onset Coronary Artery Disease. <i>Journal of Medical Investigation</i> , 2021, 68, 189-191.	0.2	0