Kyosuke Takeshita

List of Publications by Year
in descending order

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108 papers	4,180 citations	126708 33 h-index	118652 62 g-index
110 all docs	110 docs citations	110 times ranked	6596 citing authors

#	Article	IF	Citations
1	Smoking Cessation Rapidly Increases Circulating Progenitor Cells in Peripheral Blood in Chronic Smokers. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 1442-1447.	1.1	405
2	Requirement of Rac1 in the development of cardiac hypertrophy. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7432-7437.	3.3	268
3	Essential Role of Endothelial Notch1 in Angiogenesis. Circulation, 2005, 111, 1826-1832.	1.6	249
4	Critical Role of Endothelial Notch1 Signaling in Postnatal Angiogenesis. Circulation Research, 2007, 100, 70-78.	2.0	208
5	Sinoatrial Node Dysfunction and Early Unexpected Death of Mice With a Defect of klotho Gene Expression. Circulation, 2004, 109, 1776-1782.	1.6	201
6	Aging and plasminogen activator inhibitor-1 (PAI-1) regulation: implication in the pathogenesis of thrombotic disorders in the elderly. Cardiovascular Research, 2005, 66, 276-285.	1.8	174
7	Plasminogen activator inhibitor-1 is a major stress-regulated gene: Implications for stress-induced thrombosis in aged individuals. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 890-895.	3.3	144
8	Circulating omentin is associated with coronary artery disease in men. Atherosclerosis, 2011, 219, 811-814.	0.4	129
9	Increased Expression of Plasminogen Activator Inhibitor-1 in Cardiomyocytes Contributes to Cardiac Fibrosis after Myocardial Infarction. American Journal of Pathology, 2004, 164, 449-456.	1.9	106
10	Smooth Muscle Notch1 Mediates Neointimal Formation After Vascular Injury. Circulation, 2009, 119, 2686-2692.	1.6	104
11	Inhibition of Apoptosis-Regulated Signaling Kinase-1 and Prevention of Congestive Heart Failure by Estrogen. Circulation, 2007, 115, 3197-3204.	1.6	103
12	O-GlcNAc on NOTCH1 EGF repeats regulates ligand-induced Notch signaling and vascular development in mammals. ELife, 2017, 6, .	2.8	82
13	Increased Expression of Plasminogen Activator Inhibitor-1 with Fibrin Deposition in a Murine Model of Aging, "Klotho" Mouse. Seminars in Thrombosis and Hemostasis, 2002, 28, 545-554.	1.5	78
14	Stress Augments Insulin Resistance and Prothrombotic State. Diabetes, 2012, 61, 1552-1561.	0.3	76
15	Decreased vascular lesion formation in mice with inducible endothelial-specific expression of protein kinase Akt. Journal of Clinical Investigation, 2006, 116, 334-343.	3.9	74
16	Cathepsin S Activity Controls Injury-Related Vascular Repair in Mice via the TLR2-Mediated p38MAPK and PI3Kâ˜Akt/p-HDAC6 Signaling Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1549-1557.	1.1	70
17	Cathepsin K-mediated notch1 activation contributes to neovascularization in response to hypoxia. Nature Communications, 2014, 5, 3838.	5.8	67
18	Î³-Secretase inhibitor reduces diet-induced atherosclerosis in apolipoprotein E-deficient mice. Biochemical and Biophysical Research Communications, 2009, 383, 216-221.	1.0	60

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19	Angiotensin receptor blocker irbesartan reduces stress-induced intestinal inflammation via AT1a signaling and ACE2-dependent mechanism in mice. Brain, Behavior, and Immunity, 2018, 69, 167-179.	2.0	58
20	Increased dipeptidyl peptidase-4 accelerates diet-related vascular aging and atherosclerosis in ApoE-deficient mice under chronic stress. International Journal of Cardiology, 2017, 243, 413-420.	0.8	57
21	Plasminogen Activator Inhibitor-1 in Aging. Seminars in Thrombosis and Hemostasis, 2014, 40, 652-659.	1.5	55
22	Notch Signaling Regulates Endothelial Progenitor Cell Activity During Recovery From Arterial Injury in Hypercholesterolemic Mice. Circulation, 2010, 121, 1104-1112.	1.6	54
23	Association Between Indoxyl Sulfate and Cardiac Dysfunction and Prognosis in Patients With Dilated Cardiomyopathy. Circulation Journal, 2013, 77, 390-396.	0.7	53
24	Targeted disruption of mouse ortholog of the human MYH9 responsible for macrothrombocytopenia with different organ involvement: hematological, nephrological, and otological studies of heterozygous KO mice. Biochemical and Biophysical Research Communications, 2004, 325, 1163-1171.	1.0	52
25	Indoxyl Sulfate-Induced Activation of (Pro)renin Receptor Promotes Cell Proliferation and Tissue Factor Expression in Vascular Smooth Muscle Cells. PLoS ONE, 2014, 9, e109268.	1.1	50
26	Xanthine oxidase inhibition by febuxostat attenuates stress-induced hyperuricemia, glucose dysmetabolism, and prothrombotic state in mice. Scientific Reports, 2017, 7, 1266.	1.6	50
27	Relation of Plasma Indoxyl Sulfate Levels and Estimated Glomerular Filtration Rate to Left Ventricular Diastolic Dysfunction. American Journal of Cardiology, 2013, 111, 712-716.	0.7	48
28	Impact of acarbose on carotid intima-media thickness in patients with newly diagnosed impaired glucose tolerance or mild type 2 diabetes mellitus: A one-year, prospective, randomized, open-label, parallel-group study in Japanese adults with established coronary artery disease. Clinical Therapeutics, 2010, 32, 1610-1617.	1.1	43
29	Platelet activation and induction of tissue factor in acute and chronic atrial fibrillation: Involvement of mononuclear cell-platelet interaction. Thrombosis Research, 2011, 128, e113-e118.	0.8	41
30	Ankle brachial pressure index but not brachial-ankle pulse wave velocity is a strong predictor of systemic atherosclerotic morbidity and mortality in patients on maintenance hemodialysis. Atherosclerosis, 2011, 219, 643-647.	0.4	40
31	Association of Circulating C1q/TNF-Related Protein 1 Levels with Coronary Artery Disease in Men. PLoS ONE, 2014, 9, e99846.	1.1	37
32	Mast cells promote the growth of Hodgkin's lymphoma cell tumor by modifying the tumor microenvironment that can be perturbed by bortezomib. Leukemia, 2012, 26, 2269-2276.	3.3	36
33	RT-PCR diagnosis of COVID-19 from exhaled breath condensate: a clinical study. Journal of Breath Research, 2021, 15, 037103.	1.5	36
34	Cathepsin S activity controls ischemia-induced neovascularization in mice. International Journal of Cardiology, 2015, 183, 198-208.	0.8	35
35	Pitavastatin-induced angiogenesis and arteriogenesis is mediated by Notch1 in a murine hindlimb ischemia model without induction of VEGF. Laboratory Investigation, 2011, 91, 691-703.	1.7	34
36	Dexamethasone Palmitate Ameliorates Macrophages-Rich Graft-versus-Host Disease by Inhibiting Macrophage Functions. PLoS ONE, 2014, 9, e96252.	1.1	32

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37	Renin inhibition reduces atherosclerotic plaque neovessel formation and regresses advanced atherosclerotic plaques. Atherosclerosis, 2014, 237, 739-747.	0.4	27
38	Dipeptidyl peptidase- IV inhibitor alogliptin improves stress-induced insulin resistance and prothrombotic state in a murine model. Psychoneuroendocrinology, 2016, 73, 186-195.	1.3	27
39	Anxiety and Depression among Hypertensive Outpatients in Afghanistan: A Cross-Sectional Study in Andkhoy City. International Journal of Hypertension, 2018, 2018, 1-8.	0.5	27
40	Indole-3-propionic acid suppresses indoxyl sulfate-induced expression of fibrotic and inflammatory genes in proximal tubular cells. Nagoya Journal of Medical Science, 2017, 79, 477-486.	0.6	27
41	Dipeptidyl Peptidaseâ€4 Regulates Hematopoietic Stem Cell Activation in Response to Chronic Stress. Journal of the American Heart Association, 2017, 6, .	1.6	26
42	Mechanisms With Clinical Implications for Atrial Fibrillationâ€“Associated Remodeling: Cathepsin K Expression, Regulation, and Therapeutic Target and Biomarker. Journal of the American Heart Association, 2013, 2, e000503.	1.6	24
43	Angiotensin II Receptor Blocker Ameliorates Stress-Induced Adipose Tissue Inflammation and Insulin Resistance. PLoS ONE, 2014, 9, e116163.	1.1	24
44	Inhibition of mineralocorticoid receptor is a renoprotective effect of the 3-hydroxy-3-methylglutaryl-coenzyme A reductase inhibitor pitavastatin. Journal of Hypertension, 2011, 29, 542-552.	0.3	23
45	Association of cardiorespiratory fitness with characteristics of coronary plaque: Assessment using integrated backscatter intravascular ultrasound and optical coherence tomography. International Journal of Cardiology, 2013, 162, 123-128.	0.8	23
46	Indoxyl sulfate, a uremic toxin, and carotid intima-media thickness in patients with coronary artery disease. International Journal of Cardiology, 2013, 163, 214-216.	0.8	22
47	Impact of Metabolic Syndrome on Various Aspects of Microcirculation and Major Adverse Cardiac Events in Patients With ST-Segment Elevation Myocardial Infarction. Circulation Journal, 2012, 76, 1972-1979.	0.7	21
48	Efficacy and safety of radiofrequency catheter ablation for atrial fibrillation in chronic hemodialysis patients. Nephrology Dialysis Transplantation, 2014, 29, 160-167.	0.4	21
49	Mechanism of Diastolic Stiffening of the Failing Myocardium and Its Prevention by Angiotensin Receptor and Calcium Channel Blockers. Journal of Cardiovascular Pharmacology, 2009, 54, 47-56.	0.8	19
50	Plasma Indoxyl Sulfate and Estimated Glomerular Filtration Rate. Circulation Journal, 2014, 78, 2477-2482.	0.7	19
51	Impact of the Low- to High-Density Lipoprotein Cholesterol Ratio on Composition of Angiographically Ambiguous Left Main Coronary Artery Plaque. Circulation Journal, 2011, 75, 1960-1967.	0.7	18
52	Usefulness of Serum Cardiac Troponins T and I to Predict Cardiac Molecular Changes and Cardiac Damage in Patients With Hypertrophic Cardiomyopathy. International Heart Journal, 2013, 54, 202-206.	0.5	18
53	The Selvester QRS score as a predictor of cardiac events in nonischemic dilated cardiomyopathy. Journal of Cardiology, 2018, 71, 284-290.	0.8	18
54	Prognostic Impact of Combined Late Gadolinium Enhancement on Cardiovascular Magnetic Resonance and Peak Oxygen Consumption in Ambulatory Patients With Nonischemic Dilated Cardiomyopathy. Journal of Cardiac Failure, 2014, 20, 825-832.	0.7	17

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55	Midkine Promotes Atherosclerotic Plaque Formation Through Its Pro-Inflammatory, Angiogenic and Anti-Apoptotic Functions in Apolipoprotein E-Knockout Mice. Circulation Journal, 2018, 82, 19-27.	0.7	17
56	Indoxyl Sulfate Activates NLRP3 Inflammasome to Induce Cardiac Contractile Dysfunction Accompanied by Myocardial Fibrosis and Hypertrophy. Cardiovascular Toxicology, 2022, 22, 365-377.	1.1	17
57	Ca2+ channel blocker benidipine promotes coronary angiogenesis and reduces both left-ventricular diastolic stiffness and mortality in hypertensive rats. Journal of Hypertension, 2010, 28, 1515-1526.	0.3	15
58	Impact of Admission Anemia on Coronary Microcirculation and Clinical Outcomes in Patients With ST-Segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention. International Heart Journal, 2015, 56, 381-388.	0.5	15
59	Fibroblast Growth Factor-2 facilitates the growth and chemo-resistance of leukemia cells in the bone marrow by modulating osteoblast functions. Scientific Reports, 2016, 6, 30779.	1.6	15
60	Measurements of renal shear wave velocities in chronic kidney disease patients. Acta Radiologica, 2018, 59, 884-890.	0.5	14
61	Effects of coagulation Factor VII polymorphisms on the coronary artery disease in Japanese. Thrombosis Research, 2002, 105, 493-498.	0.8	13
62	Assessment of abdominal aortic calcification by computed tomography for prediction of latent left ventricular stiffness and future cardiovascular risk in pre-dialysis patients with chronic kidney disease: A single center cross-sectional study. International Journal of Medical Sciences, 2019, 16, 939-948.	1.1	12
63	Fatal thrombosis of antithrombin-deficient mice is rescued differently in the heart and liver by intercrossing with low tissue factor mice. Journal of Thrombosis and Haemostasis, 2006, 4, 177-185.	1.9	11
64	Assessment of left ventricular diastolic function during trastuzumab treatment in patients with HER2-positive breast cancer. Breast Cancer, 2017, 24, 312-318.	1.3	11
65	A short perspective on a COVID-19 clinical study: â€˜diagnosis of COVID-19 by RT-PCR using exhale breath condensate samplesâ€™. Journal of Breath Research, 2020, 14, 042003.	1.5	11
66	Cardiopulmonary exercise testing to evaluate the exercise capacity of patients with inoperable chronic thromboembolic pulmonary hypertension: An endothelin receptor antagonist improves the peak PETCO2. Life Sciences, 2014, 118, 397-403.	2.0	10
67	Enzyme immunoassay for measurement of murine plasminogen activator inhibitor-1, employing a specific antibody produced by the DNA vaccine method. Thrombosis Research, 2003, 111, 285-291.	0.8	9
68	A novel cholesterol absorption inhibitor, ezetimibe, decreases adipose-derived and vascular PAI-1 expression in vivo. Thrombosis Research, 2009, 124, 644-645.	0.8	9
69	Association between cardiopulmonary exercise and dobutamine stress testing in ambulatory patients with idiopathic dilated cardiomyopathy: A comparison with peak VO2 and VE/VCO2 slope. International Journal of Cardiology, 2013, 162, 234-239.	0.8	9
70	Recovery of Flow-Mediated Vasodilatation after Repetitive Measurements Is Involved in Early Vascular Impairment: Comparison with Indices of Vascular Tone. PLoS ONE, 2014, 9, e83977.	1.1	9
71	Myocardial contractile reserve predicts left ventricular reverse remodeling and cardiac events in dilated cardiomyopathy. Journal of Cardiology, 2017, 70, 303-309.	0.8	9
72	Impact of Plaque Burden in the Left Main Coronary Artery Determined by Intravascular Ultrasound on Cardiovascular Events in a Japanese Population Undergoing Percutaneous Coronary Intervention. American Journal of Cardiology, 2012, 109, 352-358.	0.7	8

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73	Relationship of Myocardial Fibrosis to Left Ventricular andÂMitochondrial Function in Nonischemic Dilated Cardiomyopathyâ€"A Comparison of Focal and Interstitial Fibrosis. Journal of Cardiac Failure, 2013, 19, 557-564.	0.7	8
74	Impact of serum bilirubin levels on carotid atherosclerosis in patients with coronary artery disease. IJC Metabolic & Endocrine, 2014, 5, 24-27.	0.5	8
75	Possible involvement of notch signaling in the pathogenesis of Buergerâ€™s disease. Surgery Today, 2014, 44, 307-313.	0.7	8
76	Does angiotensin receptor blockade ameliorate the prothrombotic tendency in hypertensive patients with atrial fibrillation? breaking the vicious cycle. Hypertension Research, 2014, 37, 490-491.	1.5	8
77	Cardiopulmonary Exercise Testing as a Tool for Diagnosing Pulmonary Hypertension in Patients with Dilated Cardiomyopathy. Annals of Noninvasive Electrocardiology, 2016, 21, 263-271.	0.5	8
78	Circulatory power and ventilatory power over time under goalâ€oriented sequential combination therapy for pulmonary arterial hypertension. Pulmonary Circulation, 2017, 7, 448-454.	0.8	8
79	Sokolowâ€Łyon voltage is suitable for monitoring improvement in cardiac function and prognosis of patients with idiopathic dilated cardiomyopathy. Annals of Noninvasive Electrocardiology, 2017, 22, .	0.5	8
80	Indoxyl Sulfate-induced Vascular Calcification is mediated through Altered Notch Signaling Pathway in Vascular Smooth Muscle Cells. International Journal of Medical Sciences, 2020, 17, 2703-2717.	1.1	8
81	Impact of Airflow Limitation on Carotid Atherosclerosis in Coronary Artery Disease Patients. Respiration, 2015, 89, 322-328.	1.2	7
82	Effects of Bosentan on Peripheral Endothelial Function in Patients with Pulmonary Arterial Hypertension or Chronic Thromboembolic Pulmonary Hypertension. Pulmonary Circulation, 2016, 6, 168-173.	0.8	7
83	Notch1 haploinsufficiency in mice accelerates adipogenesis. Scientific Reports, 2021, 11, 16761.	1.6	7
84	Chronic stress augments esophageal inflammation, and alters the expression of transient receptor potential vanilloidï¿½1 and proteaseâ€activated receptor 2 in a murine model. Molecular Medicine Reports, 2019, 19, 5386-5396.	1.1	7
85	Association between Helicobacter pylori Infection and Cardiovascular Risk Factors among Patients in the Northern Part of Afghanistan: a Cross-Sectional Study in Andkhoy City. Asian Pacific Journal of Cancer Prevention, 2018, 19, 1035-1039.	0.5	7
86	Urinary and circulating levels of the anti-angiogenic isoform of vascular endothelial growth factor-A in patients with chronic kidney disease. Clinica Chimica Acta, 2017, 475, 102-108.	0.5	6
87	Abnormal Circadian Blood Pressure Profile as a Prognostic Marker in Patients with Nonischemic Dilated Cardiomyopathy. Cardiology, 2017, 136, 1-9.	0.6	6
88	In vivo tracking of transplanted macrophages with near infrared fluorescent dye reveals temporal distribution and specific homing in the liver that can be perturbed by clodronate liposomes. PLoS ONE, 2020, 15, e0242488.	1.1	6
89	Pitavastatin attenuates the upregulation of tissue factor in restraint-stressed mice. Thrombosis Research, 2007, 120, 143-144.	0.8	5
90	Carotidynia With Carotid Arterial Thrombosis. Annals of Internal Medicine, 2012, 157, 917.	2.0	5

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91	The effects of vasodilators on the relaxation of guinea-pig aorta during acute recoil. International Journal of Cardiology, 2002, 86, 193-198.	0.8	3
92	Coincidental finding of isolated congenital double-orifice mitral valve in two adult patients. European Heart Journal Cardiovascular Imaging, 2011, 12, E26-E26.	0.5	3
93	Asymptomatic Left Atrial Thrombus in a Dialysisâ€Dependent Patient Free of Thrombogenic Abnormalities. Therapeutic Apheresis and Dialysis, 2015, 19, 93-94.	0.4	3
94	Impact of low-grade albuminuria on left ventricular diastolic dysfunction. IJC Metabolic & Endocrine, 2015, 6, 13-16.	0.5	3
95	Predictive Value of Heart Rate Recovery after Exercise Testing in Addition to Brain Natriuretic Peptide Levels in Ambulatory Patients with Nonischemic Dilated Cardiomyopathy. Annals of Noninvasive Electrocardiology, 2012, 17, 378-386.	0.5	2
96	Identification of a novel missense mutation (563G>a) in the <scp>ABO</scp> gene associated with a <scp>B</scp>el phenotype. Transfusion, 2016, 56, 1242-1243.	0.8	2
97	Angiotensin receptor blocker improves a stress-induced prothrombotic state in a murine model. Blood Coagulation and Fibrinolysis, 2016, 27, 358-360.	0.5	2
98	Livedoid vasculopathy and popliteal artery occlusion in a patient with protein S deficiency. Journal of Dermatology, 2017, 44, 198-201.	0.6	2
99	Biphasic Force-Frequency Relation Predicts Primary Cardiac Events in Patients With Hypertrophic Cardiomyopathy. Circulation Journal, 2017, 81, 368-375.	0.7	2
100	Left ventricular hypertrophy and proteinuria in patients with essential hypertension in Andkhoy, Afghanistan. Nagoya Journal of Medical Science, 2018, 80, 249-255.	0.6	2
101	Superb microvascular imaging assessment of restenosis after carotid artery stenting: a case report. Choonpa Igaku, 2016, 43, 317-318.	0.0	2
102	Stress-induced PAI-1 expression is suppressed by pitavastatin in vivo. International Journal of Hematology, 2009, 89, 553-554.	0.7	1
103	Sharpening the Focus: Acupuncture Interrupts the Brainâ€“Gut Vicious Cycle Underlying Functional Dyspepsia. Digestive Diseases and Sciences, 2020, 65, 1578-1580.	1.1	1
104	Associations between proteinuria and cardiovascular risk factors among hypertensive patients in Andkhoy, Afghanistan. Nagoya Journal of Medical Science, 2016, 78, 377-386.	0.6	1
105	Mast Cells As a Therapeutic Target for Hodgkin Lymphoma: Bortezomib Inhibits Mast Cell-Induced Modification of the Tumor Microenvironment. Blood, 2012, 120, 3634-3634.	0.6	0
106	Stress-induced thrombosis. Japanese Journal of Thrombosis and Hemostasis, 2013, 24, 56-59.	0.1	0
107	PAI-I as a therapeutic target of a prothrombotic stateï¼šInsights from a murine model. Japanese Journal of Thrombosis and Hemostasis, 2013, 24, 516-519.	0.1	0
108	Breaking the vicious cycle between inflammation and thrombosis in chronic diseases. Japanese Journal of Thrombosis and Hemostasis, 2015, 26, 597-604.	0.1	0