Yasuko K Bando

List of Publications by Year in descending order

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126907 69250 5,999 108 33 77 citations h-index g-index papers 109 109 109 6957 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	The HMG-CoA reductase inhibitor simvastatin activates the protein kinase Akt and promotes angiogenesis in normocholesterolemic animals Nature Medicine, 2000, 6, 1004-1010.	30.7	1,355
2	HMG-CoA reductase inhibitor mobilizes bone marrow–derived endothelial progenitor cells. Journal of Clinical Investigation, 2001, 108, 399-405.	8.2	587
3	Rho-associated Kinase Directly Induces Smooth Muscle Contraction through Myosin Light Chain Phosphorylation. Journal of Biological Chemistry, 1997, 272, 12257-12260.	3.4	527
4	Activation of RhoA and Inhibition of Myosin Phosphatase as Important Components in Hypertension in Vascular Smooth Muscle. Circulation Research, 2003, 92, 411-418.	4.5	301
5	Akt Down-regulation of p38 Signaling Provides a Novel Mechanism of Vascular Endothelial Growth Factor-mediated Cytoprotection in Endothelial Cells. Journal of Biological Chemistry, 2001, 276, 30359-30365.	3.4	253
6	Rho-associated Kinase of Chicken Gizzard Smooth Muscle. Journal of Biological Chemistry, 1999, 274, 3744-3752.	3.4	242
7	Akt Signaling Mediates Postnatal Heart Growth in Response to Insulin and Nutritional Status. Journal of Biological Chemistry, 2002, 277, 37670-37677.	3.4	197
8	Acute modulation of endothelial Akt/PKB activity alters nitric oxide–dependent vasomotor activity in vivo. Journal of Clinical Investigation, 2000, 106, 493-499.	8.2	186
9	Dipeptidyl Peptidase-4 Modulates Left Ventricular Dysfunction in Chronic Heart Failure via Angiogenesis-Dependent and -Independent Actions. Circulation, 2012, 126, 1838-1851.	1.6	153
10	Myogenic Akt Signaling Regulates Blood Vessel Recruitment during Myofiber Growth. Molecular and Cellular Biology, 2002, 22, 4803-4814.	2.3	146
11	Regulation of Angiogenesis by Glycogen Synthase Kinase-3β. Journal of Biological Chemistry, 2002, 277, 41888-41896.	3.4	111
12	Activated Akt Protects the Lung from Oxidant-Induced Injury and Delays Death of Mice. Journal of Experimental Medicine, 2001, 193, 545-550.	8.5	88
13	RhoA Activation in Vascular Smooth Muscle Cells from Stroke-Prone Spontaneously Hypertensive Rats. Hypertension Research, 2004, 27, 263-270.	2.7	86
14	Glucagon-like peptide-1 receptor activation reverses cardiac remodeling via normalizing cardiac steatosis and oxidative stress in type 2 diabetes. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 305, H295-H304.	3.2	85
15	Arachidonic acid-induced Ca2+ sensitization of smooth muscle contraction through activation of Rho-kinase. Pflugers Archiv European Journal of Physiology, 2001, 441, 596-603.	2.8	76
16	HMG-CoA reductase inhibitors promote cholesterol-dependent Akt/PKB translocation to membrane domains in endothelial cells. Cardiovascular Research, 2003, 57, 253-264.	3.8	76
17	Rho/Rho-Kinase Pathway Contributes to C-Reactive Protein–Induced Plasminogen Activator Inhibitor-1 Expression in Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 2088-2093.	2.4	69
18	Akt1/PKB upregulation leads to vascular smooth muscle cell hypertrophy and polyploidization. Journal of Clinical Investigation, 2000, 106, 1011-1020.	8.2	66

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19	Cardiomyocytes capture stem cell-derived, anti-apoptotic microRNA-214 via clathrin-mediated endocytosis in acute myocardial infarction. Journal of Biological Chemistry, 2019, 294, 11665-11674.	3.4	64
20	Angiotensin Type 1 Receptor Blocker Reduces Intimal Neovascularization and Plaque Growth in Apolipoprotein E–Deficient Mice. Hypertension, 2011, 57, 981-989.	2.7	59
21	The Effect of Sitagliptin on Carotid Artery Atherosclerosis in Type 2 Diabetes: The PROLOGUE Randomized Controlled Trial. PLoS Medicine, 2016, 13, e1002051.	8.4	57
22	Effects of various types of anesthesia on hemodynamics, cardiac function, and glucose and lipid metabolism in rats. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H1360-H1366.	3.2	57
23	Adrenomedullin Decreases Both Cytosolic Ca2+ Concentration and Ca2+ Sensitivity in Pig Coronary Arterial Smooth Muscle. Biochemical and Biophysical Research Communications, 1995, 212, 572-579.	2.1	56
24	Akt signaling mediates VEGF/VPF vascular permeability in vivo. FEBS Letters, 2002, 532, 67-69.	2.8	54
25	Vildagliptin Stimulates Endothelial Cell Network Formation and Ischemia-induced Revascularization via an Endothelial Nitric-oxide Synthase-dependent Mechanism. Journal of Biological Chemistry, 2014, 289, 27235-27245.	3.4	54
26	Diabetes-Related Heart Failure. Circulation Journal, 2014, 78, 576-583.	1.6	53
27	Modulation of smooth muscle calponin by protein kinase C and calmodulin. Biochemical and Biophysical Research Communications, 1990, 171, 933-937.	2.1	52
28	Thyrotoxicosis Masked by Diabetic Ketoacidosis: A fatal complication. Diabetes Care, 2001, 24, 171-171.	8.6	48
29	Effect of sitagliptin on the echocardiographic parameters of left ventricular diastolic function in patients with type 2 diabetes: a subgroup analysis of the PROLOGUE study. Cardiovascular Diabetology, 2017, 16, 63.	6.8	48
30	Roles of the Mesenchymal Stromal/Stem Cell Marker Meflin in Cardiac Tissue Repair and the Development of Diastolic Dysfunction. Circulation Research, 2019, 125, 414-430.	4.5	47
31	Non-Autoimmune Primary Hypothyroidism in Diabetic and Non-Diabetic Chronic Renal Dysfunction. Experimental and Clinical Endocrinology and Diabetes, 2002, 110, 408-415.	1.2	42
32	Activation of PI3K-Akt pathway mediates antiapoptotic effects of β-adrenergic agonist in airway eosinophils. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 288, L860-L867.	2.9	41
33	Dipeptidyl Peptidase 4 Inhibition Alleviates Shortage of Circulating Glucagon-Like Peptide-1 in Heart Failure and Mitigates Myocardial Remodeling and Apoptosis via the Exchange Protein Directly Activated by Cyclic AMP 1/Ras-Related Protein 1 Axis. Circulation: Heart Failure, 2016, 9, e002081.	3.9	39
34	Development of Graves' Hyperthyroidism from Primary Hypothyroidism in a Case of Thyroid Hemiagenesis. Thyroid, 1999, 9, 183-187.	4.5	33
35	The relaxant effect of adrenomedullin on particular smooth muscles despite a general expression of its mRNA in smooth muscle, endothelial and epithelial cells. British Journal of Pharmacology, 1997, 120, 193-200.	5. 4	30
36	Atorvastatin Prevents Ischemic Limb Loss in Type 2 Diabetes: Role of p53. Journal of Atherosclerosis and Thrombosis, 2011, 18, 200-208.	2.0	28

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37	Rationale and design of a multicenter randomized study for evaluating vascular function under uric acid control using the xanthine oxidase inhibitor, febuxostat: the PRIZE study. Cardiovascular Diabetology, 2016, 15, 87.	6.8	28
38	Myosin Light Chain Phosphorylation and Contractile Proteins in a Canine Two-Hemorrhage Model of Subarachnoid Hemorrhage. Stroke, 1998, 29, 2149-2154.	2.0	26
39	Dipeptidyl Peptidaseâ€4 Regulates Hematopoietic Stem Cell Activation in Response to Chronic Stress. Journal of the American Heart Association, 2017, 6, .	3.7	26
40	Molecular hydrogen ameliorates several characteristics of preeclampsia in the Reduced Uterine Perfusion Pressure (RUPP) rat model. Free Radical Biology and Medicine, 2016, 101, 524-533.	2.9	25
41	Expression, Reconstitution and Characterization of Prolixin-S as a Vasodilator. A Salivary Gland Nitric-Oxide-Binding Hemoprotein of Rhodnius Prolixus. FEBS Journal, 1997, 249, 337-342.	0.2	23
42	Left ventricular diastolic dysfunction is associated with cerebral white matter lesions (leukoaraiosis) in elderly patients without ischemic heart disease and stroke. Geriatrics and Gerontology International, 2014, 14, 71-76.	1.5	23
43	A dipeptidyl peptidase-4 inhibitor ameliorates hypertensive cardiac remodeling via angiotensin-II/sodium-proton pump exchanger-1 axis. Journal of Molecular and Cellular Cardiology, 2016, 98, 37-47.	1.9	23
44	Photoinduced electron transfer from synthetic chlorophyll analogue to fullerene C60 on carbon paste electrode. Bioelectrochemistry, 1999, 48, 95-100.	1.0	22
45	Association of diabetes mellitus with myocardial collagen accumulation and relaxation impairment in patients with dilated cardiomyopathy. Diabetes Research and Clinical Practice, 2011, 92, 348-355.	2.8	22
46	Self-aggregates of synthetic zinc chlorins as the photosensitizer on carbon paste electrodes for a novel solar cell. Journal of Electroanalytical Chemistry, 2001, 496, 13-20.	3.8	21
47	Left ventricular phase entropy: Novel prognostic predictor in patients with dilated cardiomyopathy and narrow QRS. Journal of Nuclear Cardiology, 2018, 25, 1677-1687.	2.1	21
48	Regulation of Ca2+-independent smooth muscle contraction by alternative staurosporine-sensitive kinase. European Journal of Pharmacology, 1999, 376, 315-320.	3.5	20
49	Protein Kinase N Promotes Stress-Induced Cardiac Dysfunction Through Phosphorylation of Myocardin-Related Transcription Factor A and Disruption of Its Interaction With Actin. Circulation, 2019, 140, 1737-1752.	1.6	20
50	The Relationship of Fasting Plasma Glucose Values and Other Variables to 2-h Postload Plasma Glucose in Japanese Subjects. Diabetes Care, 2001, 24, 1156-1160.	8.6	19
51	The Selvester QRS score as a predictor of cardiac events in nonischemic dilated cardiomyopathy. Journal of Cardiology, 2018, 71, 284-290.	1.9	18
52	The Pro- and Antiangiogenic Effects of Statins. Seminars in Vascular Medicine, 2004, 4, 395-400.	2.1	15
53	HEAT SHOCK-INDUCED AUGMENTATION OF VASCULAR CONTRACTILITY IS INDEPENDENT OF RHO-KINASE. Clinical and Experimental Pharmacology and Physiology, 2006, 33, 264-268.	1.9	14
54	KATP Channel Knockout Mice Crossbred with Transgenic Mice Expressing a Dominant-negative Form of Human Insulin Receptor Have Glucose Intolerance but not Diabetes. Endocrine Journal, 2004, 51, 133-144.	1.6	13

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55	Heart Failure as a Comorbidity of Diabetes: Role of Dipeptidyl Peptidase 4. Journal of Atherosclerosis and Thrombosis, 2016, 23, 147-154.	2.0	13
56	Rationale and design of a study to evaluate the effects of sitagliptin on atherosclerosis in patients with diabetes mellitus: PROLOGUE study. International Journal of Cardiology, 2014, 174, 383-384.	1.7	11
57	LPL/AQP7/GPD2 promotes glycerol metabolism under hypoxia and prevents cardiac dysfunction during ischemia. FASEB Journal, 2021, 35, e22048.	0.5	11
58	Effect of febuxostat on left ventricular diastolic function in patients with asymptomatic hyperuricemia: a sub analysis of the PRIZE Study. Hypertension Research, 2022, 45, 106-115.	2.7	10
59	Diabetic Nephropathy Accompanied by Iodine-Induced Non-Autoimmune Primary Hypothyroidism: Two Case Reports Endocrine Journal, 1999, 46, 803-810.	1.6	9
60	Myocardial contractile reserve predicts left ventricular reverse remodeling and cardiac events in dilated cardiomyopathy. Journal of Cardiology, 2017, 70, 303-309.	1.9	9
61	Omentin attenuates angiotensin II-induced abdominal aortic aneurysm formation in apolipoprotein E-knockout mice. Cardiovascular Research, 2022, 118, 1597-1610.	3.8	9
62	Important Role of Concomitant Lymphangiogenesis for Reparative Angiogenesis in Hindlimb Ischemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2006-2018.	2.4	9
63	Surgical stress-induced transient nephrogenic diabetes insipidus (NDI) associated with decreased Vasopressin receptor2 (AVPR2) expression linked to nonsense-mediated mRNA decay and incomplete skewed X-inactivation in a female patient with a heterozygous AVPR2 mutation (c. 89-90 delAC). Clinical Endocrinology, 2004, 60, 773-775.	2.4	8
64	Sokolow‣yon voltage is suitable for monitoring improvement in cardiac function and prognosis of patients with idiopathic dilated cardiomyopathy. Annals of Noninvasive Electrocardiology, 2017, 22, .	1.1	8
65	Significance of IA-2 antibody in Japanese type 1 diabetes: its association with GAD antibody. Diabetes Research and Clinical Practice, 2005, 67, 63-69.	2.8	7
66	Antibodies to glutamic acid decarboxylase (GAD) in non-obese Japanese diabetics without insulin therapy: a comparison of two commercial RIA kits based on recombinant and pig brain GAD. Diabetes Research and Clinical Practice, 1998, 41, 25-33.	2.8	6
67	Akt and Ca2+signaling in endothelial cells. Molecular and Cellular Biochemistry, 2004, 259, 169-176.	3.1	6
68	Impact of Mild to Moderate Renal Dysfunction on Left Ventricular Relaxation Function and Prognosis in Ambulatory Patients With Nonischemic Dilated Cardiomyopathy. International Heart Journal, 2011, 52, 366-371.	1.0	6
69	Abnormal Circadian Blood Pressure Profile as a Prognostic Marker in Patients with Nonischemic Dilated Cardiomyopathy. Cardiology, 2017, 136, 1-9.	1.4	6
70	Cholesterol metabolism as a prognostic marker in patients with mildly symptomatic nonischemic dilated cardiomyopathy. Journal of Cardiology, 2017, 69, 888-894.	1.9	6
71	Painless Thyroiditis Associated with Severe Inflammatory Reactions in Amyloid Goiter: A Case Report Endocrine Journal, 2001, 48, 323-329.	1.6	4
72	Predictive Value of Autoantibodies to IA-2 for Insulin Requirements in Japanese Subjects With Type 1 Diabetes. Diabetes Care, 2003, 26, 3188-3189.	8.6	3

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73	Synthesis and selfâ€aggregation of zinc 20â€halogenochlorins as a model for bacteriochlorophylls c/d. Journal of Porphyrins and Phthalocyanines, 1998, 2, 159-169.	0.8	3
74	Biphasic Force-Frequency Relation Predicts Primary Cardiac Events in Patients With Hypertrophic Cardiomyopathy. Circulation Journal, 2017, 81, 368-375.	1.6	2
75	Asian Perspective of the EMPA-REG OUTCOME Study. Circulation Journal, 2017, 81, 155-157.	1.6	2
76	Mitochondrial SIRT3 is upregulated by Glucagon-like peptide-1 receptor activation and contributes to reversal of cardiac mitochondrial remodeling induced by type 2 diabetes. European Heart Journal, 2013, 34, 778-778.	2.2	1
77	Impaired force-frequency relation pattern as a novel prognostic predictor in patients with hypertrophic cardiomyopathy. European Heart Journal, 2013, 34, 867-867.	2.2	1
78	Prognostic Impact of Combination of Sphericity Index and Late Gadolinium Enhancement on Cardiac Magnetic Resonance in Patients with Dilated Cardiomyopathy. Journal of Cardiac Failure, 2016, 22, S177.	1.7	1
79	Long-Term Pathological Follow-Up of Myocardium in a Carrier of Duchenne Muscular Dystrophy With Dilated Cardiomyopathy. Circulation: Heart Failure, 2017, 10, e003826.	3.9	1
80	The Selvester QRS score as a predictor of cardiac events in nonischemic dilated cardiomyopathy. Journal of Cardiology, 2018, 72, 265.	1.9	1
81	Cancer and Coronary Heart Disease ― To Bleed or Not to Bleed, That Is the Question ―. Circulation Journal, 2021, 85, 847-849.	1.6	1
82	Modulation of smooth muscle calponin by protein phosphorylation. European Journal of Pharmacology, 1990, 183, 672.	3.5	0
83	Cardiac myosin phosphatase. Journal of Molecular and Cellular Cardiology, 2002, 34, A22.	1.9	O
84	Insulin Resistance Suppresses Cardiac Autophagy Through the AMPK/mTOR Pathway in Type 2 Diabetes. Journal of Cardiac Failure, 2010, 16, S175.	1.7	0
85	Impact on Cardiac Troponin T in Patients with Hypertrophic Cardiomyopathy. Journal of Cardiac Failure, 2011, 17, S150.	1.7	O
86	Hypoxic Preconditioning. Circulation Journal, 2012, 76, 823-824.	1.6	0
87	Role of Dipeptidyl peptidase-4 in the Pathophysiology of Diastolic Heart Failure. Journal of Cardiac Failure, 2012, 18, S132.	1.7	O
88	Role of Dipeptidylpeptidase-4 in the Cardiac Remodeling Observed in Chronic Heart Failure Induced by Pressure Overload. Journal of Cardiac Failure, 2012, 18, S154.	1.7	0
89	Carolic Restriction Ameliorates Cardiac Steatosis by Activation of Autophagy via Cyclic AMP/AMPK/PKA Axis. Journal of Cardiac Failure, 2012, 18, S161.	1.7	0
90	Systemic Amyloidosis Diagnosed with Subcutaneous Adipose Tissue Biopsy: A Case Report. Journal of Cardiac Failure, 2012, 18, S176.	1.7	0

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91	Enzyme replacement therapy reverses endothelial dysfunction in Fabry disease. European Heart Journal, 2013, 34, P5450-P5450.	2.2	0
92	Glucose depletion is essential for the calorie-restriction-mediated cardiac angiogenesis via PKA/AMPK-dependent autophagy. European Heart Journal, 2013, 34, 5870-5870.	2.2	0
93	Akt is essential for adaptive response of systolic left-ventricular function and aging-induced intolerance to exercise. European Heart Journal, 2013, 34, P5028-P5028.	2.2	0
94	Red Blood Cell Distribution Width Predicts Future Cardiac Events in Super-Elderly Patients with Acute Decompensated Heart Failure. Journal of Cardiac Failure, 2014, 20, S162.	1.7	0
95	Dipeptidyl Peptidase 4 Inhibition Ameliorates Hypertensive Heart Failure via Suppression of Angiotensin-II-dependent Natrium Loading and Modulating NHE Expression. Journal of Cardiac Failure, 2014, 20, S145.	1.7	0
96	Adherence to Guideline Recommendations for Systolic Dysfunction in Super-Elderly Patients with Heart Failure: A Real-world Single-center Survey. Journal of Cardiac Failure, 2014, 20, S162.	1.7	0
97	A Distinct Pathophysiological Role of Vascular Inflammatory Markers in Heart failure-Another Role of Angiopoietin-like 2. Journal of Cardiac Failure, 2014, 20, S169.	1.7	0
98	Left Ventricular Contractile Entropy in 99mTc-Sestamibi SPECT is a Novel Prognostic Predictor in Patients with Non-ischemic Dilated Cardiomyopathy. Journal of Cardiac Failure, 2014, 20, S146.	1.7	0
99	Clinical Significance of Lower Total Cholesterol Level in Mild Symptomatic Patients with Nonischemic Dilated Cardiomyopathy. Journal of Cardiac Failure, 2015, 21, S179.	1.7	0
100	UltraSound of Silence Abdominal Aortic Aneurysm. Circulation Journal, 2015, 79, 503-504.	1.6	0
101	Electrocardiographic Changes of Left Ventricular Reverse Remodeling in Dilated Cardiomyopathy Patients. Journal of Cardiac Failure, 2015, 21, S179-S180.	1.7	0
102	The Comparison of the Prognostic Value of Diuretic Response between Heart Failure with Reduced and Preserved Ejection Fraction. Journal of Cardiac Failure, 2015, 21, S182.	1.7	0
103	Aspect Ratio of Left Ventricle in Cardiac Magnetic Resonance Predicts a Future Reverse Remodeling in Non-ischemic Dilated Cardiomyopathy. Journal of Cardiac Failure, 2015, 21, S196.	1.7	0
104	The Nutritional CONUT Score Predicts Short- and Long-Term Prognosis in Super-Elderly Patients with Acute Decompensated Heart Failure. Journal of Cardiac Failure, 2015, 21, S182-S183.	1.7	0
105	The Change of Cardio-Thoracic Ratio and Outcome in Patients with Acute Decompensated Heart Failure. Journal of Cardiac Failure, 2015, 21, S193.	1.7	0
106	A Rapid Progressive Course of Patients with Lamin A/C Mutation Dilated Cardiomyopathy. Journal of Cardiac Failure, 2016, 22, S233.	1.7	0
107	Impact of the Selvester QRS Score on Prognosis and Myocardial Fibrosis in Non-Ischemic Dilated Cardiomyopathy. Journal of Cardiac Failure, 2016, 22, S202.	1.7	0
108	Heart Failure and Cancer ― A Comorbid Risk That Is No Longer Underestimated ―. Circulation Journal, 2020, 84, 1689-1690.	1.6	0