

Masafumi Kitakaze

List of Publications by Year in descending order

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136
papers

8,927
citations

46918

47
h-index

42291

92
g-index

140
all docs

140
docs citations

140
times ranked

10559
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiac hypertrophy is inhibited by antagonism of ADAM12 processing of HB-EGF: Metalloproteinase inhibitors as a new therapy. <i>Nature Medicine</i> , 2002, 8, 35-40.	15.2	713
2	Prolonged Endoplasmic Reticulum Stress in Hypertrophic and Failing Heart After Aortic Constriction. <i>Circulation</i> , 2004, 110, 705-712.	1.6	474
3	JCS 2017/JHFS 2017 Guideline on Diagnosis and Treatment of Acute and Chronic Heart Failure—Digest Version. <i>Circulation Journal</i> , 2019, 83, 2084-2184.	0.7	446
4	Human atrial natriuretic peptide and nicorandil as adjuncts to reperfusion treatment for acute myocardial infarction (J-WIND): two randomised trials. <i>Lancet</i> , The, 2007, 370, 1483-1493.	6.3	434
5	Endoplasmic Reticulum Stress As a Therapeutic Target in Cardiovascular Disease. <i>Circulation Research</i> , 2010, 107, 1071-1082.	2.0	411
6	Increased Endoplasmic Reticulum Stress in Atherosclerotic Plaques Associated With Acute Coronary Syndrome. <i>Circulation</i> , 2007, 116, 1226-1233.	1.6	335
7	Pathophysiology of myocardial reperfusion injury: preconditioning, postconditioning, and translational aspects of protective measures. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H1723-H1741.	1.5	298
8	Metformin Prevents Progression of Heart Failure in Dogs. <i>Circulation</i> , 2009, 119, 2568-2577.	1.6	269
9	Ablation of C/EBP Homologous Protein Attenuates Endoplasmic Reticulum-Mediated Apoptosis and Cardiac Dysfunction Induced by Pressure Overload. <i>Circulation</i> , 2010, 122, 361-369.	1.6	231
10	Natriuretic Peptides Enhance the Production of Adiponectin in Human Adipocytes and in Patients With Chronic Heart Failure. <i>Journal of the American College of Cardiology</i> , 2009, 53, 2070-2077.	1.2	225
11	Exacerbation of heart failure in adiponectin-deficient mice due to impaired regulation of AMPK and glucose metabolism. <i>Cardiovascular Research</i> , 2005, 67, 705-713.	1.8	207
12	AMPK controls the speed of microtubule polymerization and directional cell migration through CLIP-170 phosphorylation. <i>Nature Cell Biology</i> , 2010, 12, 583-590.	4.6	168
13	A cardiac myosin light chain kinase regulates sarcomere assembly in the vertebrate heart. <i>Journal of Clinical Investigation</i> , 2007, 117, 2812-2824.	3.9	140
14	Depression of proteasome activities during the progression of cardiac dysfunction in pressure-overloaded heart of mice. <i>Biochemical and Biophysical Research Communications</i> , 2006, 340, 1125-1133.	1.0	138
15	Increased Expression of P-Selectin on Platelets Is a Risk Factor for Silent Cerebral Infarction in Patients With Atrial Fibrillation. <i>Circulation</i> , 1998, 98, 1721-1727.	1.6	124
16	Echocardiographic assessment of LV hypertrophy and function in aortic-banded mice: necropsy validation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 282, H1703-H1708.	1.5	124
17	Overexpression of endoplasmic reticulum-resident chaperone attenuates cardiomyocyte death induced by proteasome inhibition. <i>Cardiovascular Research</i> , 2008, 79, 600-610.	1.8	124
18	Erythropoietin Enhances Neovascularization of Ischemic Myocardium and Improves Left Ventricular Dysfunction After Myocardial Infarction in Dogs. <i>Journal of the American College of Cardiology</i> , 2006, 48, 176-184.	1.2	123

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19	Activation of Adenosine A 1 Receptor Attenuates Cardiac Hypertrophy and Prevents Heart Failure in Murine Left Ventricular Pressure-Overload Model. <i>Circulation Research</i> , 2003, 93, 759-766.	2.0	120
20	Evaluation of intramitochondrial ATP levels identifies G0/G1 switch gene 2 as a positive regulator of oxidative phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 273-278.	3.3	101
21	FGF23 promotes myocardial fibrosis in mice through activation of β -catenin. <i>Oncotarget</i> , 2016, 7, 64649-64664.	0.8	100
22	Role of Activation of Protein Kinase C in the Infarct Size Limiting Effect of Ischemic Preconditioning Through Activation of Ecto-5'-nucleotidase. <i>Circulation</i> , 1996, 93, 781-791.	1.6	100
23	Urgent Management of Rapid Heart Rate in Patients With Atrial Fibrillation/Flutter and Left Ventricular Dysfunction. <i>Circulation Journal</i> , 2013, 77, 908-916.	0.7	99
24	Role of Phasic Dynamism of p38 Mitogen-Activated Protein Kinase Activation in Ischemic Preconditioning of the Canine Heart. <i>Circulation Research</i> , 2001, 88, 175-180.	2.0	96
25	Identification of genes related to heart failure using global gene expression profiling of human failing myocardium. <i>Biochemical and Biophysical Research Communications</i> , 2010, 393, 55-60.	1.0	93
26	Long-Term Stimulation of Adenosine A2b Receptors Begun After Myocardial Infarction Prevents Cardiac Remodeling in Rats. <i>Circulation</i> , 2006, 114, 1923-1932.	1.6	92
27	Impact of Blockade of Histamine H2 Receptors on Chronic Heart Failure Revealed by Retrospective and Prospective Randomized Studies. <i>Journal of the American College of Cardiology</i> , 2006, 48, 1378-1384.	1.2	91
28	PKA rapidly enhances proteasome assembly and activity in in vivo canine hearts. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 46, 452-462.	0.9	91
29	Chemical Endoplasmic Reticulum Chaperone Alleviates Doxorubicin-Induced Cardiac Dysfunction. <i>Circulation Research</i> , 2016, 118, 798-809.	2.0	88
30	β 1-Adrenoceptor Activation Increases Ecto-5'-Nucleotidase Activity and Adenosine Release in Rat Cardiomyocytes by Activating Protein Kinase C. <i>Circulation</i> , 1995, 91, 2226-2234.	1.6	83
31	Beneficial Effects of Inhibition of Angiotensin-Converting Enzyme on Ischemic Myocardium During Coronary Hypoperfusion in Dogs. <i>Circulation</i> , 1995, 92, 950-961.	1.6	83
32	Optimal Windows of Statin Use for Immediate Infarct Limitation. <i>Circulation</i> , 2004, 110, 2143-2149.	1.6	81
33	Ubiquitin-Proteasome System Impairment Caused by a Missense Cardiac Myosin-binding Protein C Mutation and Associated with Cardiac Dysfunction in Hypertrophic Cardiomyopathy. <i>Journal of Molecular Biology</i> , 2008, 384, 896-907.	2.0	80
34	Histamine H2 receptor activation exacerbates myocardial ischemia/reperfusion injury by disturbing mitochondrial and endothelial function. <i>Basic Research in Cardiology</i> , 2013, 108, 342.	2.5	77
35	The effects of nucleotides and potassium channel openers on the SUR2A/Kir6.2 complex K ⁺ channel expressed in a mammalian cell line, HEK293T cells. <i>Pflügers Archiv European Journal of Physiology</i> , 1998, 435, 595-603.	1.3	74
36	Detrimental effect of fractalkine on myocardial ischaemia and heart failure. <i>Cardiovascular Research</i> , 2011, 92, 385-393.	1.8	72

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37	Role of mitochondrial and sarcolemmal KATPchannels in ischemic preconditioning of the canine heart. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H256-H263.	1.5	71
38	Myocardial Hypertrophic Preconditioning Attenuates Cardiomyocyte Hypertrophy and Slows Progression to Heart Failure Through Upregulation of S100A8/A9. Circulation, 2015, 131, 1506-1517.	1.6	66
39	Increased Release of NO During Ischemia Reduces Myocardial Contractility and Improves Metabolic Dysfunction. Circulation, 1996, 93, 356-364.	1.6	65
40	A Ca channel blocker, benidipine, increases coronary blood flow and attenuates the severity of myocardial ischemia via NO-dependent mechanisms in dogs. Journal of the American College of Cardiology, 1999, 33, 242-249.	1.2	63
41	Direct comparison of the diagnostic capability of cardiac magnetic resonance and endomyocardial biopsy in patients with heart failure. European Journal of Heart Failure, 2013, 15, 166-175.	2.9	62
42	Adenosine and Cardioprotection in the Diseased Heart. Japanese Circulation Journal, 1999, 63, 231-243.	1.0	60
43	Nifedipine-Induced Coronary Vasodilation in Ischemic Hearts Is Attributable to Bradykinin- and NO-Dependent Mechanisms in Dogs. Circulation, 2000, 101, 311-317.	1.6	59
44	Dipeptidyl-peptidase IV inhibition improves pathophysiology of heart failure and increases survival rate in pressure-overloaded mice. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H1361-H1369.	1.5	54
45	Disruption of histamine H2 receptor slows heart failure progression through reducing myocardial apoptosis and fibrosis. Clinical Science, 2014, 127, 435-448.	1.8	51
46	Î ² -Adrenoceptor Blocker Carvedilol Provides Cardioprotection via an Adenosine-Dependent Mechanism in Ischemic Canine Hearts. Circulation, 2004, 109, 2773-2779.	1.6	48
47	Role of nitric oxide in regulation of coronary blood flow during myocardial ischemia in dogs. Journal of the American College of Cardiology, 1996, 27, 1804-1812.	1.2	47
48	Differential Subcellular Actions of ACE Inhibitors and AT 1 Receptor Antagonists on Cardiac Remodeling Induced by Chronic Inhibition of NO Synthesis in Rats. Hypertension, 2001, 38, 404-411.	1.3	45
49	H2 Mediates Cardioprotection Via Involvements of KATP Channels and Permeability Transition Pores of Mitochondria in Dogs. Cardiovascular Drugs and Therapy, 2012, 26, 217-226.	1.3	45
50	Antihypertrophic Memory After Regression of Exercise-Induced Physiological Myocardial Hypertrophy Is Mediated by the Long Noncoding RNA Mhrt779. Circulation, 2021, 143, 2277-2292.	1.6	45
51	JCS/JHFS 2018 Guideline on the Diagnosis and Treatment of Cardiomyopathies. Circulation Journal, 2021, 85, 1590-1689.	0.7	45
52	Control of plasma glucose with alpha-glucosidase inhibitor attenuates oxidative stress and slows the progression of heart failure in mice. Cardiovascular Research, 2006, 70, 107-116.	1.8	42
53	Pathophysiological impact of serum fibroblast growth factor 23 in patients with nonischemic cardiac disease and early chronic kidney disease. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 307, H1504-H1511.	1.5	42
54	Bradykinin Mediation of Ca ²⁺ -Activated K ⁺ Channels Regulates Coronary Blood Flow in Ischemic Myocardium. Circulation, 1997, 95, 1560-1567.	1.6	41

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55	A Novel Data Mining Approach to the Identification of Effective Drugs or Combinations for Targeted Endpoints? Application to Chronic Heart Failure as a New Form of Evidence-based Medicine. <i>Cardiovascular Drugs and Therapy</i> , 2004, 18, 483-489.	1.3	40
56	Benidipine, a long-acting calcium channel blocker, inhibits cardiac remodeling in pressure-overloaded mice. <i>Cardiovascular Research</i> , 2005, 65, 879-888.	1.8	40
57	A histamine H2 receptor blocker ameliorates development of heart failure in dogs independently of β_2 -adrenergic receptor blockade. <i>Basic Research in Cardiology</i> , 2010, 105, 787-794.	2.5	38
58	Blockade of Angiotensin II Receptors Reduces the Expression of Receptors for Advanced Glycation End Products in Human Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, e138-42.	1.1	32
59	Lansoprazole alleviates pressure overload-induced cardiac hypertrophy and heart failure in mice by blocking the activation of β_2 -catenin. <i>Cardiovascular Research</i> , 2020, 116, 101-113.	1.8	32
60	Atorvastatin Slows the Progression of Cardiac Remodeling in Mice with Pressure Overload and Inhibits Epidermal Growth Factor Receptor Activation. <i>Hypertension Research</i> , 2008, 31, 335-344.	1.5	30
61	Serum Blood Urea Nitrogen and Plasma Brain Natriuretic Peptide and Low Diastolic Blood Pressure Predict Cardiovascular Morbidity and Mortality Following Discharge in Acute Decompensated Heart Failure Patients. <i>Circulation Journal</i> , 2012, 76, 2372-2379.	0.7	30
62	Impact of Physical Activity on Cardiovascular Events in Patients With Chronic Heart Failure. <i>Circulation Journal</i> , 2013, 77, 2963-2972.	0.7	30
63	An interaction between glucagon-like peptide-1 and adenosine contributes to cardioprotection of a dipeptidyl peptidase 4 inhibitor from myocardial ischemia-reperfusion injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H1287-H1297.	1.5	30
64	Blockade of histamine H2 receptors protects the heart against ischemia and reperfusion injury in dogs. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 40, 666-674.	0.9	28
65	Pathophysiology of cardiorenal syndrome in patients with heart failure: potential therapeutic targets. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H715-H721.	1.5	28
66	Histone Deacetylase Inhibitor Phenylbutyrate Exaggerates Heart Failure in Pressure Overloaded Mice independently of HDAC inhibition. <i>Scientific Reports</i> , 2016, 6, 34036.	1.6	27
67	Plasma Adiponectin Is Associated with Plasma Brain Natriuretic Peptide and Cardiac Function in Healthy Subjects. <i>Hypertension Research</i> , 2008, 31, 825-831.	1.5	26
68	What Is the Role of ER Stress in the Heart?. <i>Circulation Research</i> , 2010, 107, 15-18.	2.0	26
69	Acute hyperglycemia suppresses left ventricular diastolic function and inhibits autophagic flux in mice under prohypertrophic stimulation. <i>Cardiovascular Diabetology</i> , 2016, 15, 136.	2.7	26
70	Influence of the Lactotripeptides Isoleucine-Proline-Proline and Valine-Proline-Proline on Systolic Blood Pressure in Japanese Subjects: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>PLoS ONE</i> , 2015, 10, e0142235.	1.1	25
71	Inhibition of Angiotensin-converting Enzyme Increases the Nitric Oxide Levels in Canine Ischemic Myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , 1998, 30, 2461-2466.	0.9	24
72	Role of Cellular Acidosis in Production of Nitric Oxide in Canine Ischemic Myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , 2001, 33, 1727-1737.	0.9	24

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73	Abnormal Glucose Tolerance Contributes to the Progression of Chronic Heart Failure in Patients with Dilated Cardiomyopathy. <i>Hypertension Research</i> , 2006, 29, 775-782.	1.5	24
74	Functional alterations of cardiac proteasomes under physiological and pathological conditions. <i>Cardiovascular Research</i> , 2010, 85, 339-346.	1.8	23
75	Double-Blind, Randomized, Placebo-Controlled Trial Evaluating the Efficacy and Safety of Eplerenone in Japanese Patients With Chronic Heart Failure (J-EMPHASIS-HF). <i>Circulation Journal</i> , 2018, 82, 148-158.	0.7	23
76	A role of opening of mitochondrial ATP-sensitive potassium channels in the infarct size-limiting effect of ischemic preconditioning via activation of protein kinase C in the canine heart. <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 1460-1466.	1.0	22
77	Novel Synthesized Radical-Containing Nanoparticles Limit Infarct Size Following Ischemia and Reperfusion in Canine Hearts. <i>Cardiovascular Drugs and Therapy</i> , 2017, 31, 501-510.	1.3	22
78	Angiotensin-converting enzyme inhibitors and angiotensin II receptor blockers synergistically increase coronary blood flow in canine ischemic myocardium. <i>Journal of the American College of Cardiology</i> , 2002, 40, 162-166.	1.2	21
79	Deficiency of type 1 cannabinoid receptors worsens acute heart failure induced by pressure overload in mice. <i>European Heart Journal</i> , 2012, 33, 3124-3133.	1.0	20
80	Plasma adiponectin levels predict cardiovascular events in the observational Arita Cohort Study in Japan: the importance of the plasma adiponectin levels. <i>Hypertension Research</i> , 2012, 35, 843-848.	1.5	20
81	Tiotropium, a Novel Muscarinic M3 Receptor Antagonist, Improved Symptoms of Chronic Obstructive Pulmonary Disease Complicated by Chronic Heart Failure. <i>Circulation Journal</i> , 2006, 70, 1658-1660.	0.7	19
82	Does Treatment of Impaired Glucose Tolerance Improve Cardiovascular Outcomes in Patients with Previous Myocardial Infarction?. <i>Cardiovascular Drugs and Therapy</i> , 2017, 31, 401-411.	1.3	19
83	The Antagonism of Aldosterone Receptor Prevents the Development of Hypertensive Heart Failure Induced by Chronic Inhibition of Nitric Oxide Synthesis in Rats. <i>Cardiovascular Drugs and Therapy</i> , 2006, 20, 93-102.	1.3	18
84	Amlodipine ameliorates myocardial hypertrophy by inhibiting EGFR phosphorylation. <i>Biochemical and Biophysical Research Communications</i> , 2005, 327, 1083-1087.	1.0	17
85	Cytosolic CARP Promotes Angiotensin II- or Pressure Overload-Induced Cardiomyocyte Hypertrophy through Calcineurin Accumulation. <i>PLoS ONE</i> , 2014, 9, e104040.	1.1	16
86	A dipeptidyl peptidase-IV inhibitor improves diastolic dysfunction in Dahl salt-sensitive rats. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 129, 257-265.	0.9	15
87	A calcium channel blocker activates both ecto-5'-nucleotidase and NO synthase in HUVEC. <i>Biochemical and Biophysical Research Communications</i> , 2003, 311, 625-628.	1.0	14
88	Use of serum fibroblast growth factor 23 vs. plasma B-type natriuretic peptide levels in assessing the pathophysiology of patients with heart failure. <i>Hypertension Research</i> , 2017, 40, 181-188.	1.5	13
89	Efficacy and Safety of Early Initiation of Eplerenone Treatment in Patients with Acute Heart Failure (EARLIER trial): a multicentre, randomized, double-blind, placebo-controlled trial. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2022, 8, 108-117.	1.4	13
90	How to Mediate Cardioprotection in Ischemic Hearts—Accumulated Evidence of Basic Research Should Translate to Clinical Medicine. <i>Cardiovascular Drugs and Therapy</i> , 2010, 24, 217-223.	1.3	11

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91	Antihypertrophic effects of adiponectin on cardiomyocytes are associated with the inhibition of heparin-binding epidermal growth factor signaling. <i>Biochemical and Biophysical Research Communications</i> , 2010, 393, 519-525.	1.0	11
92	Azilsartan, but not Candesartan Improves Left Ventricular Diastolic Function in Patients with Hypertension and Heart Failure. <i>International Journal of Gerontology</i> , 2015, 9, 201-205.	0.7	11
93	AST-120, an Adsorbent of Uremic Toxins, Improves the Pathophysiology of Heart Failure in Conscious Dogs. <i>Cardiovascular Drugs and Therapy</i> , 2019, 33, 277-286.	1.3	11
94	Plasma indoxyl sulfate levels predict cardiovascular events in patients with mild chronic heart failure. <i>Scientific Reports</i> , 2020, 10, 16528.	1.6	11
95	An increase in afterload augments ventricular relaxation rate in isolated perfused canine hearts. <i>Cardiovascular Research</i> , 1985, 19, 649-654.	1.8	10
96	Impact of Either GLP-1 Agonists or DPP-4 Inhibitors on Pathophysiology of Heart Failure. <i>International Heart Journal</i> , 2015, 56, 372-376.	0.5	10
97	Plasma B-type natriuretic peptide is a useful tool for assessing coronary heart disease risk in a Japanese general population. <i>Hypertension Research</i> , 2015, 38, 74-79.	1.5	10
98	Clinical Evidence of the Role of Histamine in Heart Failure $\hat{=}$. <i>Journal of the American College of Cardiology</i> , 2016, 67, 1553-1555.	1.2	10
99	Rationale and Design of the Double-Blind, Randomized, Placebo-Controlled Multicenter Trial on Efficacy of Early Initiation of Eplerenone Treatment in Patients with Acute Heart Failure (EARLIER). <i>Cardiovascular Drugs and Therapy</i> , 2015, 29, 179-185.	1.3	9
100	Trends in Characteristics of CVD in Asia $\hat{=}$ and Japan. <i>Journal of the American College of Cardiology</i> , 2015, 66, 196-198.	1.2	9
101	Non-linear Equation using Plasma Brain Natriuretic Peptide Levels to Predict Cardiovascular Outcomes in Patients with Heart Failure. <i>Scientific Reports</i> , 2016, 6, 37073.	1.6	9
102	Cardiovascular Outcomes in Patients With Previous Myocardial Infarction and Mild Diabetes Mellitus Following Treatment With Pioglitazone. <i>EClinicalMedicine</i> , 2018, 4-5, 10-24.	3.2	9
103	The Impact of Bronchodilator Therapy on Systolic Heart Failure with Concomitant Mild to Moderate COPD. <i>Diseases (Basel, Switzerland)</i> , 2018, 6, 4.	1.0	9
104	Derivation of a mathematical expression for predicting the time to cardiac events in patients with heart failure: a retrospective clinical study. <i>Hypertension Research</i> , 2013, 36, 450-456.	1.5	8
105	It is Time to Reconsider the Cardiovascular Protection Afforded by RAAS Blockade - Overview of RAAS Systems. <i>Cardiovascular Drugs and Therapy</i> , 2013, 27, 133-138.	1.3	8
106	Elucidation of the Strongest Predictors of Cardiovascular Events in Patients with Heart Failure. <i>EBioMedicine</i> , 2018, 33, 185-195.	2.7	8
107	Cardioprotection in the Clinical Setting-Lessons from J-WIND Studies. <i>Cardiovascular Drugs and Therapy</i> , 2010, 24, 289-295.	1.3	7
108	Cardioprotective effects of low-dose combination therapy with a statin and an angiotensin receptor blocker in a rat myocardial infarction model. <i>Journal of Cardiology</i> , 2012, 59, 91-96.	0.8	7

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109	An Exploratory Study of Dapagliflozin for the Attenuation of Albuminuria in Patients with Heart Failure and Type 2 Diabetes Mellitus (DAPPER). <i>Cardiovascular Drugs and Therapy</i> , 2018, 32, 183-190.	1.3	7
110	The impact of creating mathematical formula to predict cardiovascular events in patients with heart failure. <i>Scientific Reports</i> , 2018, 8, 3986.	1.6	7
111	It is the Time to Ask What Adenosine Can Do for Cardioprotection in Ischemic Heart Disease. <i>Internal Medicine</i> , 1999, 38, 305-306.	0.3	6
112	Data Mining as a Powerful Tool for Creating Novel Drugs in Cardiovascular Medicine: The Importance of a “Back-and-Forth Loop” Between Clinical Data and Basic Research. <i>Cardiovascular Drugs and Therapy</i> , 2015, 29, 309-315.	1.3	6
113	Translational Study of Hydrogen Gas Inhalation as Adjuncts to Reperfusion Therapy for Acute Myocardial Infarction. <i>Circulation Journal</i> , 2017, 81, 936-937.	0.7	6
114	Effects of Teneagliptin on the Progressive Left Ventricular Diastolic Dysfunction in Patients with Type 2 Diabetes Mellitus in Open-Label, Marker-Stratified Randomized, Parallel-Group Comparison, Standard Treatment-Controlled Multicenter Trial (TOPLEVEL Study): Rationale and Study Design. <i>Cardiovascular Drugs and Therapy</i> , 2019, 33, 363-370.	1.3	6
115	Overexpression of Na ⁺ -HCO ₃ ⁻ cotransporter contributes to the exacerbation of cardiac remodeling in mice with myocardial infarction by increasing intracellular calcium overload. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165623.	1.8	6
116	Arterial stiffening is a crucial factor for left ventricular diastolic dysfunction in a community-based normotensive population. <i>International Journal of Cardiology: Hypertension</i> , 2020, 6, 100038.	2.2	6
117	A calcium channel blocker amlodipine increases coronary blood flow via both adenosine- and NO-dependent mechanisms in ischemic hearts. <i>Journal of Molecular and Cellular Cardiology</i> , 2005, 39, 605-614.	0.9	5
118	Plasma BNP Levels and Diuretics Use as Predictors of Cardiovascular Events in Patients with Myocardial Infarction and Impaired Glucose Tolerance. <i>Cardiovascular Drugs and Therapy</i> , 2020, 34, 79-88.	1.3	5
119	ASB2 is a novel E3 ligase of SMAD9 required for cardiogenesis. <i>Scientific Reports</i> , 2021, 11, 23056.	1.6	5
120	Antacid Therapy in Coronary Artery Disease and Heart Failure: Proton Pump Inhibitors vs. H2 Receptor Blockers. <i>Cardiovascular Drugs and Therapy</i> , 2024, 38, 181-189.	1.3	5
121	Why publish in the <i>American Journal of Physiology-Heart and Circulatory Physiology</i> ? <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H221-H223.	1.5	4
122	Glycoprotein IIb/IIIa Antagonist FK633 Could Not Prevent Neointimal Thickening in Stent Implantation Model of Canine Coronary Artery. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 343-347.	1.1	3
123	A Pathophysiological Role of Plasma Indoxyl Sulfate in Patients with Heart Failure. <i>International Journal of Gerontology</i> , 2017, 11, 62-66.	0.7	3
124	Rationale and Design of the Multicenter Trial on Japan Working Group on the Effects of Angiotensin Receptor Blockers Selection (Azilsartan vs. Candesartan) on Diastolic Function in the Patients Suffering from Heart Failure with Preserved Ejection Fraction: J-TASTE Trial. <i>Cardiovascular Drugs and Therapy</i> , 2018, 32, 381-388.	1.3	3
125	Artificial Intelligence Uncovered Clinical Factors for Cardiovascular Events in Myocardial Infarction Patients with Glucose Intolerance. <i>Cardiovascular Drugs and Therapy</i> , 2020, 34, 535-545.	1.3	3
126	Using Basic and Clinical Research in Cardiology to Achieve Personalized Medicine. <i>Journal of the American College of Cardiology</i> , 2014, 64, 946-948.	1.2	2

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127	Dysfunction of microtubules induces cardiac dysfunction. EBioMedicine, 2018, 37, 3-4.	2.7	2
128	Is Aspirin Loading Before Primary Percutaneous Coronary Intervention for Patients with ST-Elevation Myocardial Infarction Necessary?. Cardiovascular Drugs and Therapy, 2022, , 1.	1.3	2
129	Targeting lysosomal Ca ²⁺ to reduce reperfusion injury. Cardiovascular Research, 2015, 108, 321-323.	1.8	1
130	Radiation-induced HFpEF model as a potential tool for the exploration of novel therapeutic targets. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 313, H323-H325.	1.5	1
131	Olmesartan attenuates pressure-overload- or post-infarction-induced cardiac remodeling in mice. Oncotarget, 2018, 9, 24601-24618.	0.8	1
132	Daily self-monitoring of blood pressure decreases systolic and diastolic blood pressure in hypertensive participants. Heart and Vessels, 2022, 37, 1265-1270.	0.5	1
133	Recent Progress and Next Challenges in the Treatment of Symptomatic Heart Failure in Japan. Circulation Journal, 2015, 79, 2322-2323.	0.7	0
134	Reply to "Use of serum fibroblast growth factor 23 vs. plasma B-type natriuretic peptide levels in assessing the pathophysiology of patients with heart failure". Hypertension Research, 2017, 40, 900-901.	1.5	0
135	RNA Aptamer Binds Heparin-Binding Epidermal Growth Factor-Like Growth Factor with High Affinity and Specificity and Neutralizes Its Activity. International Journal of Gerontology, 2017, 11, 191-196.	0.7	0
136	Endogenously released adenosine causes pulmonary vasodilation during the acute phase of pulmonary embolization in dogs. IJC Heart and Vasculature, 2019, 24, 100396.	0.6	0