

Takayuki Miki

List of Publications by Year in descending order

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55
papers

1,904
citations

304602

22
h-index

254106

43
g-index

58
all docs

58
docs citations

58
times ranked

3283
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of the COVID-19 Pandemic on Glycemic Control and Blood Pressure Control in Patients with Diabetes in Japan. <i>Internal Medicine</i> , 2022, 61, 37-48.	0.3	14
2	Role of Erythropoiesis-Stimulating Agents in Cardiovascular Protection in CKD Patients: Reappraisal of Their Impact and Mechanisms. <i>Cardiovascular Drugs and Therapy</i> , 2022, , 1.	1.3	2
3	Involvement of necroptosis in contrast-induced nephropathy in a rat CKD model. <i>Clinical and Experimental Nephrology</i> , 2021, 25, 708-717.	0.7	3
4	Xanthine oxidoreductase-mediated injury is amplified by upregulated AMP deaminase in type 2 diabetic rat hearts under the condition of pressure overload. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 154, 21-31.	0.9	7
5	Characteristics of patients with emergency attendance for severe hypoglycemia and hyperglycemia in a general hospital in Japan. <i>Medicine (United States)</i> , 2021, 100, e26505.	0.4	0
6	Reduction in GLP-1 secretory capacity may be a novel independent risk factor of coronary artery stenosis. <i>Scientific Reports</i> , 2021, 11, 15578.	1.6	0
7	Is GLP-1 insufficiency a coronary risk factor? A multicenter observational study, BOREAS-CAD2. <i>European Heart Journal</i> , 2021, 42, .	1.0	0
8	Reply to the comment of Hirota et al . on "Accuracy of flash glucose monitoring in insulin-treated patients with type 2 diabetes". <i>Journal of Diabetes Investigation</i> , 2020, 11, 256-256.	1.1	0
9	Empagliflozin attenuates acute kidney injury after myocardial infarction in diabetic rats. <i>Scientific Reports</i> , 2020, 10, 7238.	1.6	23
10	Novel regulation of cardiac branched-chain amino acid metabolism through AMP deaminase: a possible therapeutic target for diabetic cardiomyopathy. <i>European Heart Journal</i> , 2020, 41, .	1.0	1
11	Insulin Resistance is Associated with Longitudinal Changes of Cardiac Repolarization Heterogeneity in Apparently Healthy Subjects. <i>Cardiology and Therapy</i> , 2019, 8, 239-251.	1.1	8
12	P6273 Inhibitory phosphorylation of RIP1 at Ser320 induces nuclear translocation of TFEB, leading to suppression of necroptosis in cardiomyocytes. <i>European Heart Journal</i> , 2019, 40, .	1.0	0
13	mTORC1 inhibition attenuates necroptosis through RIP1 inhibition-mediated TFEB activation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 165552.	1.8	42
14	Canagliflozin, a sodium-glucose cotransporter 2 inhibitor, normalizes renal susceptibility to type 1 cardiorenal syndrome through reduction of renal oxidative stress in diabetic rats. <i>Journal of Diabetes Investigation</i> , 2019, 10, 933-946.	1.1	40
15	Longitudinal impact of dapagliflozin treatment on ventricular repolarization heterogeneity in patients with type 2 diabetes. <i>Journal of Diabetes Investigation</i> , 2019, 10, 1593-1594.	1.1	4
16	Empagliflozin, an SGLT2 Inhibitor, Reduced the Mortality Rate after Acute Myocardial Infarction with Modification of Cardiac Metabolomes and Antioxidants in Diabetic Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 368, 524-534.	1.3	82
17	Accuracy of flash glucose monitoring in insulin-treated patients with type 2 diabetes. <i>Journal of Diabetes Investigation</i> , 2019, 10, 846-850.	1.1	25
18	Does p53 Inhibition Suppress Myocardial Ischemia-Reperfusion Injury?. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2018, 23, 350-357.	1.0	17

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19	P928MTORC1 inhibition suppresses necroptosis through restoration of autophagic flux by inhibitory phosphorylation of RIP1 in cardiomyocytes. <i>European Heart Journal</i> , 2018, 39, .	1.0	0
20	Empagliflozin normalizes the size and number of mitochondria and prevents reduction in mitochondrial size after myocardial infarction in diabetic hearts. <i>Physiological Reports</i> , 2018, 6, e13741.	0.7	118
21	Successful Transcatheter Diagnosis and Medical Treatment of Right Atrial Involvement in IgG4-related Disease. <i>International Heart Journal</i> , 2018, 59, 1155-1160.	0.5	10
22	Translational regulation by miR-301b upregulates AMP deaminase in diabetic hearts. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 119, 138-146.	0.9	14
23	Insufficient activation of Akt upon reperfusion because of its novel modification by reduced PP2A-B55 $\hat{\pm}$ contributes to enlargement of infarct size by chronic kidney disease. <i>Basic Research in Cardiology</i> , 2017, 112, 31.	2.5	24
24	Diabetes increases the susceptibility to acute kidney injury after myocardial infarction through augmented activation of renal Toll-like receptors in rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H1130-H1142.	1.5	24
25	Suppressed autophagic response underlies augmentation of renal ischemia/reperfusion injury by type 2 diabetes. <i>Scientific Reports</i> , 2017, 7, 5311.	1.6	29
26	Effect of sodium-glucose co-transporter-2 inhibitors on impaired ventricular repolarization in people with Type 2 diabetes. <i>Diabetic Medicine</i> , 2017, 34, 1367-1371.	1.2	23
27	Suppression of autophagic flux contributes to cardiomyocyte death by activation of necroptotic pathways. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 108, 203-213.	0.9	34
28	Distinct impacts of sleep-disordered breathing on glycemic variability in patients with and without diabetes mellitus. <i>PLoS ONE</i> , 2017, 12, e0188689.	1.1	17
29	Chronic Treatment With an Erythropoietin Receptor Ligand Prevents Chronic Kidney Disease-Induced Enlargement of Myocardial Infarct Size. <i>Hypertension</i> , 2016, 68, 697-706.	1.3	14
30	Late gadolinium enhancement image masquerading as hypertrophic cardiomyopathy in Fabry disease receiving enzyme replacement therapy. <i>International Journal of Cardiology</i> , 2016, 203, 136-137.	0.8	3
31	Inhibition of DPP-4 reduces acute mortality after myocardial infarction with restoration of autophagic response in type 2 diabetic rats. <i>Cardiovascular Diabetology</i> , 2015, 14, 103.	2.7	49
32	Excessive degradation of adenine nucleotides by up-regulated AMP deaminase underlies afterload-induced diastolic dysfunction in the type 2 diabetic heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 80, 136-145.	0.9	24
33	IQ is an independent predictor of glycated haemoglobin level in young and middle-aged adults with intellectual disability. <i>Diabetic Medicine</i> , 2015, 32, 129-132.	1.2	1
34	Does glycemic control reverse dispersion of ventricular repolarization in type 2 diabetes?. <i>Cardiovascular Diabetology</i> , 2014, 13, 125.	2.7	20
35	Immunoreactivity of glucose transporter 5 is located in epithelial cells of the choroid plexus and ependymal cells. <i>Neuroscience</i> , 2014, 260, 149-157.	1.1	19
36	Diabetic cardiomyopathy: pathophysiology and clinical features. <i>Heart Failure Reviews</i> , 2013, 18, 149-166.	1.7	368

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37	Effects of diabetes on myocardial infarct size and cardioprotection by preconditioning and postconditioning. <i>Cardiovascular Diabetology</i> , 2012, 11, 67.	2.7	125
38	Role of ER Stress in Ventricular Contractile Dysfunction in Type 2 Diabetes. <i>PLoS ONE</i> , 2012, 7, e39893.	1.1	62
39	Short Communication: Angiotensin II Type 1 Receptor-Mediated Upregulation of Calcineurin Activity Underlies Impairment of Cardioprotective Signaling in Diabetic Hearts. <i>Circulation Research</i> , 2010, 106, 129-132.	2.0	60
40	Endoplasmic Reticulum Stress in Diabetic Hearts Abolishes Erythropoietin-Induced Myocardial Protection by Impairment of Phospho-Glycogen Synthase Kinase-Mediated Suppression of Mitochondrial Permeability Transition. <i>Diabetes</i> , 2009, 58, 2863-2872.	0.3	114
41	Limitation of myocardial infarct size in the clinical setting: current status and challenges in translating animal experiments into clinical therapy. <i>Basic Research in Cardiology</i> , 2008, 103, 501-513.	2.5	149
42	Evaluation of the Airway Scope, a new video laryngoscope, in tracheal intubation by naive operators: a manikin study. <i>Acta Anaesthesiologica Scandinavica</i> , 2007, 51, 1378-1381.	0.7	44
43	Macrophage Colony-Stimulating Factor Treatment After Myocardial Infarction Attenuates Left Ventricular Dysfunction by Accelerating Infarct Repair. <i>Journal of the American College of Cardiology</i> , 2006, 47, 626-634.	1.2	70
44	Granulocyte colony stimulating factor/macrophage colony stimulating factor improves postinfarct ventricular function by suppression of border zone remodelling in rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2004, 31, 873-882.	0.9	19
45	Critical timing of mitochondrial K ATP channel opening for enhancement of myocardial tolerance against infarction. <i>Basic Research in Cardiology</i> , 2001, 96, 446-453.	2.5	24
46	Neurons in the hilus region of the rat hippocampus are depleted in number by exposure to alcohol during early postnatal life. <i>Hippocampus</i> , 2000, 10, 284-295.	0.9	40
47	The effect of the timing of ethanol exposure during early postnatal life on total number of Purkinje cells in rat cerebellum. <i>Journal of Anatomy</i> , 1999, 194, 423-431.	0.9	22
48	Abnormal distribution of hippocampal mossy fibers in rats exposed to X-irradiation in utero. <i>Developmental Brain Research</i> , 1999, 112, 275-280.	2.1	18
49	Estimation of the numerical densities of neurons and synapses in cerebral cortex. <i>Brain Research Protocols</i> , 1997, 2, 9-16.	1.7	28
50	Asymmetric Submandibular Gland Uptake of 1-123 MIBG Mimicking A Chemodectoma. <i>Clinical Nuclear Medicine</i> , 1995, 20, 284-285.	0.7	1
51	Membrane potential-linked reversed electron transfer in the beef heart cytochrome bc1 complex reconstituted into potassium-loaded phospholipid vesicles. <i>Journal of Biological Chemistry</i> , 1994, 269, 1827-33.	1.6	35
52	Congenital soft-part chondroma. A case report. <i>Clinical Orthopaedics and Related Research</i> , 1989, , 244-8.	0.7	1
53	An irreducible dislocation of the great toe. Report of two cases and review of the literature. <i>Clinical Orthopaedics and Related Research</i> , 1988, , 200-6.	0.7	14
54	Scintigraphy in nontraumatic femoral head necrosis. <i>Acta Orthopaedica</i> , 1987, 58, 375-378.	1.4	9

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55	A Mechanism of Respiratory Control: Studies with Proteoliposomes Containing Cytochrome Oxidase and Bacteriorhodopsin1. Journal of Biochemistry, 1987, 102, 199-209.	0.9	7