Takayuki Miki

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3882032/publications.pdf

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55	1,904	304602	254106
papers	citations	22 h-index	43 g-index

58	58	58	3283
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Diabetic cardiomyopathy: pathophysiology and clinical features. Heart Failure Reviews, 2013, 18, 149-166.	1.7	368
2	Limitation of myocardial infarct size in the clinical setting: current status and challenges in translating animal experiments into clinical therapy. Basic Research in Cardiology, 2008, 103, 501-513.	2.5	149
3	Effects of diabetes on myocardial infarct size and cardioprotection by preconditioning and postconditioning. Cardiovascular Diabetology, 2012, 11, 67.	2.7	125
4	Empagliflozin normalizes the size and number of mitochondria and prevents reduction in mitochondrial size after myocardial infarction in diabetic hearts. Physiological Reports, 2018, 6, e13741.	0.7	118
5	Endoplasmic Reticulum Stress in Diabetic Hearts Abolishes Erythropoietin-Induced Myocardial Protection by Impairment of Phosphoâ€“Glycogen Synthase Kinase-3Î²â€“Mediated Suppression of Mitochondrial Permeability Transition. Diabetes, 2009, 58, 2863-2872.	0.3	114
6	Empagliflozin, an SGLT2 Inhibitor, Reduced the Mortality Rate after Acute Myocardial Infarction with Modification of Cardiac Metabolomes and Antioxidants in Diabetic Rats. Journal of Pharmacology and Experimental Therapeutics, 2019, 368, 524-534.	1.3	82
7	Macrophage Colony-Stimulating Factor Treatment After Myocardial Infarction Attenuates Left Ventricular Dysfunction by Accelerating Infarct Repair. Journal of the American College of Cardiology, 2006, 47, 626-634.	1.2	70
8	Role of ER Stress in Ventricular Contractile Dysfunction in Type 2 Diabetes. PLoS ONE, 2012, 7, e39893.	1.1	62
9	Short Communication: Angiotensin II Type 1 Receptorâ€“Mediated Upregulation of Calcineurin Activity Underlies Impairment of Cardioprotective Signaling in Diabetic Hearts. Circulation Research, 2010, 106, 129-132.	2.0	60
10	Inhibition of DPP-4 reduces acute mortality after myocardial infarction with restoration of autophagic response in type 2 diabetic rats. Cardiovascular Diabetology, 2015, 14, 103.	2.7	49
11	Evaluation of the Airway Scope, a new video laryngoscope, in tracheal intubation by naive operators: a manikin study. Acta Anaesthesiologica Scandinavica, 2007, 51, 1378-1381.	0.7	44
12	mTORC1 inhibition attenuates necroptosis through RIP1 inhibition-mediated TFEB activation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 165552.	1.8	42
13	Neurons in the hilus region of the rat hippocampus are depleted in number by exposure to alcohol during early postnatal life. Hippocampus, 2000, 10, 284-295.	0.9	40
14	Canagliflozin, a sodiumâ€“glucose cotransporterÂ2 inhibitor, normalizes renal susceptibility to typeÂ1 cardiorenal syndrome through reduction of renal oxidative stress in diabetic rats. Journal of Diabetes Investigation, 2019, 10, 933-946.	1.1	40
15	Membrane potential-linked reversed electron transfer in the beef heart cytochrome bc1 complex reconstituted into potassium-loaded phospholipid vesicles. Journal of Biological Chemistry, 1994, 269, 1827-33.	1.6	35
16	Suppression of autophagic flux contributes to cardiomyocyte death by activation of necroptotic pathways. Journal of Molecular and Cellular Cardiology, 2017, 108, 203-213.	0.9	34
17	Suppressed autophagic response underlies augmentation of renal ischemia/reperfusion injury by type 2 diabetes. Scientific Reports, 2017, 7, 5311.	1.6	29
18	Estimation of the numerical densities of neurons and synapses in cerebral cortex. Brain Research Protocols, 1997, 2, 9-16.	1.7	28

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19	Accuracy of flash glucose monitoring in insulinâ€treated patients with typeÂ2 diabetes. Journal of Diabetes Investigation, 2019, 10, 846-850.	1.1	25
20	Critical timing of mitochondrial K ATP channel opening for enhancement of myocardial tolerance against infarction. Basic Research in Cardiology, 2001, 96, 446-453.	2.5	24
21	Excessive degradation of adenine nucleotides by up-regulated AMP deaminase underlies afterload-induced diastolic dysfunction in the type 2 diabetic heart. Journal of Molecular and Cellular Cardiology, 2015, 80, 136-145.	0.9	24
22	Insufficient activation of Akt upon reperfusion because of its novel modification by reduced PP2A-B55Î± contributes to enlargement of infarct size by chronic kidney disease. Basic Research in Cardiology, 2017, 112, 31.	2.5	24
23	Diabetes increases the susceptibility to acute kidney injury after myocardial infarction through augmented activation of renal Toll-like receptors in rats. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 313, H1130-H1142.	1.5	24
24	Effect of sodiumâ€glucose coâ€transporterâ€2 inhibitors on impaired ventricular repolarization in people with Type 2 diabetes. Diabetic Medicine, 2017, 34, 1367-1371.	1.2	23
25	Empagliflozin attenuates acute kidney injury after myocardial infarction in diabetic rats. Scientific Reports, 2020, 10, 7238.	1.6	23
26	The effect of the timing of ethanol exposure during early postnatal life on total number of Purkinje cells in rat cerebellum. Journal of Anatomy, 1999, 194, 423-431.	0.9	22
27	Does glycemic control reverse dispersion of ventricular repolarization in type 2 diabetes?. Cardiovascular Diabetology, 2014, 13, 125.	2.7	20
28	Granulocyte colony stimulating factor/macrophage colony stimulating factor improves postinfarct ventricular function by suppression of border zone remodelling in rats. Clinical and Experimental Pharmacology and Physiology, 2004, 31, 873-882.	0.9	19
29	Immunoreactivity of glucose transporter 5 is located in epithelial cells of the choroid plexus and ependymal cells. Neuroscience, 2014, 260, 149-157.	1.1	19
30	Abnormal distribution of hippocampal mossy fibers in rats exposed to X-irradiation in utero. Developmental Brain Research, 1999, 112, 275-280.	2.1	18
31	Does p53 Inhibition Suppress Myocardial Ischemiaâ€“Reperfusion Injury?. Journal of Cardiovascular Pharmacology and Therapeutics, 2018, 23, 350-357.	1.0	17
32	Distinct impacts of sleep-disordered breathing on glycemic variability in patients with and without diabetes mellitus. PLoS ONE, 2017, 12, e0188689.	1.1	17
33	Chronic Treatment With an Erythropoietin Receptor Ligand Prevents Chronic Kidney Diseaseâ€“Induced Enlargement of Myocardial Infarct Size. Hypertension, 2016, 68, 697-706.	1.3	14
34	Translational regulation by miR-301b upregulates AMP deaminase in diabetic hearts. Journal of Molecular and Cellular Cardiology, 2018, 119, 138-146.	0.9	14
35	Impact of the COVID-19 Pandemic on Glycemic Control and Blood Pressure Control in Patients with Diabetes in Japan. Internal Medicine, 2022, 61, 37-48.	0.3	14
36	An irreducible dislocation of the great toe. Report of two cases and review of the literature. Clinical Orthopaedics and Related Research, 1988, , 200-6.	0.7	14

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37	Successful Transcatheter Diagnosis and Medical Treatment of Right Atrial Involvement in IgG4-related Disease. International Heart Journal, 2018, 59, 1155-1160.	0.5	10
38	Scintigraphy in nontraumatic femoral head necrosis. Acta Orthopaedica, 1987, 58, 375-378.	1.4	9
39	Insulin Resistance is Associated with Longitudinal Changes of Cardiac Repolarization Heterogeneity in Apparently Healthy Subjects. Cardiology and Therapy, 2019, 8, 239-251.	1.1	8
40	A Mechanism of Respiratory Control: Studies with Proteoliposomes Containing Cytochrome Oxidase and Bacteriorhodopsin1. Journal of Biochemistry, 1987, 102, 199-209.	0.9	7
41	Xanthine oxidoreductase-mediated injury is amplified by upregulated AMP deaminase in type 2 diabetic rat hearts under the condition of pressure overload. Journal of Molecular and Cellular Cardiology, 2021, 154, 21-31.	0.9	7
42	Longitudinal impact of dapagliflozin treatment on ventricular repolarization heterogeneity in patients with typeÂ2 diabetes. Journal of Diabetes Investigation, 2019, 10, 1593-1594.	1.1	4
43	Late gadolinium enhancement image masquerading as hypertrophic cardiomyopathy in Fabry disease receiving enzyme replacement therapy. International Journal of Cardiology, 2016, 203, 136-137.	0.8	3
44	Involvement of necroptosis in contrast-induced nephropathy in a rat CKD model. Clinical and Experimental Nephrology, 2021, 25, 708-717.	0.7	3
45	Role of Erythropoiesis-Stimulating Agents in Cardiovascular Protection in CKD Patients: Reappraisal of Their Impact and Mechanisms. Cardiovascular Drugs and Therapy, 2022, , 1.	1.3	2
46	Asymmetric Submandibular Gland Uptake of 1-123 MIBG Mimicking A Chemodectoma. Clinical Nuclear Medicine, 1995, 20, 284-285.	0.7	1
47	IQ is an independent predictor of glycated haemoglobin level in young and middle-aged adults with intellectual disability. Diabetic Medicine, 2015, 32, 129-132.	1.2	1
48	Novel regulation of cardiac branched-chain amino acid metabolism through AMP deaminase: a possible therapeutic target for diabetic cardiomyopathy. European Heart Journal, 2020, 41, .	1.0	1
49	Congenital soft-part chondroma. A case report. Clinical Orthopaedics and Related Research, 1989, , 244-8.	0.7	1
50	P928MTORC1 inhibition suppresses necroptosis through restoration of autophagic flux by inhibitory phosphorylation of RIP1 in cardiomyocytes. European Heart Journal, 2018, 39, .	1.0	0
51	P6273Inhibitory phosphorylation of RIP1 at Ser320 induces nuclear translocation of TFEB, leading to suppression of necroptosis in cardiomyocytes. European Heart Journal, 2019, 40, .	1.0	0
52	Reply to the comment of Hirota etÂal . on â€œAccuracy of flash glucose monitoring in insulinâ€treated patients with typeÂ2 diabetesâ€. Journal of Diabetes Investigation, 2020, 11, 256-256.	1.1	0
53	Characteristics of patients with emergency attendance for severe hypoglycemia and hyperglycemia in a general hospital in Japan. Medicine (United States), 2021, 100, e26505.	0.4	0
54	Reduction in GLP-1 secretory capacity may be a novel independent risk factor of coronary artery stenosis. Scientific Reports, 2021, 11, 15578.	1.6	0

#	Article	IF	Citations
55	Is GLP-1 insufficiency a coronary risk factor? A multicenter observational study, BOREAS-CAD2. European Heart Journal, 2021, 42, .	1.0	0