

Masashi Mukohda

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

828
citations

471061

17
h-index

552369

26
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46
all docs

46
docs citations

46
times ranked

1188
citing authors

#	ARTICLE	IF	CITATIONS
1	Omentin, a novel adipokine, induces vasodilation in rat isolated blood vessels. <i>Biochemical and Biophysical Research Communications</i> , 2010, 393, 668-672.	1.0	220
2	A novel adipocytokine, nesfatin-1 modulates peripheral arterial contractility and blood pressure in rats. <i>Biochemical and Biophysical Research Communications</i> , 2012, 418, 676-681.	1.0	67
3	Endothelial PPAR- δ provides vascular protection from IL-1 β -induced oxidative stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H39-H48.	1.5	61
4	Methylglyoxal Inhibits Smooth Muscle Contraction in Isolated Blood Vessels. <i>Journal of Pharmacological Sciences</i> , 2009, 109, 305-310.	1.1	38
5	Exploring Mechanisms of Diabetes-Related Macrovascular Complications: Role of Methylglyoxal, a Metabolite of Glucose on Regulation of Vascular Contractility. <i>Journal of Pharmacological Sciences</i> , 2012, 118, 303-310.	1.1	37
6	Interference with PPAR δ in endothelium accelerates angiotensin II-induced endothelial dysfunction. <i>Physiological Genomics</i> , 2016, 48, 124-134.	1.0	32
7	RhoBTB1 protects against hypertension and arterial stiffness by restraining phosphodiesterase 5 activity. <i>Journal of Clinical Investigation</i> , 2019, 129, 2318-2332.	3.9	32
8	Methylglyoxal Accumulation in Arterial Walls Causes Vascular Contractile Dysfunction in Spontaneously Hypertensive Rats. <i>Journal of Pharmacological Sciences</i> , 2012, 120, 26-35.	1.1	31
9	Mechanisms Underlying Pioglitazone-Mediated Relaxation in Isolated Blood Vessel. <i>Journal of Pharmacological Sciences</i> , 2008, 108, 258-265.	1.1	30
10	Telmisartan inhibits methylglyoxal-mediated cell death in human vascular endothelium. <i>Biochemical and Biophysical Research Communications</i> , 2008, 373, 253-257.	1.0	27
11	PPAR δ Regulation in Hypertension and Metabolic Syndrome. <i>Current Hypertension Reports</i> , 2015, 17, 89.	1.5	27
12	Hypertension-Causing Mutation in Peroxisome Proliferator-Activated Receptor δ Impairs Nuclear Export of Nuclear Factor- κ B p65 in Vascular Smooth Muscle. <i>Hypertension</i> , 2017, 70, 174-182.	1.3	25
13	Methylglyoxal Enhances Sodium Nitroprusside-Induced Relaxation in Rat Aorta. <i>Journal of Pharmacological Sciences</i> , 2010, 112, 176-183.	1.1	24
14	Methylglyoxal Augments Angiotensin II-Induced Contraction in Rat Isolated Carotid Artery. <i>Journal of Pharmacological Sciences</i> , 2010, 114, 390-398.	1.1	20
15	Failure to vasodilate in response to salt loading blunts renal blood flow and causes salt-sensitive hypertension. <i>Cardiovascular Research</i> , 2021, 117, 308-319.	1.8	20
16	Long-term methylglyoxal treatment impairs smooth muscle contractility in organ-cultured rat mesenteric artery. <i>Pharmacological Research</i> , 2012, 65, 91-99.	3.1	19
17	Long-Term Methylglyoxal Treatment Causes Endothelial Dysfunction of Rat Isolated Mesenteric Artery. <i>Journal of Veterinary Medical Science</i> , 2013, 75, 151-157.	0.3	19
18	Endothelial PPAR δ (Peroxisome Proliferator-Activated Receptor- δ) Protects From Angiotensin II-Induced Endothelial Dysfunction in Adult Offspring Born From Pregnancies Complicated by Hypertension. <i>Hypertension</i> , 2019, 74, 173-183.	1.3	18

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19	Interference With Endothelial PPAR (Peroxisome Proliferator-Activated Receptor)- γ^3 Causes Accelerated Cerebral Vascular Dysfunction in Response to Endogenous Renin-Angiotensin System Activation. <i>Hypertension</i> , 2018, 72, 1227-1235.	1.3	17
20	Increased Blood Pressure Causes Lymphatic Endothelial Dysfunction via Oxidative Stress in Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2020, 76, 598-606.	1.3	17
21	Nervous System Expression of PPAR γ^3 and Mutant PPAR γ^3 Has Profound Effects on Metabolic Regulation and Brain Development. <i>Endocrinology</i> , 2016, 157, 4266-4275.	1.4	14
22	Effect of selective expression of dominant-negative PPAR γ^3 in pro-opiomelanocortin neurons on the control of energy balance. <i>Physiological Genomics</i> , 2016, 48, 491-501.	1.0	13
23	Influences of Organic Solvents on CYPMPO-Electron Spin Resonance Spectra in In Vitro Radical Generating Systems. <i>Journal of Veterinary Medical Science</i> , 2010, 72, 1547-1550.	0.3	9
24	Anti-inflammatory mechanisms of the vascular smooth muscle PPAR γ^3 . <i>Journal of Smooth Muscle Research</i> , 2021, 57, 1-7.	0.7	5
25	Streptococcal Exotoxin Streptolysin O Causes Vascular Endothelial Dysfunction Through PKC β^2 Activation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, 379, JPET-AR-2021-000752.	1.3	2
26	Streptolysin O: a novel mediator of endothelial dysfunction. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2021, 94, 2-O-D3-2.	0.0	0
27	Role of endothelial PPAR γ^3 : Protection against vascular dysfunction induced by IL-1 β . <i>FASEB Journal</i> , 2015, 29, 642.3.	0.2	0
28	Abstract P205: Endothelium-specific Interference with PPAR γ Causes Cerebral Vascular Dysfunction in Response to Endogenous Renin-angiotensin System Activation. <i>Hypertension</i> , 2016, 68, .	1.3	0
29	Abstract P158: Cullin3 Regulated Endothelial Function by Modulating eNOS Activity. <i>Hypertension</i> , 2016, 68, .	1.3	0
30	Abstract 053: RhoBTB1 is a Novel Gene Protecting Against Hypertension. <i>Hypertension</i> , 2016, 68, .	1.3	0
31	Smooth Muscle PPAR γ^3 Mutation Causes Impaired Renal Blood Flow and Salt-Sensitive Hypertension. <i>FASEB Journal</i> , 2018, 32, .	0.2	0
32	Endogenous Renin-Angiotensin System Activation Causes Accelerated Cerebral Vascular Dysfunction in Mice Expressing Dominant-Negative Mutations in PPAR γ^3 in Endothelium. <i>FASEB Journal</i> , 2018, 32, 711.13.	0.2	0
33	Cardiovascular Effects of Endothelial-Specific Interference with PPAR γ^3 Activity in Offspring Born from AVP-Induced Preeclamptic Pregnancies. <i>FASEB Journal</i> , 2018, 32, 911.5.	0.2	0
34	Endothelial Cullin3 Mutation Causes Vascular Dysfunction, Arterial Stiffening, and Hypertension. <i>FASEB Journal</i> , 2018, 32, 900.1.	0.2	0
35	Abstract 133: Endothelial-Specific Interference With PPAR γ^3 Increases the Susceptibility to Angiotensin II-Induced Endothelial Dysfunction in Adult Offspring Born from AVP-Infused Pregnancies. <i>Hypertension</i> , 2018, 72, .	1.3	0
36	Abstract 036: Interference With PPAR γ^3 in the Endothelium Produces Endothelial Dysfunction in the Cerebral Circulation in Response to Activation of the Endogenous Renin-Angiotensin System. <i>Hypertension</i> , 2018, 72, .	1.3	0

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37	Abstract 110: Vascular Smooth Muscle RhoBTB1 Protects From Hypertension and Arterial Stiffness by Cullin-3 Dependent Ubiquitination of Phosphodiesterase 5. Hypertension, 2018, 72, .	1.3	0
38	Abstract 094: Smooth Muscle PPAR γ Mutation Causes Impaired Renal Blood Flow and Salt-Sensitive Hypertension. Hypertension, 2018, 72, .	1.3	0
39	Role of PPARC, a Transcriptional Factor on Hypertension. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2019, 92, 3-S30-2.	0.0	0
40	Thoracic duct function was impaired in spontaneously hypertensive rat. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2019, 92, 2-YIA-25.	0.0	0
41	Endothelial-Specific Interference with PPAR γ Causes Endothelial Dysfunction with Sex-Specific Mechanisms in Offspring Born from AVP-infused Pregnancies. FASEB Journal, 2019, 33, 758.3.	0.2	0
42	Smooth Muscle PPAR γ Mutation Causes Impaired Renal Blood Flow and Salt-Sensitive Hypertension. FASEB Journal, 2019, 33, 569.18.	0.2	0
43	Abstract 120: Protective Role of Vascular Smooth Muscle Rho-Related BTB Domain Containing Protein 1 in Hypertension and Arterial Stiffness. Hypertension, 2019, 74, .	1.3	0
44	Abstract P079: Lymphatic Contraction Was Enhanced In Spontaneously Hypertensive Rats. Hypertension, 2020, 76, .	1.3	0
45	Bacterial toxin, streptolysin O caused vascular endothelial dysfunction: Relationship between dysbiosis and hypertension. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2020, 93, 2-O-061.	0.0	0