Masashi Mukohda

List of Publications by Year
in descending order

45 papers	828 citations	471061 17 h-index	552369 26 g-index
46 all docs	46 docs citations	46 times ranked	1188 citing authors

#	Article	IF	Citations
1	Failure to vasodilate in response to salt loading blunts renal blood flow and causes salt-sensitive hypertension. Cardiovascular Research, 2021, 117, 308-319.	1.8	20
2	Streptolysin O: a novel mediator of endothelial dysfunction. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2021, 94, 2-O-D3-2.	0.0	0
3	Anti-inflammatory mechanisms of the vascular smooth muscle PPARÎ³. Journal of Smooth Muscle Research, 2021, 57, 1-7.	0.7	5
4	Streptococcal Exotoxin Streptolysin O Causes Vascular Endothelial Dysfunction Through PKCÎ² Activation. Journal of Pharmacology and Experimental Therapeutics, 2021, 379, JPET-AR-2021-000752.	1.3	2
5	Increased Blood Pressure Causes Lymphatic Endothelial Dysfunction via Oxidative Stress in Spontaneously Hypertensive Rats. Hypertension, 2020, 76, 598-606.	1.3	17
6	Abstract P079: Lymphatic Contraction Was Enhanced In Spontaneously Hypertensive Rats. Hypertension, 2020, 76, .	1.3	0
7	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
8	Endothelial PPARÎ³ (Peroxisome Proliferatorâ€"Activated Receptor-Î³) Protects From Angiotensin IIâ€"Induced Endothelial Dysfunction in Adult Offspring Born From Pregnancies Complicated by Hypertension. Hypertension, 2019, 74, 173-183.	1.3	18
9	RhoBTB1 protects against hypertension and arterial stiffness by restraining phosphodiesterase 5 activity. Journal of Clinical Investigation, 2019, 129, 2318-2332.	3.9	32
10	Role of PPARG, a Transcriptional Factor on Hypertension. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2019, 92, 3-S30-2.	0.0	0
11	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
12	Endothelialâ€Specific Interference with PPARÎ³ Causes Endothelial Dysfunction with Sexâ€•Specific Mechanisms in Offspring Born from AVPâ€•infused Pregnancies. FASEB Journal, 2019, 33, 758.3.	0.2	0
13	Smooth Muscle PPARgamma Mutation Causes Impaired Renal Blood Flow and Saltâ€Sensitive Hypertension. FASEB Journal, 2019, 33, 569.18.	0.2	0
14	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
15	Interference With Endothelial PPAR (Peroxisome Proliferatorâ€"Activated Receptor)-Î³ Causes Accelerated Cerebral Vascular Dysfunction in Response to Endogenous Renin-Angiotensin System Activation. Hypertension, 2018, 72, 1227-1235.	1.3	17
16	Smooth Muscle PPARÎ³ Mutation Causes Impaired Renal Blood Flow and Saltâ€Sensitive Hypertension. FASEB Journal, 2018, 32, .	0.2	0
17	Endogenous Reninâ€Angiotensin System Activation Causes Accelerated Cerebral Vascular Dysfunction in Mice Expressing Dominantâ€Negative Mutations in PPARÎ³ in Endothelium. FASEB Journal, 2018, 32, 711.13.	0.2	0
18	Cardiovascular Effects of Endothelialâ€Specific Interference with PPARÎ³ Activity in Offspring Born from AVPâ€•induced Preeclamptic Pregnancies. FASEB Journal, 2018, 32, 911.5.	0.2	0

#	Article	IF	Citations
19	Endothelial Cullin3 Mutation Causes Vascular Dysfunction, Arterial Stiffening, and Hypertension. FASEB Journal, 2018, 32, 900.1.	0.2	0
20	Abstract 133: Endothelial-Specific Interference With PPARÎ³ Increases the Susceptibility to Angiotensin II-Induced Endothelial Dysfunction in Adult Offspring Born from AVP-Infused Pregnancies. Hypertension, 2018, 72, .	1.3	0
21	Abstract 036: Interference With PPARÎ³ in the Endothelium Produces Endothelial Dysfunction in the Cerebral Circulation in Response to Activation of the Endogenous Renin-Angiotensin System. Hypertension, 2018, 72, .	1.3	0
22	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
23	Abstract 094: Smooth Muscle PPARÎ³ Mutation Causes Impaired Renal Blood Flow and Salt-Sensitive Hypertension. Hypertension, 2018, 72, .	1.3	0
24	Hypertension-Causing Mutation in Peroxisome Proliferatorâ€"Activated Receptor Î³ Impairs Nuclear Export of Nuclear Factor-ÎºB p65 in Vascular Smooth Muscle. Hypertension, 2017, 70, 174-182.	1.3	25
25	Effect of selective expression of dominant-negative PPARÎ³ in pro-opiomelanocortin neurons on the control of energy balance. Physiological Genomics, 2016, 48, 491-501.	1.0	13
26	Interference with PPARÎ³ in endothelium accelerates angiotensin II-induced endothelial dysfunction. Physiological Genomics, 2016, 48, 124-134.	1.0	32
27	Nervous System Expression of PPARÎ³ and Mutant PPARÎ³ Has Profound Effects on Metabolic Regulation and Brain Development. Endocrinology, 2016, 157, 4266-4275.	1.4	14
28	Endothelial PPAR-Î³ provides vascular protection from IL-1Î²-induced oxidative stress. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H39-H48.	1.5	61
29	Abstract P205: Endothelium-specific Interference with PPARG Causes Cerebral Vascular Dysfunction in Response to Endogenous Renin-angiotensin System Activation. Hypertension, 2016, 68, .	1.3	0
30	Abstract P158: Cullin3 Regulated Endothelial Function by Modulating eNOS Activity. Hypertension, 2016, 68, .	1.3	0
31	Abstract 053: RhoBTB1 is a Novel Gene Protecting Against Hypertension. Hypertension, 2016, 68, .	1.3	0
32	PPARÎ³ Regulation in Hypertension and Metabolic Syndrome. Current Hypertension Reports, 2015, 17, 89.	1.5	27
33	Role of endothelial PPARÎ³: Protection against vascular dysfunction induced by ILâ€1Î². FASEB Journal, 2015, 29, 642.3.	0.2	0
34	Long-Term Methylglyoxal Treatment Causes Endothelial Dysfunction of Rat Isolated Mesenteric Artery. Journal of Veterinary Medical Science, 2013, 75, 151-157.	0.3	19
35	Exploring Mechanisms of Diabetes-Related Macrovascular Complications: Role of Methylglyoxal, a Metabolite of Glucose on Regulation of Vascular Contractility. Journal of Pharmacological Sciences, 2012, 118, 303-310.	1.1	37
36	Methylglyoxal Accumulation in Arterial Walls Causes Vascular Contractile Dysfunction in Spontaneously Hypertensive Rats. Journal of Pharmacological Sciences, 2012, 120, 26-35.	1.1	31

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37	A novel adipocytokine, nesfatin-1 modulates peripheral arterial contractility and blood pressure in rats. Biochemical and Biophysical Research Communications, 2012, 418, 676-681.	1.0	67
38	Long-term methylglyoxal treatment impairs smooth muscle contractility in organ-cultured rat mesenteric artery. Pharmacological Research, 2012, 65, 91-99.	3.1	19
39	Methylglyoxal Enhances Sodium Nitroprussideâ€"Induced Relaxation in Rat Aorta. Journal of Pharmacological Sciences, 2010, 112, 176-183.	1.1	24
40	Methylglyoxal Augments Angiotensin IIâ€"Induced Contraction in Rat Isolated Carotid Artery. Journal of Pharmacological Sciences, 2010, 114, 390-398.	1.1	20
41	Influences of Organic Solvents on CYPMPO-Electron Spin Resonance Spectra in In Vitro Radical Generating Systems. Journal of Veterinary Medical Science, 2010, 72, 1547-1550.	0.3	9
42	Omentin, a novel adipokine, induces vasodilation in rat isolated blood vessels. Biochemical and Biophysical Research Communications, 2010, 393, 668-672.	1.0	220
43	Methylglyoxal Inhibits Smooth Muscle Contraction in Isolated Blood Vessels. Journal of Pharmacological Sciences, 2009, 109, 305-310.	1.1	38
44	Telmisartan inhibits methylglyoxal-mediated cell death in human vascular endothelium. Biochemical and Biophysical Research Communications, 2008, 373, 253-257.	1.0	27
45	Mechanisms Underlying Pioglitazone-Mediated Relaxation in Isolated Blood Vessel. Journal of Pharmacological Sciences, 2008, 108, 258-265.	1.1	30