

Muneyoshi Okada

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

1,525
citations

331670

21
h-index

361022

35
g-index

85
all docs

85
docs citations

85
times ranked

1960
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiovascular Characteristics of Zucker Fatty Diabetes Mellitus Rats, an Animal Model for Obesity and Type 2 Diabetes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4228.	4.1	1
2	Preventive Effect of Canstatin against Ventricular Arrhythmia Induced by Ischemia/Reperfusion Injury: A Pilot Study. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1004.	4.1	8
3	The alteration of molecular properties in plasma extracellular vesicles from spontaneously hypertensive rats. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2021, 94, 2-Y-E3-2.	0.0	0
4	A single injection of periostin decreases cardiac voltage-gated Na ⁺ channel in rat ventricles. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 997-1003.	0.9	1
5	Age-dependent increase in activity of eukaryotic elongation factor 2 kinase in mesenteric arteries from spontaneously hypertensive rats. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 42-47.	0.9	1
6	Chemerin-9 stimulates migration in rat cardiac fibroblasts in vitro. <i>European Journal of Pharmacology</i> , 2021, 912, 174566.	3.5	6
7	Chemokine-like Receptor 1 in Brain of Spontaneously Hypertensive Rats Mediates Systemic Hypertension. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11812.	4.1	6
8	Eukaryotic elongation factor 2 kinase inhibitor, A484954 induces diuretic effect via renal vasorelaxation in spontaneously hypertensive rats. <i>European Journal of Pharmacology</i> , 2021, 913, 174637.	3.5	5
9	Small extracellular vesicles from rat plasma promote migration and proliferation of vascular smooth muscle cells. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 299-306.	0.9	10
10	Canstatin suppresses isoproterenol-induced cardiac hypertrophy through inhibition of calcineurin/nuclear factor of activated T-cells pathway in rats. <i>European Journal of Pharmacology</i> , 2020, 871, 172849.	3.5	15
11	Eukaryotic elongation factor 2 kinase inhibitor, A484954 lowered blood pressure in spontaneously hypertensive rats via inducing vasorelaxation. <i>Journal of Pharmacological Sciences</i> , 2020, 144, 165-171.	2.5	5
12	Long-term administration of recombinant canstatin prevents adverse cardiac remodeling after myocardial infarction. <i>Scientific Reports</i> , 2020, 10, 12881.	3.3	6
13	Decreased Expression of Canstatin in Rat Model of Monocrotaline-Induced Pulmonary Arterial Hypertension: Protective Effect of Canstatin on Right Ventricular Remodeling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6797.	4.1	4
14	Plasma small extracellular vesicles in hypertensive rats impair reactivity of isolated blood vessels. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 897-902.	0.9	2
15	Acute intracerebroventricular injection of chemerin-9 increases systemic blood pressure through activating sympathetic nerves via CMKLR1 in brain. <i>Pflügers Archiv European Journal of Physiology</i> , 2020, 472, 673-681.	2.8	9
16	Chemerin-9-induced contraction was enhanced through the upregulation of smooth muscle chemokine-like receptor 1 in isolated pulmonary artery of pulmonary arterial hypertensive rats. <i>Pflügers Archiv European Journal of Physiology</i> , 2020, 472, 335-342.	2.8	16
17	Thrombospondin-4 induces prolongation of action potential duration in rat isolated ventricular myocytes. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 707-712.	0.9	3
18	Eukaryotic elongation factor 2 kinase inhibitor, A484954 potentiates β^2 -adrenergic receptor agonist-induced acute decrease in diastolic blood pressure in rats. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 1509-1514.	0.9	5

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19	Optimal Isolation Method of Small Extracellular Vesicles from Rat Plasma. International Journal of Molecular Sciences, 2019, 20, 4780.	4.1	10
20	Eukaryotic elongation factor 2 kinase inhibitor, A484954 inhibits noradrenaline-induced acute increase of blood pressure in rats. Journal of Veterinary Medical Science, 2019, 81, 35-41.	0.9	7
21	Protective effect of T3 peptide, an active fragment of tumstatin, against ischemia/reperfusion injury in rat heart. Journal of Pharmacological Sciences, 2019, 139, 193-200.	2.5	10
22	Cathepsin S degrades arretsen and canstatin in infarcted area after myocardial infarction in rats. Journal of Veterinary Medical Science, 2019, 81, 522-531.	0.9	17
23	Eukaryotic elongation factor 2 (eEF2) kinase/eEF2 plays protective roles against glucose deprivation-induced cell death in H9c2 cardiomyoblasts. Apoptosis: an International Journal on Programmed Cell Death, 2019, 24, 359-368.	4.9	8
24	Periostin Mediates Right Ventricular Failure through Induction of Inducible Nitric Oxide Synthase Expression in Right Ventricular Fibroblasts from Monocrotaline-Induced Pulmonary Arterial Hypertensive Rats. International Journal of Molecular Sciences, 2019, 20, 62.	4.1	12
25	A current perspective of canstatin, a fragment of type IV collagen alpha 2 chain. Journal of Pharmacological Sciences, 2019, 139, 59-64.	2.5	36
26	Canstatin modulates L-type calcium channel activity in rat ventricular cardiomyocytes. Biochemical and Biophysical Research Communications, 2018, 499, 954-959.	2.1	18
27	Mechanisms underlying the relaxation by A484954, a eukaryotic elongation factor 2 kinase inhibitor, in rat isolated mesenteric artery. Journal of Pharmacological Sciences, 2018, 137, 86-92.	2.5	12
28	Characterization of fibroblasts from hypertrophied right ventricle of pulmonary hypertensive rats. Pflügers Archiv European Journal of Physiology, 2018, 470, 1405-1417.	2.8	8
29	Plasma exosomes regulate systemic blood pressure in rats. Biochemical and Biophysical Research Communications, 2018, 503, 776-783.	2.1	36
30	Endostatin Stimulates Proliferation and Migration of Myofibroblasts Isolated from Myocardial Infarction Model Rats. International Journal of Molecular Sciences, 2018, 19, 741.	4.1	21
31	Analysis of expression profile of brain-derived neurotrophic factor and its receptors in central nervous system in spontaneously hypertensive rats. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR1-1.	0.0	0
32	The effects of acute intracerebroventricular injection of chemerin-9 on systemic blood pressure in rats. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR1-2.	0.0	0
33	Elucidation of the role of canstatin, a proteolytic fragment of extracellular matrix, in cardiac diseases. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, AL2-2.	0.0	0
34	Regulatory mechanisms for expression of matricryptins after myocardial infarction in rats. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-2-75.	0.0	0
35	Chemerin-9-induced contraction of isolated pulmonary artery is enhanced in monocrotaline-induced pulmonary hypertensive rat. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-3-33.	0.0	0
36	T3 peptide, a fragment of tumstatin, prevents the ischemia-reperfusion injury in cardiomyocytes. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-2-65.	0.0	0

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37	Effects of canstatin on L-type Ca ²⁺ channel activity in rat ventricular cardiomyocytes. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-2-9.	0.0	0
38	Vasculo-protective effect of BMS-309403 is independent of its specific inhibition of fatty acid-binding protein 4. Pflugers Archiv European Journal of Physiology, 2017, 469, 1177-1188.	2.8	9
39	Pathophysiological roles of canstatin on myofibroblasts after myocardial infarction in rats. European Journal of Pharmacology, 2017, 807, 32-43.	3.5	19
40	T3 peptide, an active fragment of tumstatin, inhibits H ₂ O ₂ -induced apoptosis in H9c2 cardiomyoblasts. European Journal of Pharmacology, 2017, 807, 64-70.	3.5	18
41	Canstatin stimulates migration of rat cardiac fibroblasts via secretion of matrix metalloproteinase-2. American Journal of Physiology - Cell Physiology, 2017, 312, C199-C208.	4.6	20
42	T3 peptide, a fragment of tumstatin, stimulates proliferation and migration of cardiac fibroblasts through activation of Akt signaling pathway. Naunyn-Schmiedeberg's Archives of Pharmacology, 2017, 390, 1135-1144.	3.0	21
43	Visceral adipose tissue-derived serine protease inhibitor prevents the development of monocrotaline-induced pulmonary arterial hypertension in rats. Pflugers Archiv European Journal of Physiology, 2017, 469, 1425-1432.	2.8	14
44	New Insights into the Role of Basement Membrane-Derived Matricryptins in the Heart. Biological and Pharmaceutical Bulletin, 2017, 40, 2050-2060.	1.4	12
45	Diverse distribution of tyrosine receptor kinase B isoforms in rat multiple tissues. Journal of Veterinary Medical Science, 2017, 79, 1516-1523.	0.9	14
46	Expression profile of matricellular proteins in hypertrophied right ventricle of monocrotaline-induced pulmonary hypertensive rats. Journal of Veterinary Medical Science, 2017, 79, 1096-1102.	0.9	17
47	Canstatin inhibits hypoxia-induced apoptosis through activation of integrin/focal adhesion kinase/Akt signaling pathway in H9c2 cardiomyoblasts. PLoS ONE, 2017, 12, e0173051.	2.5	43
48	Aberrant gene expression of heparanase in ventricular hypertrophy induced by monocrotaline in rats. Journal of Veterinary Medical Science, 2016, 78, 499-503.	0.9	2
49	Endostatin is protective against monocrotaline-induced right heart disease through the inhibition of T-type Ca ²⁺ channel. Pflugers Archiv European Journal of Physiology, 2016, 468, 1259-1270.	2.8	16
50	Coordination of changes in expression and phosphorylation of eukaryotic elongation factor 2 (eEF2) and eEF2 kinase in hypertrophied cardiomyocytes. Biochemistry and Biophysics Reports, 2016, 7, 218-224.	1.3	10
51	Canstatin inhibits isoproterenol-induced apoptosis through preserving mitochondrial morphology in differentiated H9c2 cardiomyoblasts. Apoptosis: an International Journal on Programmed Cell Death, 2016, 21, 887-895.	4.9	25
52	Expression and localization of calmodulin-related proteins in brain, heart and kidney from spontaneously hypertensive rats. Biochemical and Biophysical Research Communications, 2016, 469, 654-658.	2.1	5
53	Endostatin inhibits T-type Ca ²⁺ channel current in guinea pig ventricular myocyte. Journal of Veterinary Medical Science, 2015, 77, 1289-1291.	0.9	5
54	Eukaryotic elongation factor 2 kinase mediates monocrotaline-induced pulmonary arterial hypertension via reactive oxygen species-dependent vascular remodeling. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H1298-H1305.	3.2	35

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55	Endostatin stimulates proliferation and migration of adult rat cardiac fibroblasts through PI3K/Akt pathway. <i>European Journal of Pharmacology</i> , 2015, 750, 20-26.	3.5	38
56	Adipocytokine, omentin inhibits doxorubicin-induced H9c2 cardiomyoblasts apoptosis through the inhibition of mitochondrial reactive oxygen species. <i>Biochemical and Biophysical Research Communications</i> , 2015, 457, 602-607.	2.1	38
57	Expression pattern and function of tyrosine receptor kinase B isoforms in rat mesenteric arterial smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 683-689.	2.1	9
58	Chemerin promotes the proliferation and migration of vascular smooth muscle and increases mouse blood pressure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1017-H1028.	3.2	64
59	Levosimendan inhibits interleukin-1 β -induced apoptosis through activation of Akt and inhibition of inducible nitric oxide synthase in rat cardiac fibroblasts. <i>European Journal of Pharmacology</i> , 2015, 769, 86-92.	3.5	20
60	Death-associated protein kinase 3 mediates vascular structural remodelling via stimulating smooth muscle cell proliferation and migration. <i>Clinical Science</i> , 2014, 127, 539-548.	4.3	18
61	A novel adipocytokine, omentin, inhibits platelet-derived growth factor-BB-induced vascular smooth muscle cell migration through antioxidative mechanism. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H1714-H1719.	3.2	41
62	Histone Deacetylase 4 Controls Neointimal Hyperplasia via Stimulating Proliferation and Migration of Vascular Smooth Muscle Cells. <i>Hypertension</i> , 2014, 63, 397-403.	2.7	70
63	A novel adipocytokine, omentin, inhibits monocrotaline-induced pulmonary arterial hypertension in rats. <i>Biochemical and Biophysical Research Communications</i> , 2014, 452, 142-146.	2.1	35
64	Addition of adult serum improves endothelium-dependent relaxation of organ-cultured rat mesenteric artery via inhibiting mitochondrial reactive oxygen species. <i>Vascular Pharmacology</i> , 2013, 58, 105-111.	2.1	6
65	Levosimendan inhibits interleukin-1 β -induced cell migration and MMP-9 secretion in rat cardiac fibroblasts. <i>European Journal of Pharmacology</i> , 2013, 718, 332-339.	3.5	18
66	Negative Inotropic Effect of Carbachol and Interaction between Acetylcholine Receptor-Operated Potassium Channel (K.ACh Channel) and GTP Binding Protein in Mouse Isolated Atrium – A Novel Methodological Trial. <i>Journal of Veterinary Medical Science</i> , 2013, 75, 377-380.	0.9	4
67	A Novel Adipocytokine, Omentin, Inhibits Agonists-Induced Increases of Blood Pressure in Rats. <i>Journal of Veterinary Medical Science</i> , 2013, 75, 1029-1034.	0.9	30
68	Inhibitory Effects of Psychotropic Drugs on the Acetylcholine Receptor-Operated Potassium Current (I _{K.ACh}) in Guinea-Pig Atrial Myocytes. <i>Journal of Veterinary Medical Science</i> , 2013, 75, 743-747.	0.9	3
69	Prostaglandin E ₂ Promotes Wound-Induced Migration of Intestinal Subepithelial Myofibroblasts via EP2, EP3, and EP4 Prostanoid Receptor Activation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 340, 604-611.	2.5	35
70	Benzodiazepines Inhibit the Acetylcholine Receptor-Operated Potassium Current (I _{K.ACh}) by Different Mechanisms in Guinea-pig Atrial Myocytes. <i>Journal of Veterinary Medical Science</i> , 2012, 74, 879-884.	0.9	7
71	Death-Associated Protein Kinase 3 Mediates Vascular Inflammation and Development of Hypertension in Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2012, 60, 1031-1039.	2.7	60
72	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.	2.1	67

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73	A novel adipocytokine, vaspin inhibits platelet-derived growth factor-BB-induced migration of vascular smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2012, 423, 844-849.	2.1	48
74	Long-term methylglyoxal treatment impairs smooth muscle contractility in organ-cultured rat mesenteric artery. <i>Pharmacological Research</i> , 2012, 65, 91-99.	7.1	19
75	Mechanisms underlying impairment of endothelium-dependent relaxation by fetal bovine serum in organ-cultured rat mesenteric artery. <i>European Journal of Pharmacology</i> , 2011, 668, 401-406.	3.5	17
76	Angiotensin 11 Enhances Interleukin-1.BETA.-Induced MMP-9 Secretion in Adult Rat Cardiac Fibroblasts. <i>Journal of Veterinary Medical Science</i> , 2010, 72, 735-739.	0.9	16
77	Effects of Captopril and Telmisartan on Matrix Metalloproteinase-2 and -9 Expressions and Development of Left Ventricular Fibrosis Induced by Isoprenaline in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 1517-1521.	1.4	22
78	Effects of Telmisartan on Right Ventricular Remodeling Induced by Monocrotaline in Rats. <i>Journal of Pharmacological Sciences</i> , 2009, 111, 193-200.	2.5	60
79	Carbachol Induces Ca ²⁺ -Dependent Contraction via Muscarinic M2 and M3 Receptors in Rat Intestinal Subepithelial Myofibroblasts. <i>Journal of Pharmacological Sciences</i> , 2009, 110, 306-314.	2.5	9
80	Methylglyoxal mediates vascular inflammation via JNK and p38 in human endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 295, C1510-C1517.	4.6	86
81	Captopril Attenuates Matrix Metalloproteinase-2 and -9 in Monocrotaline-Induced Right Ventricular Hypertrophy in Rats. <i>Journal of Pharmacological Sciences</i> , 2008, 108, 487-494.	2.5	45
82	Enhanced gene expression of myocardial matrix metalloproteinases 2 and 9 after acute treatment with doxorubicin in mice. <i>Pharmacological Research</i> , 2006, 53, 341-346.	7.1	43
83	Induction of Heparanase Gene Expression in Ventricular Myocardium of Rats with Isoproterenol-Induced Cardiac Hypertrophy. <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 2331-2334.	1.4	13