

Takashi Miyauchi

List of Publications by Year in descending order

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143
papers

7,377
citations

50276

46
h-index

56724

83
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147
all docs

147
docs citations

147
times ranked

5523
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of myocardial endothelin pathway improves long-term survival in heart failure. <i>Nature</i> , 1996, 384, 353-355.	27.8	623
2	INCREASED PLASMA CONCENTRATIONS OF ENDOTHELIN-1 AND BIG ENDOTHELIN-1 IN ACUTE MYOCARDIAL INFARCTION. <i>Lancet, The</i> , 1989, 334, 53-54.	13.7	508
3	PATHOPHYSIOLOGY OF ENDOTHELIN IN THE CARDIOVASCULAR SYSTEM. <i>Annual Review of Physiology</i> , 1999, 61, 391-415.	13.1	504
4	Endogenous Endothelin-1 Participates in the Maintenance of Cardiac Function in Rats With Congestive Heart Failure. <i>Circulation</i> , 1996, 93, 1214-1222.	1.6	244
5	Effects of endothelin on the renal artery from spontaneously hypertensive and Wistar Kyoto rats. <i>European Journal of Pharmacology</i> , 1988, 152, 373-374.	3.5	233
6	Effects of exercise training of 8 weeks and detraining on plasma levels of endothelium-derived factors, endothelin-1 and nitric oxide, in healthy young humans. <i>Life Sciences</i> , 2001, 69, 1005-1016.	4.3	222
7	Aerobic exercise training reduces plasma endothelin-1 concentration in older women. <i>Journal of Applied Physiology</i> , 2003, 95, 336-341.	2.5	166
8	Ageing-induced decrease in the PPAR- γ level in hearts is improved by exercise training. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 283, H1750-H1760.	3.2	159
9	Myocardial fibrosis and diastolic dysfunction in deoxycorticosterone acetate-salt hypertensive rats is ameliorated by the peroxisome proliferator-activated receptor-alpha activator fenofibrate, partly by suppressing inflammatory responses associated with the nuclear factor-kappa-b pathway. <i>Journal of the American College of Cardiology</i> , 2004, 43, 1481-1488.	2.8	158
10	Doxorubicin Induces Apoptosis by Activation of Caspase-3 in Cultured Cardiomyocytes In Vitro and Rat Cardiac Ventricles In Vivo. <i>Journal of Pharmacological Sciences</i> , 2006, 101, 151-158.	2.5	151
11	Age- and sex-related variation of plasma endothelin-1 concentration in normal and hypertensive subjects. <i>American Heart Journal</i> , 1992, 123, 1092-1093.	2.7	143
12	Moderate Regular Exercise Increases Basal Production of Nitric Oxide in Elderly Women. <i>Hypertension Research</i> , 2004, 27, 947-953.	2.7	142
13	Endothelin-1-Induced Cardiac Hypertrophy Is Inhibited by Activation of Peroxisome Proliferator-Activated Receptor- γ Partly Via Blockade of c-Jun NH ₂ -Terminal Kinase Pathway. <i>Circulation</i> , 2004, 109, 904-910.	1.6	112
14	Physiological and pathological cardiac hypertrophy induce different molecular phenotypes in the rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 281, R2029-R2036.	1.8	111
15	Elimination of Intravenously Injected Endothelin-1 from the Circulation of the Rat. <i>Journal of Cardiovascular Pharmacology</i> , 1989, 13, S98-101.	1.9	107
16	Increased production of endothelin-1 in the hypertrophied rat heart due to pressure overload. <i>FEBS Letters</i> , 1993, 332, 31-34.	2.8	104
17	Vascular endothelium-derived factors and arterial stiffness in strength- and endurance-trained men. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H786-H791.	3.2	103
18	Plasma concentrations of endothelin-1 in spontaneously hypertensive rats and DOCA-salt hypertensive rats. <i>Biochemical and Biophysical Research Communications</i> , 1990, 167, 941-947.	2.1	101

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19	Stimulation of peroxisome-proliferator-activated receptor $\hat{\pm}$ (PPAR $\hat{\pm}$) attenuates cardiac fibrosis and endothelin-1 production in pressure-overloaded rat hearts. <i>Clinical Science</i> , 2002, 103, 284S-288S.	4.3	101
20	Role of Endothelin in Deterioration of Heart Failure Due to Cardiomyopathy in Hamsters. <i>Circulation</i> , 1999, 99, 2171-2176.	1.6	98
21	Pulmonary hypertension caused by congestive heart failure is ameliorated by long-term application of an endothelin receptor antagonist Increased expression of endothelin-1 messenger ribonucleic acid and endothelin-1-like immunoreactivity in the lung in congestive heart failure in rats. <i>Journal of the American College of Cardiology</i> , 1996, 28, 1580-1588.	2.8	96
22	Abnormal Heart Development and Lung Remodeling in Mice Lacking the Hypoxia-Inducible Factor-Related Basic Helix-Loop-Helix PAS Protein NEPAS. <i>Molecular and Cellular Biology</i> , 2008, 28, 1285-1297.	2.3	93
23	Vascular Endothelin-B Receptor System In Vivo Plays a Favorable Inhibitory Role in Vascular Remodeling After Injury Revealed by Endothelin-B Receptor "Knockout Mice. <i>Circulation</i> , 2002, 106, 1991-1998.	1.6	84
24	Endothelin and endothelin receptors in the renal and cardiovascular systems. <i>Life Sciences</i> , 2012, 91, 490-500.	4.3	83
25	Elevated levels of plasma endothelin-1 in young patients with pulmonary hypertension caused by congenital heart disease are decreased after successful surgical repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1995, 110, 271-273.	0.8	82
26	Necessity of dual blockade of endothelin ET _A and ET _B receptor subtypes for antagonism of endothelin-induced contraction in human bronchi. <i>British Journal of Pharmacology</i> , 1996, 117, 995-999.	5.4	76
27	Novel Molecular Mechanism of Increased Myocardial Endothelin-1 Expression in the Failing Heart Involving the Transcriptional Factor Hypoxia-Inducible Factor-1 $\hat{\pm}$ Induced for Impaired Myocardial Energy Metabolism. <i>Circulation</i> , 2001, 103, 2387-2394.	1.6	76
28	Expression of steroidogenic enzymes and synthesis of sex steroid hormones from DHEA in skeletal muscle of rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E577-E584.	3.5	76
29	Reduction in $\hat{\pm}$ -adrenergic receptor-mediated vascular tone contributes to improved arterial compliance with endurance training. <i>International Journal of Cardiology</i> , 2009, 135, 346-352.	1.7	67
30	Cardiac Hypertrophy by Hypertension and Exercise Training Exhibits Different Gene Expression of Enzymes in Energy Metabolism. <i>Hypertension Research</i> , 2003, 26, 829-837.	2.7	66
31	Does endothelin-1 participate in the exercise-induced changes of blood flow distribution of muscles in humans?. <i>Journal of Applied Physiology</i> , 1997, 82, 1107-1111.	2.5	64
32	Long-Term Endothelin Receptor Antagonist Administration Improves Alterations in Expression of Various Cardiac Genes in Failing Myocardium of Rats With Heart Failure. <i>Circulation</i> , 2000, 101, 2849-2853.	1.6	64
33	Sex differences in steroidogenesis in skeletal muscle following a single bout of exercise in rats. <i>Journal of Applied Physiology</i> , 2008, 104, 67-74.	2.5	59
34	Relationship Between Arterial Stiffness and Athletic Training Programs in Young Adult Men. <i>American Journal of Hypertension</i> , 2007, 20, 967-973.	2.0	58
35	Immunoreactive Endothelin-1 in Plasma Detected by a Sandwich-Type Enzyme Immunoassay. <i>Journal of Cardiovascular Pharmacology</i> , 1989, 13, S151-152.	1.9	56
36	Exercise training improves cardiac function-related gene levels through thyroid hormone receptor signaling in aged rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 286, H1696-H1705.	3.2	56

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37	Aortic Stiffness and Aerobic Exercise: Mechanistic Insight from Microarray Analyses. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 1710-1716.	0.4	56
38	Peroxisome proliferator-activated receptor- β activators inhibit endothelin-1-related cardiac hypertrophy in rats. <i>Clinical Science</i> , 2002, 103, 16S-20S.	4.3	55
39	Activation pattern of MAPK signaling in the hearts of trained and untrained rats following a single bout of exercise. <i>Journal of Applied Physiology</i> , 2006, 101, 151-163.	2.5	55
40	Polymorphism in Endothelin-Related Genes Limits Exercise-Induced Decreases in Arterial Stiffness in Older Subjects. <i>Hypertension</i> , 2006, 47, 928-936.	2.7	54
41	A new model of transient complete obstruction of retinal vessels induced by endothelin-1 injection into the posterior vitreous body in rabbits. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1993, 231, 476-481.	1.9	53
42	Effect of Systemic Nitric Oxide Synthase Inhibition on Arterial Stiffness in Humans. <i>Hypertension Research</i> , 2007, 30, 411-415.	2.7	52
43	Expression of endothelin-1, ETA and ETB receptors, and ECE and distribution of endothelin-1 in failing rat heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999, 276, H1197-H1206.	3.2	51
44	Endothelin-1 and endothelin-3 play different roles in acute and chronic alterations of blood pressure in patients with chronic hemodialysis. <i>Biochemical and Biophysical Research Communications</i> , 1991, 178, 276-281.	2.1	50
45	Time-dependent expression of renal vaso-regulatory molecules in LPS-induced endotoxemia in rat. <i>Peptides</i> , 2006, 27, 2258-2270.	2.4	49
46	Eicosapentaenoic acid prevents endothelin-1-induced cardiomyocyte hypertrophy in vitro through the suppression of TGF- β 1 and phosphorylated JNK. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 291, H835-H845.	3.2	49
47	DOWN-REGULATION OF ET β RECEPTOR, BUT NOT ET α RECEPTOR, IN CONGESTIVE LUNG SECONDARY TO HEART FAILURE. ARE MARKED INCREASES IN CIRCULATING ENDOTHELIN-1 PARTLY ATTRIBUTABLE TO DECREASES IN LUNG ET β RECEPTOR-MEDIATED CLEARANCE OF ENDOTHELIN-1?. <i>Life Sciences</i> , 1997, 62, 185-193.	4.3	47
48	Endothelin antagonism normalizes VEGF signaling and cardiac function in STZ-induced diabetic rat hearts. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E1030-E1040.	3.5	47
49	Endothelin-3 concentrations in human plasma: The increased concentrations in patients undergoing haemodialysis. <i>Biochemical and Biophysical Research Communications</i> , 1990, 169, 809-815.	2.1	46
50	Systemic β -adrenergic and nitric oxide inhibition on basal limb blood flow: effects of endurance training in middle-aged and older adults. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H1466-H1472.	3.2	45
51	Corresponding distributions of increased endothelin β receptor expression and increased endothelin α 1 expression in the aorta of apolipoprotein E-deficient mice with advanced atherosclerosis. <i>Pathology International</i> , 2000, 50, 929-936.	1.3	44
52	Involvement of Endogenous Endothelin-1 in Exercise-Induced Redistribution of Tissue Blood Flow. <i>Circulation</i> , 2002, 106, 2188-2193.	1.6	44
53	A sandwich-type enzyme immunoassay to detect immunoreactive big-endothelin-1 in plasma. <i>Journal of Immunological Methods</i> , 1990, 127, 165-170.	1.4	43
54	Contributory role of VEGF overexpression in endothelin-1-induced cardiomyocyte hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H474-H481.	3.2	43

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55	Pathophysiological Roles of Endothelin-1 in Dahl Salt-Sensitive Hypertension. <i>Hypertension</i> , 1999, 34, 514-519.	2.7	41
56	Exercise causes a tissue-specific change of NO production in the kidney and lung. <i>Journal of Applied Physiology</i> , 2003, 94, 60-68.	2.5	40
57	Effects of Capsaicin on Nonadrenergic Noncholinergic Nerves in the Guinea Pig Atria. <i>Journal of Cardiovascular Pharmacology</i> , 1987, 10, 675-682.	1.9	39
58	Endothelin and the heart in health and diseases. <i>Peptides</i> , 2019, 111, 77-88.	2.4	39
59	Systemic arterial compliance, systemic vascular resistance, and effective arterial elastance during exercise in endurance-trained men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R228-R235.	1.8	38
60	Intense exercise causes decrease in expression of both endothelial NO synthase and tissue NOx level in hearts. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 279, R951-R959.	1.8	37
61	Heart failure and endothelin receptor antagonists. <i>Trends in Pharmacological Sciences</i> , 1999, 20, 210-217.	8.7	36
62	Exercise causes tissue-specific enhancement of endothelin-1 mRNA expression in internal organs. <i>Journal of Applied Physiology</i> , 1998, 85, 425-431.	2.5	32
63	Resistance Exercise Training Reduces Plasma Endothelin-1 Concentration in Healthy Young Humans. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 44, S443-S446.	1.9	32
64	Activation of Peroxisome Proliferator-activated Receptor-?? Decreases Endothelin-1-induced p38 Mitogen-activated Protein Kinase Activation in Cardiomyocytes. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 44, S358-S361.	1.9	29
65	Prolonged exercise causes an increase in endothelin-1 production in the heart in rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 275, H2105-H2112.	3.2	27
66	A combination of oral endothelin-receptor antagonist and oral prostacyclinanalogue is superior to each drug alone in ameliorating pulmonary hypertension in rats. <i>Journal of the American College of Cardiology</i> , 2002, 40, 175-181.	2.8	27
67	Endothelin-1 mediates regional blood flow during and after pulmonary operations. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1992, 104, 1696-1701.	0.8	26
68	An Endothelin Type A Receptor Antagonist Reverses Upregulated VEGF and ICAM-1 Levels in Streptozotocin-Induced Diabetic Rat Retina. <i>Current Eye Research</i> , 2006, 31, 79-89.	1.5	26
69	Calcitonin gene-related peptide protects the myocardium from ischemia induced by endothelin-1: Intravital microscopic observation and ³¹ P-MR spectroscopic studies. <i>Life Sciences</i> , 2014, 118, 248-254.	4.3	25
70	Mitochondrial Dysfunction Increases Expression of Endothelin-1 and Induces Apoptosis Through Caspase-3 Activation in Rat Cardiomyocytes In Vitro. <i>Journal of Cardiovascular Pharmacology</i> , 2000, 36, S205-S208.	1.9	24
71	Differences in the change in the time course of plasma endothelin-1 and endothelin-3 levels after exercise in humans. The response to exercise of endothelin-3 is more rapid than that of endothelin-1. <i>Life Sciences</i> , 1997, 61, 419-425.	4.3	23
72	Endothelin receptor antagonist reverses decreased NO system in the kidney in vivo during exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 286, E609-E614.	3.5	23

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73	Vasoconstrictor effects of endothelin-1 on myocardium microcirculation studied by the langendorff perfusion method: Differential sensitivities among microvessels. <i>Microvascular Research</i> , 1992, 43, 205-217.	2.5	22
74	A novel pharmacological action of ET-1 to prevent the cytotoxicity of doxorubicin in cardiomyocytes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 280, R1399-R1406.	1.8	22
75	Influence of Pulmonary Blood Pressure and Flow on Endothelin-1 Production in Humans. <i>Journal of Cardiovascular Pharmacology</i> , 1995, 26, S429-433.	1.9	21
76	Enhancement of glycolysis in cardiomyocytes elevates endothelin-1 expression through the transcriptional factor hypoxia-inducible factor-1 β . <i>Clinical Science</i> , 2002, 103, 210S-214S.	4.3	21
77	The benefit of medium-chain triglyceride therapy on the cardiac function of SHR is associated with a reversal of metabolic and signaling alterations. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H136-H144.	3.2	21
78	Plasma endothelin-1 concentrations in the coronary sinus in dogs with artificially induced myocardial infarction. <i>Peptides</i> , 1992, 13, 1013-1015.	2.4	20
79	Endothelin-1 Production Is Enhanced by Rotenone, a Mitochondrial Complex I Inhibitor, in Cultured Rat Cardiomyocytes. <i>Journal of Cardiovascular Pharmacology</i> , 2001, 38, 850-858.	1.9	20
80	Effects of exercise training on expression of endothelin-1 mRNA in the aorta of aged rats. <i>Clinical Science</i> , 2002, 103, 118S-123S.	4.3	20
81	The Peroxisome Proliferator-activated Receptor α Activator Fenofibrate Inhibits Endothelin-1-induced Cardiac Fibroblast Proliferation. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 44, S279-S282.	1.9	20
82	Analysis of vasocontractile responses to endothelin-1 in rabbit retinal vessels using an ETA receptor antagonist and an ETB receptor agonist. <i>Life Sciences</i> , 1993, 53, PL111-PL115.	4.3	18
83	Increased plasma concentration of endothelin-1 in cholesterol-fed rats. <i>Atherosclerosis</i> , 1992, 93, 257-259.	0.8	17
84	Mitochondrial Dysfunction of Cardiomyocytes Causing Impairment of Cellular Energy Metabolism Induces Apoptosis, and Concomitant Increase in Cardiac Endothelin-1 Expression. <i>Journal of Cardiovascular Pharmacology</i> , 2000, 36, S201-S204.	1.9	17
85	Blockade of Endothelin Receptors Reduces Diet-Induced Hypercholesterolemia and Atherosclerosis in Apolipoprotein E-Deficient Mice. <i>Pathobiology</i> , 2001, 69, 1-10.	3.8	17
86	Endothelin-1 Expression in Hearts of Transgenic Hypertensive Mice Overexpressing Angiotensin II. <i>Journal of Cardiovascular Pharmacology</i> , 1998, 31, S412-S416.	1.9	17
87	Chronic Administration of an Endothelin-A Receptor Antagonist Improves Exercise Capacity in Rats with Myocardial Infarction-induced Congestive Heart Failure. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 44, S64-S67.	1.9	16
88	Higher circulatory level of endothelin-1 in hypertensive subjects screened through a cross-sectional study of rural Bangladeshi women. <i>Hypertension Research</i> , 2015, 38, 208-212.	2.7	16
89	Endothelin-Converting Enzyme and Angiotensin-Converting Enzyme in Failing Hearts of Rats with Myocardial Infarction. <i>Journal of Cardiovascular Pharmacology</i> , 1998, 31, S417-S420.	1.9	16
90	Calcitonin Gene-Related Peptide in the Regulation of Cardiac Function. <i>Annals of the New York Academy of Sciences</i> , 1992, 657, 194-203.	3.8	15

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91	Age-Related Reduction of Systemic Arterial Compliance Induces Excessive Myocardial Oxygen Consumption during Sub-Maximal Exercise. <i>Hypertension Research</i> , 2006, 29, 65-73.	2.7	15
92	Altered Expression of Isoforms of Myosin Heavy Chain mRNA in the Failing Rat Heart Is Ameliorated by Chronic Treatment with an Endothelin Receptor Antagonist. <i>Journal of Cardiovascular Pharmacology</i> , 1998, 31, S302-S305.	1.9	15
93	Mechanism of rat uterine smooth muscle contraction induced by endothelin-1. <i>British Journal of Pharmacology</i> , 1993, 110, 1437-1440.	5.4	14
94	Myocardial expression of endothelin-2 is altered reciprocally to that of endothelin-1 during ischemia of cardiomyocytes in vitro and during heart failure in vivo. <i>Life Sciences</i> , 1999, 65, 1671-1683.	4.3	14
95	Effects of aging and subsequent exercise training on gene expression of endothelin-1 in rat heart. <i>Clinical Science</i> , 2002, 103, 152S-157S.	4.3	14
96	Plasma ADMA concentrations associate with aerobic fitness in postmenopausal women. <i>Life Sciences</i> , 2014, 108, 30-33.	4.3	14
97	Increase in choroidal blood flow in rabbits with endothelin-1 induced transient complete obstruction of retinal vessels. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1995, 233, 425-429.	1.9	13
98	Involvement of peptidyl-prolyl isomerase Pin1 in the inhibitory effect of fluvastatin on endothelin-1-induced cardiomyocyte hypertrophy. <i>Life Sciences</i> , 2014, 102, 98-104.	4.3	13
99	Effects of protease activated receptor (PAR)2 blocking peptide on endothelin-1 levels in kidney tissues in endotoxemic rat mode. <i>Life Sciences</i> , 2014, 102, 127-133.	4.3	13
100	Effects of physiological or pathological pressure load in vivo on myocardial expression of ET-1 and receptors. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 277, R1321-R1330.	1.8	12
101	Down-regulated VEGF expression in the diabetic heart is normalized by an endothelin ETA receptor antagonist. <i>European Journal of Pharmacology</i> , 2006, 542, 184-185.	3.5	12
102	Endothelin-1 stimulates cardiomyocyte injury during mitochondrial dysfunction in culture. <i>European Journal of Pharmacology</i> , 2001, 431, 163-170.	3.5	10
103	Increased plasma levels of big-endothelin-2 and big-endothelin-3 in patients with end-stage renal disease. <i>Life Sciences</i> , 2012, 91, 729-732.	4.3	10
104	Endothelin receptor antagonist exacerbates autoimmune myocarditis in mice. <i>Life Sciences</i> , 2014, 118, 288-296.	4.3	10
105	Effects of selective endothelin (ET)-A receptor antagonist versus dual ET-A/B receptor antagonist on hearts of streptozotocin-treated diabetic rats. <i>Life Sciences</i> , 2014, 111, 6-11.	4.3	10
106	Fish oil constituent eicosapentaenoic acid inhibits endothelin-induced cardiomyocyte hypertrophy via PPAR- α . <i>Life Sciences</i> , 2014, 118, 173-178.	4.3	10
107	Vasoconstriction by endothelin-1 in resistance and conduit portions of isolated human mesenteric arteries. <i>European Journal of Pharmacology</i> , 1996, 303, 193-196.	3.5	9
108	Chronic treatment with probucol effectively inhibits progression of pulmonary hypertension in rats. <i>Life Sciences</i> , 2000, 67, 2017-2023.	4.3	9

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109	Effects of Medium-chain Triglyceride (MCT) Application to SHR on Cardiac Function, Hypertrophy and Expression of Endothelin-1 mRNA and other Genes. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 44, S181-S185.	1.9	9
110	Establishment of Hypoxia Inducible Factor-1?? Overexpressing Cells that Produce Endothelin-1. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 44, S268-S273.	1.9	9
111	Estrogen Receptor-1± Genotype Affects Exercise-Related Reduction of Arterial Stiffness. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 252-257.	0.4	9
112	Effects of piperine on calcitonin gene-related peptide (CGRP)-containing nerves in the isolated rat atria. <i>Neuroscience Letters</i> , 1988, 91, 222-227.	2.1	7
113	Antihypertensive Effects of a Mixed Endothelin-A- and -B-Receptor Antagonist, J-104132, Were Augmented in the Presence of an AT1-Receptor Antagonist, MK-954. <i>Journal of Cardiovascular Pharmacology</i> , 2000, 36, S337-S341.	1.9	7
114	The endothelin receptor antagonist ameliorates the hypertensive phenotypes of transgenic hypertensive mice with renin-angiotensin genes and discloses roles of organ specific activation of endothelin system in transgenic mice. <i>Life Sciences</i> , 2004, 74, 1105-1118.	4.3	7
115	YM598, an Orally Active ETA Receptor Antagonist, Ameliorates the Progression of Cardiopulmonary Changes and Both-side Heart Failure in Rats with Cor Pulmonale and Myocardial Infarction. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 44, S354-S357.	1.9	7
116	Exercise-induced Tissue-specific Change in Gene Expression of Endothelin-1. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 44, S336-S340.	1.9	7
117	Antagonists to endothelin receptor type B promote apoptosis in human pulmonary arterial smooth muscle cells. <i>Life Sciences</i> , 2016, 159, 116-120.	4.3	7
118	Abnormal Neurohumoral Responses to Exercise in Patients with Heart Disease: Inhibition of an Increase in Endothelin-1 Production During Exercise. <i>Journal of Cardiovascular Pharmacology</i> , 1998, 31, S406-S411.	1.9	7
119	Endothelin-1-induced cardiomyocyte hypertrophy is partly regulated by transcription factor II-F interacting C-terminal domain phosphatase of RNA polymerase II. <i>Life Sciences</i> , 2012, 91, 572-577.	4.3	6
120	Clinical value of plasma pentraxin 3 levels for predicting cardiac troponin elevation after percutaneous coronary intervention. <i>Life Sciences</i> , 2014, 95, 40-44.	4.3	6
121	Cloning of Hamster Preproendothelin-1 cDNA and Its Expression in the Heart. <i>Journal of Cardiovascular Pharmacology</i> , 1998, 31, S298-S301.	1.9	6
122	Distribution of endothelin-1 in the lung of rats with pulmonary hypertension of different etiology. <i>International Journal of Angiology</i> , 1998, 7, 160-164.	0.6	5
123	Time Course Alteration of Endothelin-1 Gene Expression in the Heart during Exercise and Recovery from Post-exercise Periods in Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 44, S447-S450.	1.9	5
124	Dual blockade of endothelin action exacerbates up-regulated VEGF angiogenic signaling in the heart of lipopolysaccharide-induced endotoxemic rat model. <i>Life Sciences</i> , 2014, 118, 364-369.	4.3	5
125	Increased plasma level of endothelin-1 following percutaneous balloon dilatation of aortic coarctation in children. <i>European Journal of Pediatrics</i> , 2003, 162, 543-544.	2.7	4
126	Endothelins. , 2013, , 1402-1407.		4

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127	Endothelin-1 in the Heart During Exercise. <i>Journal of Cardiovascular Pharmacology</i> , 1998, 31, S392-S394.	1.9	3
128	Mitochondrial Dysfunction of Cardiomyocytes Causing Impairment of Cellular Energy Metabolism Induces Apoptosis, and Concomitant Increase in Cardiac Endothelin-1 Expression. <i>Journal of Cardiovascular Pharmacology</i> , 2000, 36, S201-S204.	1.9	2
129	Expression of Endothelin Receptors in the Brain of SHR-SP and Effects of an Endothelin Blocker. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 44, S156-S159.	1.9	2
130	EFFECTS OF PROLONGED KENDO PRACTICE IN A HOT ENVIRONMENT ON CARDIOVASCULAR FUNCTION. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 1991, 40, 465-474.	0.0	2
131	Impairment of Cardiac Energy Metabolism In Vivo Causes Hemodynamic Abnormality and Increases Cardiac Expression of Preproendothelin-1 mRNA. <i>Journal of Cardiovascular Pharmacology</i> , 2000, 36, S128-S131.	1.9	1
132	Endothelin-1 and Right-sided Heart Failure in Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2000, 36, S327-S330.	1.9	1
133	Hypotensive Effect of Endothelin-1 via Endothelin-B-Receptor Pathway on Pulmonary Circulation is Enhanced in Rats with Pulmonary Hypertension. <i>Journal of Cardiovascular Pharmacology</i> , 2000, 36, S95-S98.	1.9	1
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