

Hiroe Toba

List of Publications by Year in descending order

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37
papers

852
citations

430442

18
h-index

500791

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1489
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#	ARTICLE	IF	CITATIONS
1	Spironolactone exhibits direct renoprotective effects and inhibits renal renin-angiotensin-aldosterone system in diabetic rats. <i>European Journal of Pharmacology</i> , 2008, 589, 264-271.	1.7	77
2	Calcium Channel Blockades Exhibit Anti-Inflammatory and Antioxidative Effects by Augmentation of Endothelial Nitric Oxide Synthase and the Inhibition of Angiotensin Converting Enzyme in the NG-Nitro-L-Arginine Methyl Ester-Induced Hypertensive Rat Aorta: Vasoprotective Effects beyond the Blood Pressure-Lowering Effects of Amlodipine and Manidipine. <i>Hypertension Research</i> , 2005, 28, 689-700.	1.5	62
3	Cardiac aging is initiated by matrix metalloproteinase-9-mediated endothelial dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H1398-H1407.	1.5	51
4	Transgenic overexpression of macrophage matrix metalloproteinase-9 exacerbates age-related cardiac hypertrophy, vessel rarefaction, inflammation, and fibrosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H375-H383.	1.5	51
5	Chronic treatment with recombinant human erythropoietin exerts renoprotective effects beyond hematopoiesis in streptozotocin-induced diabetic rat. <i>European Journal of Pharmacology</i> , 2009, 612, 106-114.	1.7	46
6	Secreted protein acidic and rich in cysteine facilitates age-related cardiac inflammation and macrophage M1 polarization. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 308, C972-C982.	2.1	46
7	Increased ADAMTS1 mediates SPARC-dependent collagen deposition in the aging myocardium. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E1027-E1035.	1.8	40
8	Age and SPARC Change the Extracellular Matrix Composition of the Left Ventricle. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	39
9	Applications of miRNA Technology for Atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2014, 16, 386.	2.0	37
10	Macrophage overexpression of matrix metalloproteinase-9 in aged mice improves diastolic physiology and cardiac wound healing after myocardial infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H224-H235.	1.5	37
11	The direct antioxidative and anti-inflammatory effects of peroxisome proliferator-activated receptors ligands are associated with the inhibition of angiotensin converting enzyme expression in streptozotocin-induced diabetic rat aorta. <i>European Journal of Pharmacology</i> , 2006, 549, 124-132.	1.7	32
12	Short-Term Caloric Restriction Suppresses Cardiac Oxidative Stress and Hypertrophy Caused by Chronic Pressure Overload. <i>Journal of Cardiac Failure</i> , 2015, 21, 656-666.	0.7	30
13	Channel Blockers Reduce Angiotensin II-Induced Superoxide Generation and Inhibit Lectin-Like Oxidized Low-Density Lipoprotein Receptor-1 Expression in Endothelial Cells. <i>Hypertension Research</i> , 2006, 29, 105-116.	1.5	28
14	L/N-type calcium channel blocker cilnidipine ameliorates proteinuria and inhibits the renal renin-angiotensin-aldosterone system in deoxycorticosterone acetate-salt hypertensive rats. <i>Hypertension Research</i> , 2011, 34, 521-529.	1.5	28
15	Extracellular matrix roles in cardiorenal fibrosis: Potential therapeutic targets for CVD and CKD in the elderly. , 2019, 193, 99-120.		28
16	Erythropoietin attenuated vascular dysfunction and inflammation by inhibiting NADPH oxidase-derived superoxide production in nitric oxide synthase-inhibited hypertensive rat aorta. <i>European Journal of Pharmacology</i> , 2012, 691, 190-197.	1.7	25
17	Erythropoietin prevents vascular inflammation and oxidative stress in subtotal nephrectomized rat aorta beyond haematopoiesis. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010, 37, 1139-1146.	0.9	23
18	Oral histidine exerts antihypertensive effects via central histamine H ₃ receptors and decreases nitric oxide content in the rostral ventrolateral medulla in spontaneously hypertensive rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010, 37, 62-68.	0.9	21

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19	Telmisartan inhibits vascular dysfunction and inflammation via activation of peroxisome proliferator-activated receptor- β in subtotal nephrectomized rat. <i>European Journal of Pharmacology</i> , 2012, 685, 91-98.	1.7	21
20	Transiently proliferating perivascular microglia harbor M1 type and precede cerebrovascular changes in a chronic hypertension model. <i>Journal of Neuroinflammation</i> , 2019, 16, 79.	3.1	21
21	Recombinant human erythropoietin ameliorated endothelial dysfunction and macrophage infiltration by increasing nitric oxide in hypertensive 5/6 nephrectomized rat aorta. <i>European Journal of Pharmacology</i> , 2011, 656, 81-87.	1.7	15
22	Inhibition of the renal renin-angiotensin system and renoprotection by pitavastatin in type 1 diabetes. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010, 37, 1064-1070.	0.9	14
23	Endothelial Dysfunction, Macrophage Infiltration and NADPH Oxidase-Dependent Superoxide Production Were Attenuated by Erythropoietin in Streptozotocin-Induced Diabetic Rat Aorta. <i>Pharmacology</i> , 2013, 91, 48-58.	0.9	13
24	HYPERINSULINAEMIA INCREASES THE GENE EXPRESSION OF ENDOTHELIAL NITRIC OXIDE SYNTHASE AND THE PHOSPHATIDYLINOSITOL 3-KINASE/AKT PATHWAY IN RAT AORTA. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006, 33, 440-447.	0.9	12
25	Telmisartan Protects against Vascular Dysfunction with Peroxisome Proliferator-Activated Receptor- β ; Activation in Hypertensive 5/6 Nephrectomized Rats. <i>Pharmacology</i> , 2013, 92, 265-275.	0.9	10
26	Febuxostat Attenuates the Progression of Periodontitis in Rats. <i>Pharmacology</i> , 2021, 106, 294-304.	0.9	9
27	Pitavastatin suppresses hyperglycaemia-induced podocyte injury via bone morphogenetic protein-7 preservation. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 378-385.	0.9	7
28	Antihypertensive and Renoprotective Effects of Dietary Flaxseed and its Mechanism of Action in Deoxycorticosterone Acetate-Salt Hypertensive Rats. <i>Pharmacology</i> , 2020, 105, 54-62.	0.9	6
29	Sphingolipids and Kidney Disease: Possible Role of Preeclampsia and Intrauterine Growth Restriction (IUGR). <i>Kidney360</i> , 2021, 2, 534-541.	0.9	6
30	Angelica acutiloba Exerts Antihypertensive Effect and Improves Insulin Resistance in Spontaneously Hypertensive Rats Fed with a High-Fat Diet. <i>Pharmacology</i> , 2022, 107, 188-196.	0.9	6
31	Induction of autophagy has protective roles in imatinib-induced cardiotoxicity. <i>Toxicology Reports</i> , 2021, 8, 1087-1097.	1.6	4
32	Secreted protein acidic and rich in cysteine (SPARC) and a disintegrin and metalloproteinase with thrombospondin type 1 motif (ADAMTS1) increments by the renin-angiotensin system induce renal fibrosis in deoxycorticosterone acetate-salt hypertensive rats. <i>European Journal of Pharmacology</i> , 2022, 914, 174681.	1.7	4
33	Comparison of effects of L-type and N-type calcium channel blockers on post-infarct cardiac remodelling in spontaneously hypertensive rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020, 47, 1545-1553.	0.9	2
34	Preconditioning with Short-Term Dietary Restriction Attenuates Cardiac Oxidative Stress and Hypertrophy Induced by Chronic Pressure Overload. <i>Nutrients</i> , 2021, 13, 737.	1.7	1
35	Induction of Autophagy Attenuates Imatinib-induced Cardiotoxicity. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2021, 94, 1-O-D2-2.	0.0	0
36	ADAMTS1 induces renal inflammation and fibrosis via renin-angiotensin system. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-3-19.	0.0	0

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37	Roles of autophagy in angiotensin II-induced cardiac myocyte apoptosis. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2022, 95, 1-O-034.	0.0	0