

Hiroe Toba

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

671
citations

18
h-index

25
g-index

37
ext. papers

765
ext. citations

4.4
avg, IF

3.65
L-index

#	Paper	IF	Citations
37	Spironolactone exhibits direct renoprotective effects and inhibits renal renin-angiotensin-aldosterone system in diabetic rats. <i>European Journal of Pharmacology</i> , 2008 , 589, 264-71	5.3	65
36	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 N(G)-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 , Cardiac aging is initiated by matrix metalloproteinase-9-mediated endothelial dysfunction.	4.7	57
35	<i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 306, H1398-407	5.2	44
34	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	5.2	40
33	Chronic treatment with recombinant human erythropoietin exerts renoprotective effects beyond hematopoiesis in streptozotocin-induced diabetic rat. <i>European Journal of Pharmacology</i> , 2009 , 612, 106-14	5.3	36
32	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, C972-82	5.4	34
31	Age and SPARC change the extracellular matrix composition of the left ventricle. <i>BioMed Research International</i> , 2014 , 2014, 810562	3	33
30	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, 124-32	5.3	30
29	Increased ADAMTS1 mediates SPARC-dependent collagen deposition in the aging myocardium. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E1027-35	6	29
28	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	5.2	27
27	Calcium [corrected] 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, 105-16	4.7	27
26	Applications of miRNA technology for atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2014 , 16, 386	6	26
25	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, 521-9	4.7	24
24	Short-Term Caloric Restriction Suppresses Cardiac Oxidative Stress and Hypertrophy Caused by Chronic Pressure Overload. <i>Journal of Cardiac Failure</i> , 2015 , 21, 656-66	3.3	23
23	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, 190-7	5.3	22
22	Extracellular matrix roles in cardiorenal fibrosis: Potential therapeutic targets for CVD and CKD in the elderly. <i>Pharmacology & Therapeutics</i> , 2019 , 193, 99-120	13.9	20
21	Telmisartan inhibits vascular dysfunction and inflammation via activation of peroxisome proliferator-activated receptor- γ in subtotal nephrectomized rat. <i>European Journal of Pharmacology</i> , 2012 , 685, 91-8	5.3	20

20	Erythropoietin prevents vascular inflammation and oxidative stress in subtotal nephrectomized rat aorta beyond haematopoiesis. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010 , 37, 1139-46 ³		20
19	Oral L-histidine exerts antihypertensive effects via central histamine H3 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, 62-8	3	15
18	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, 81-7	5.3	13
17	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	2.3	12
16	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, 440-7	3	11
15	Transiently proliferating perivascular microglia harbor M1 type and precede cerebrovascular changes in a chronic hypertension model. <i>Journal of Neuroinflammation</i> , 2019 , 16, 79	10.1	10
14	Telmisartan protects against vascular dysfunction with peroxisome proliferator-activated receptor- α activation in hypertensive 5/6 nephrectomized rats. <i>Pharmacology</i> , 2013 , 92, 265-75	2.3	9
13	Inhibition of the renal renin-angiotensin system and renoprotection by pitavastatin in type1 diabetes. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010 , 37, 1064-70	3	9
12	Pitavastatin suppresses hyperglycaemia-induced podocyte injury via bone morphogenetic protein-7 preservation. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017 , 44, 378-385	3	6
11	Angelica acutiloba Exerts Antihypertensive Effect and Improves Insulin Resistance in Spontaneously Hypertensive Rats Fed with a High-Fat Diet.. <i>Pharmacology</i> , 2022 , 1-9	2.3	2
10	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	2.3	2
9	Sphingolipids and Kidney Disease: Possible Role of Preeclampsia and Intrauterine Growth Restriction (IUGR).. <i>Kidney360</i> , 2021 , 2, 534-541	1.8	2
8	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> , 2021 , 914, 174681	5.3	1
7	Preconditioning with Short-term Dietary Restriction Attenuates Cardiac Oxidative Stress and Hypertrophy Induced by Chronic Pressure Overload. <i>Nutrients</i> , 2021 , 13,	6.7	1
6	Febuxostat Attenuates the Progression of Periodontitis in Rats. <i>Pharmacology</i> , 2021 , 106, 294-304	2.3	1
5	Comparison of effects of L/N-type and L-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	3	0
4	Induction of autophagy has protective roles in imatinib-induced cardiotoxicity. <i>Toxicology Reports</i> , 2021 , 8, 1087-1097	4.8	0
3	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	

- 2 Induction of Autophagy Attenuates Imatinib-induced Cardiotoxicity. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2021**, 94, 1-O-D2-2 ○
- 1 Roles of autophagy in angiotensin II-induced cardiac myocyte apoptosis. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2022**, 95, 1-O-034 ○