Hiroe Toba

List of Publications by Year in Descending Order

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	Angelica acutiloba Exerts Antihypertensive Effect and Improves Insulin Resistance in Spontaneously Hypertensive Rats Fed with a High-Fat Diet.. *Pharmacology*, **2022**, 1-9	2.3	2
36	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	
35	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. *European Journal of Pharmacology*, **2021**, 914, 174681	5.3	1
34	Induction of Autophagy Attenuates Imatinib-induced Cardiotoxicity. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2021**, 94, 1-O-D2-2	0	
33	Sphingolipids and Kidney Disease: Possible Role of Preeclampsia and Intrauterine Growth Restriction (IUGR).. *Kidney360*, **2021**, 2, 534-541	1.8	2
32	Induction of autophagy has protective roles in imatinib-induced cardiotoxicity. *Toxicology Reports*, **2021**, 8, 1087-1097	4.8	0
31	Preconditioning with Short-term Dietary Restriction Attenuates Cardiac Oxidative Stress and Hypertrophy Induced by Chronic Pressure Overload. *Nutrients*, **2021**, 13,	6.7	1
30	Febuxostat Attenuates the Progression of Periodontitis in Rats. *Pharmacology*, **2021**, 106, 294-304	2.3	1
29	Comparison of effects of L/N-type and L-type calcium channel blockers on post-infarct cardiac remodelling in spontaneously hypertensive rats. *Clinical and Experimental Pharmacology and Physiology*, **2020**, 47, 1545-1553	3	0
28	Antihypertensive and Renoprotective Effects of Dietary Flaxseed and its Mechanism of Action in Deoxycorticosterone Acetate-Salt Hypertensive Rats. *Pharmacology*, **2020**, 105, 54-62	2.3	2
27	Transiently proliferating perivascular microglia harbor M1 type and precede cerebrovascular changes in a chronic hypertension model. *Journal of Neuroinflammation*, **2019**, 16, 79	10.1	10
26	Extracellular matrix roles in cardiorenal fibrosis: Potential therapeutic targets for CVD and CKD in the elderly. *Pharmacology & Therapeutics*, **2019**, 193, 99-120	13.9	20
25	Macrophage overexpression of matrix metalloproteinase-9 in aged mice improves diastolic physiology and cardiac wound healing after myocardial infarction. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 314, H224-H235	5.2	27
24	ADAMTS1 induces renal inflammation and fibrosis via renin-angiotensin system. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, PO1-3-19	0	
23	Transgenic overexpression of macrophage matrix metalloproteinase-9 exacerbates age-related cardiac hypertrophy, vessel rarefaction, inflammation, and fibrosis. *American Journal of Physiology - Heart and Circulatory Physiology*, **2017**, 312, H375-H383	5.2	40
22	Pitavastatin suppresses hyperglycaemia-induced podocyte injury via bone morphogenetic protein-7 preservation. *Clinical and Experimental Pharmacology and Physiology*, **2017**, 44, 378-385	3	6
21	Increased ADAMTS1 mediates SPARC-dependent collagen deposition in the aging myocardium. *American Journal of Physiology - Endocrinology and Metabolism*, **2016**, 310, E1027-35	6	29

20	Secreted protein acidic and rich in cysteine facilitates age-related cardiac inflammation and macrophage M1 polarization. *American Journal of Physiology - Cell Physiology*, **2015**, 308, C972-82	5.4	34
19	Short-Term Caloric Restriction Suppresses Cardiac Oxidative Stress and Hypertrophy Caused by Chronic Pressure Overload. *Journal of Cardiac Failure*, **2015**, 21, 656-66	3.3	23
18	Applications of miRNA technology for atherosclerosis. *Current Atherosclerosis Reports*, **2014**, 16, 386	6	26
17	Cardiac aging is initiated by matrix metalloproteinase-9-mediated endothelial dysfunction. *American Journal of Physiology - Heart and Circulatory Physiology*, **2014**, 306, H1398-407	5.2	44
16	Age and SPARC change the extracellular matrix composition of the left ventricle. *BioMed Research International*, **2014**, 2014, 810562	3	33
15	Endothelial dysfunction, macrophage infiltration and NADPH oxidase-dependent superoxide production were attenuated by erythropoietin in streptozotocin-induced diabetic rat aorta. *Pharmacology*, **2013**, 91, 48-58	2.3	12
14	Telmisartan protects against vascular dysfunction with peroxisome proliferator-activated receptor-□activation in hypertensive 5/6 nephrectomized rats. *Pharmacology*, **2013**, 92, 265-75	2.3	9
13	Telmisartan inhibits vascular dysfunction and inflammation via activation of peroxisome proliferator-activated receptor-□in subtotal nephrectomized rat. *European Journal of Pharmacology*, **2012**, 685, 91-8	5.3	20
12	Erythropoietin attenuated vascular dysfunction and inflammation by inhibiting NADPH oxidase-derived superoxide production in nitric oxide synthase-inhibited hypertensive rat aorta. *European Journal of Pharmacology*, **2012**, 691, 190-7	5.3	22
11	Recombinant human erythropoietin ameliorated endothelial dysfunction and macrophage infiltration by increasing nitric oxide in hypertensive 5/6 nephrectomized rat aorta. *European Journal of Pharmacology*, **2011**, 656, 81-7	5.3	13
10	L/N-type calcium channel blocker cilnidipine ameliorates proteinuria and inhibits the renal renin-angiotensin-aldosterone system in deoxycorticosterone acetate-salt hypertensive rats. *Hypertension Research*, **2011**, 34, 521-9	4.7	24
9	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. *Clinical and Experimental Pharmacology and Physiology*, **2010**, 37, 62-8	3	15
8	Inhibition of the renal renin-angiotensin system and renoprotection by pitavastatin in type1 diabetes. *Clinical and Experimental Pharmacology and Physiology*, **2010**, 37, 1064-70	3	9
7	Erythropoietin prevents vascular inflammation and oxidative stress in subtotal nephrectomized rat aorta beyond haematopoiesis. *Clinical and Experimental Pharmacology and Physiology*, **2010**, 37, 1139-46	3	20
6	Chronic treatment with recombinant human erythropoietin exerts renoprotective effects beyond hematopoiesis in streptozotocin-induced diabetic rat. *European Journal of Pharmacology*, **2009**, 612, 106-14	5.3	36
5	Spironolactone exhibits direct renoprotective effects and inhibits renal renin-angiotensin-aldosterone system in diabetic rats. *European Journal of Pharmacology*, **2008**, 589, 264-71	5.3	65
4	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. *European Journal of Pharmacology*, **2006**, 549, 124-32	5.3	30
3	Calcium [corrected] channel blockers reduce angiotensin II-induced superoxide generation and inhibit lectin-like oxidized low-density lipoprotein receptor-1 expression in endothelial cells. *Hypertension Research*, **2006**, 29, 105-16	4.7	27

2	Hyperinsulinaemia increases the gene expression of endothelial nitric oxide synthase and the phosphatidylinositol 3-kinase/Akt pathway in rat aorta. *Clinical and Experimental Pharmacology and Physiology*, **2006**, 33, 440-7	3	11
1	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. *Hypertension Research*, **2005**, 28, 689-700	4.7	57