

Chengwen Sun

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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.

59
papers

2,173
citations

27
h-index

45
g-index

59
ext. papers

2,350
ext. citations

5.7
avg, IF

4.63
L-index

#	Paper	IF	Citations
59	Overexpression of angiotensin-converting enzyme 2 in the rostral ventrolateral medulla causes long-term decrease in blood pressure in the spontaneously hypertensive rats. <i>Hypertension</i> , 2007 , 49, 926-31	8.5	148
58	Nitric oxide-20-hydroxyeicosatetraenoic acid interaction in the regulation of K ⁺ channel activity and vascular tone in renal arterioles. <i>Circulation Research</i> , 1998 , 83, 1069-79	15.7	146
57	Cell penetrating peptide tethered bi-ligand liposomes for delivery to brain in vivo: Biodistribution and transfection. <i>Journal of Controlled Release</i> , 2013 , 167, 1-10	11.7	127
56	Role of tyrosine kinase and PKC in the vasoconstrictor response to 20-HETE in renal arterioles. <i>Hypertension</i> , 1999 , 33, 414-8	8.5	105
55	Renal and cardiovascular actions of 20-hydroxyeicosatetraenoic acid and epoxyeicosatrienoic acids. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2000 , 27, 855-65	3	101
54	NAD(P)H oxidase inhibition attenuates neuronal chronotropic actions of angiotensin II. <i>Circulation Research</i> , 2005 , 96, 659-66	15.7	95
53	20-Hydroxyeicosatetraenoic acid induces apoptosis in neonatal rat cardiomyocytes through mitochondrial-dependent pathways. <i>Journal of Cardiovascular Pharmacology</i> , 2011 , 57, 294-301	3.1	94
52	Role of cGMP versus 20-HETE in the vasodilator response to nitric oxide in rat cerebral arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000 , 279, H339-50	5.2	69
51	Apelin gene transfer into the rostral ventrolateral medulla induces chronic blood pressure elevation in normotensive rats. <i>Circulation Research</i> , 2009 , 104, 1421-8	15.7	66
50	Dual functionalized liposomes for efficient co-delivery of anti-cancer chemotherapeutics for the treatment of glioblastoma. <i>Journal of Controlled Release</i> , 2019 , 307, 247-260	11.7	61
49	Grafting of cell-penetrating peptide to receptor-targeted liposomes improves their transfection efficiency and transport across blood-brain barrier model. <i>Journal of Pharmaceutical Sciences</i> , 2012 , 101, 2468-78	3.9	56
48	Endothelin-1 regulates cardiac L-type calcium channels via NAD(P)H oxidase-derived superoxide. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008 , 326, 732-8	4.7	53
47	Influence of short-chain cell-penetrating peptides on transport of doxorubicin encapsulating receptor-targeted liposomes across brain endothelial barrier. <i>Pharmaceutical Research</i> , 2014 , 31, 1194-2095	4.5	51
46	20-HETE increases NADPH oxidase-derived ROS production and stimulates the L-type Ca ²⁺ channel via a PKC-dependent mechanism in cardiomyocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 299, H1109-17	5.2	51
45	Novel mechanism of brain soluble epoxide hydrolase-mediated blood pressure regulation in the spontaneously hypertensive rat. <i>FASEB Journal</i> , 2005 , 19, 626-8	0.9	50
44	Macrophage migration inhibitory factor: an intracellular inhibitor of angiotensin II-induced increases in neuronal activity. <i>Journal of Neuroscience</i> , 2004 , 24, 9944-52	6.6	49
43	Altered renal hemodynamics and impaired myogenic responses in the fawn-hooded rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999 , 276, R855-63	3.2	48

42	20-Hydroxyeicosatetraenoic acid contributes to the inhibition of K ⁺ channel activity and vasoconstrictor response to angiotensin II in rat renal microvessels. <i>PLoS ONE</i> , 2013 , 8, e82482	3.7	44
41	Chronotropic action of angiotensin II in neurons via protein kinase C and CaMKII. <i>Hypertension</i> , 2002 , 39, 562-6	8.5	43
40	Contribution of 20-HETE to the vasodilator actions of nitric oxide in renal arteries. <i>American Journal of Physiology - Renal Physiology</i> , 1998 , 275, F370-8	4.3	43
39	Angiotensin-(1-7) attenuates angiotensin II-induced cardiac hypertrophy via a Sirt3-dependent mechanism. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 312, H980-H991	5.2	38
38	Invertible micellar polymer assemblies for delivery of poorly water-soluble drugs. <i>Biomacromolecules</i> , 2012 , 13, 2537-45	6.9	37
37	MT2 receptors mediate the inhibitory effects of melatonin on nitric oxide-induced relaxation of porcine isolated coronary arteries. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 336, 127-33	4.7	35
36	Angiotensin II increases GABAB receptor expression in nucleus tractus solitarii of rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 294, H2712-20	5.2	33
35	Mechanism of cGMP contribution to the vasodilator response to NO in rat middle cerebral arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 282, H1724-31	5.2	30
34	20-Hydroxyeicosatetraenoic acid mediates isolated heart ischemia/reperfusion injury by increasing NADPH oxidase-derived reactive oxygen species production. <i>Circulation Journal</i> , 2013 , 77, 1807-16	2.9	29
33	20-hydroxyeicosatetraenoic acid (20-HETE): structural determinants for renal vasoconstriction. <i>Bioorganic and Medicinal Chemistry</i> , 2003 , 11, 2803-21	3.4	27
32	Apelin-13 inhibits large-conductance Ca ²⁺ -activated K ⁺ channels in cerebral artery smooth muscle cells via a PI3-kinase dependent mechanism. <i>PLoS ONE</i> , 2013 , 8, e83051	3.7	27
31	Shift to an involvement of phosphatidylinositol 3-kinase in angiotensin II actions on nucleus tractus solitarii neurons of the spontaneously hypertensive rat. <i>Circulation Research</i> , 2009 , 105, 1248-55	15.7	26
30	Characterization of novel radicals from COX-catalyzed arachidonic acid peroxidation. <i>Free Radical Biology and Medicine</i> , 2009 , 47, 568-76	7.8	24
29	Biodistribution of TAT or QLPVM coupled to receptor targeted liposomes for delivery of anticancer therapeutics to brain in vitro and in vivo. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 23, 102112	6	23
28	Pressor effect of apelin-13 in the rostral ventrolateral medulla: role of NAD(P)H oxidase-derived superoxide. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 336, 372-80	4.7	22
27	Modulation of delayed rectifier potassium current by angiotensin II in CATH.a cells. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 310, 710-4	3.4	20
26	Angiotensin II enhances GABA(B) receptor-mediated responses and expression in nucleus tractus solitarii of rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 297, H1837-44	5.2	19
25	Melatonin inhibits nitric oxide signaling by increasing PDE5 phosphorylation in coronary arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 303, H1418-25	5.2	19

24	Lovastatin reduces renal vascular reactivity in spontaneously hypertensive rats. <i>American Journal of Hypertension</i> , 1998 , 11, 1222-31	2.3	19
23	PI3-kinase inhibitors abolish the enhanced chronotropic effects of angiotensin II in spontaneously hypertensive rat brain neurons. <i>Journal of Neurophysiology</i> , 2003 , 90, 3155-60	3.2	19
22	Needleless emulsion electrospinning for scalable fabrication of core-shell nanofibers. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	18
21	20-Hydroxyeicosatetraenoic Acid Is a Key Mediator of Angiotensin II-induced Apoptosis in Cardiac Myocytes. <i>Journal of Cardiovascular Pharmacology</i> , 2015 , 66, 86-95	3.1	18
20	Maternal nutrient restriction during pregnancy impairs an endothelium-derived hyperpolarizing factor-like pathway in sheep fetal coronary arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 307, H134-42	5.2	18
19	Hypertension-linked decrease in the expression of brain gamma-adducin. <i>Circulation Research</i> , 2002 , 91, 633-9	15.7	18
18	Activation of Large Conductance, Calcium-Activated Potassium Channels by Nitric Oxide Mediates Apelin-Induced Relaxation of Isolated Rat Coronary Arteries. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018 , 366, 265-273	4.7	16
17	Transduction of a functional domain of the AT1 receptor in neurons by HIV-Tat PTD. <i>Hypertension</i> , 2003 , 41, 751-6	8.5	15
16	Lentil polyphenol extract prevents angiotensin II-induced hypertension, vascular remodelling and perivascular fibrosis. <i>Food and Function</i> , 2012 , 3, 127-33	6.1	14
15	Apelin Reduces Nitric Oxide-Induced Relaxation of Cerebral Arteries by Inhibiting Activation of Large-Conductance, Calcium-Activated K Channels. <i>Journal of Cardiovascular Pharmacology</i> , 2018 , 71, 223-232	3.1	13
14	Lack of macrophage migration inhibitory factor regulation is linked to the increased chronotropic action of angiotensin II in SHR neurons. <i>Hypertension</i> , 2007 , 49, 528-34	8.5	13
13	Macrophage migration inhibitory factor increases neuronal delayed rectifier K ⁺ current. <i>Journal of Neurophysiology</i> , 2006 , 95, 1042-8	3.2	13
12	Morton lentil extract attenuated angiotensin II-induced cardiomyocyte hypertrophy via inhibition of intracellular reactive oxygen species levels in vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 10382-8	5.7	12
11	Angiotensin-(1-7) attenuates the chronotropic response to angiotensin II via stimulation of PTEN in the spontaneously hypertensive rat neurons. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 302, H1116-22	5.2	12
10	Adrenergic Receptor-stimulated Cardiac Myocyte Apoptosis: Role of Cytochrome P450 Hydroxylase. <i>Journal of Cardiovascular Pharmacology</i> , 2017 , 70, 94-101	3.1	9
9	Endothelin-1 induces intracellular [Ca ²⁺] increase via Ca ²⁺ influx through the L-type Ca ²⁺ channel, Ca ²⁺ -induced Ca ²⁺ release and a pathway involving ET A receptors, PKC, PKA and AT1 receptors in cardiomyocytes. <i>Science in China Series C: Life Sciences</i> , 2009 , 52, 360-70		9
8	Mechanical hyperalgesia is attenuated by local administration of octreotide in pristane-induced arthritis in Dark-Agouti rats. <i>Life Sciences</i> , 2008 , 83, 732-8	6.8	8
7	High salt-diet reduces SLC14A1 gene expression in the choroid plexus of Dahl salt sensitive rats. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 461, 254-9	3.4	7

6	GABAB receptor gene transfer into the nucleus tractus solitarii induces chronic blood pressure elevation in normotensive rats. <i>Circulation Journal</i> , 2013 , 77, 2558-66	2.9	6
5	Apelin inhibits an endothelium-derived hyperpolarizing factor-like pathway in rat cerebral arteries. <i>Peptides</i> , 2020 , 132, 170350	3.8	3
4	Apelin Does Not Impair Coronary Artery Relaxation Mediated by Nitric Oxide-Induced Activation of BK Channels. <i>Frontiers in Pharmacology</i> , 2021 , 12, 679005	5.6	2
3	In vitro assessment of clevidipine using the profilin1 hypertensive mouse model. <i>Pharmaceuticals</i> , 2013 , 6, 623-33	5.2	1
2	Role of PI3-Kinase in Angiotensin II-Induced Cardiac Hypertrophy: Class I Versus Class III. <i>Frontiers in Pharmacology</i> , 2021 , 12, 608523	5.6	1
1	Interaction between Ang II and GABA systems in NTS: Central resetting of blood pressure regulation. <i>FASEB Journal</i> , 2007 , 21, A879	0.9	