Chengwen Sun

List of Publications by Year
in descending order

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		185998	189595
59	2,549	28	50
papers	citations	h-index	g-index

59	59	59	2988
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nitric Oxide-20â€“Hydroxyeicosatetraenoic Acid Interaction in the Regulation of K ⁺ Channel Activity and Vascular Tone in Renal Arterioles. Circulation Research, 1998, 83, 1069-1079.	2.0	162
2	Overexpression of Angiotensin-Converting Enzyme 2 in the Rostral Ventrolateral Medulla Causes Long-Term Decrease in Blood Pressure in the Spontaneously Hypertensive Rats. Hypertension, 2007, 49, 926-931.	1.3	157
3	Cell penetrating peptide tethered bi-ligand liposomes for delivery to brain in vivo: Biodistribution and transfection. Journal of Controlled Release, 2013, 167, 1-10.	4.8	148
4	Role of Tyrosine Kinase and PKC in the Vasoconstrictor Response to 20-HETE in Renal Arterioles. Hypertension, 1999, 33, 414-418.	1.3	114
5	Renal And Cardiovascular Actions Of 20-Hydroxyeicosatetraenoic Acid And Epoxyeicosatrienoic Acids. Clinical and Experimental Pharmacology and Physiology, 2000, 27, 855-865.	0.9	114
6	Atrial Fibrillation and Atrial Fibrosis. Journal of Cardiovascular Pharmacology, 2011, 57, 625-629.	0.8	112
7	Dual functionalized liposomes for efficient co-delivery of anti-cancer chemotherapeutics for the treatment of glioblastoma. Journal of Controlled Release, 2019, 307, 247-260.	4.8	103
8	NAD(P)H Oxidase Inhibition Attenuates Neuronal Chronotropic Actions of Angiotensin II. Circulation Research, 2005, 96, 659-666.	2.0	99
9	Role of cGMP versus 20-HETE in the vasodilator response to nitric oxide in rat cerebral arteries. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 279, H339-H350.	1.5	86
10	Apelin Gene Transfer Into the Rostral Ventrolateral Medulla Induces Chronic Blood Pressure Elevation in Normotensive Rats. Circulation Research, 2009, 104, 1421-1428.	2.0	78
11	Grafting of Cell-Penetrating Peptide to Receptor-Targeted Liposomes Improves their Transfection Efficiency and Transport across Bloodâ€“Brain Barrier Model. Journal of Pharmaceutical Sciences, 2012, 101, 2468-2478.	1.6	66
12	Influence of Short-Chain Cell-Penetrating Peptides on Transport of Doxorubicin Encapsulating Receptor-Targeted Liposomes Across Brain Endothelial Barrier. Pharmaceutical Research, 2014, 31, 1194-1209.	1.7	64
13	Endothelin-1 Regulates Cardiac L-Type Calcium Channels via NAD(P)H Oxidase-Derived Superoxide. Journal of Pharmacology and Experimental Therapeutics, 2008, 326, 732-738.	1.3	61
14	Contribution of 20-HETE to the vasodilator actions of nitric oxide in renal arteries. American Journal of Physiology - Renal Physiology, 1998, 275, F370-F378.	1.3	58
15	Macrophage Migration Inhibitory Factor: An Intracellular Inhibitor of Angiotensin II-Induced Increases in Neuronal Activity. Journal of Neuroscience, 2004, 24, 9944-9952.	1.7	56
16	Novel mechanism of brain soluble epoxide hydrolaseâ€mediated blood pressure regulation in the spontaneously hypertensive rat. FASEB Journal, 2005, 19, 1-17.	0.2	55
17	20-HETE increases NADPH oxidase-derived ROS production and stimulates the L-type Ca²⁺ channel via a PKC-dependent mechanism in cardiomyocytes. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 299, H1109-H1117.	1.5	55
18	20-Hydroxyeicosatetraenoic Acid Contributes to the Inhibition of K+ Channel Activity and Vasoconstrictor Response to Angiotensin II in Rat Renal Microvessels. PLoS ONE, 2013, 8, e82482.	1.1	54

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19	Altered renal hemodynamics and impaired myogenic responses in the fawn-hooded rat. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R855-R863.	0.9	51
20	Angiotensin-(1â€“7) attenuates angiotensin II-induced cardiac hypertrophy via a Sirt3-dependent mechanism. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H980-H991.	1.5	51
21	Chronotropic Action of Angiotensin II in Neurons via Protein Kinase C and CaMKII. Hypertension, 2002, 39, 562-566.	1.3	43
22	Invertible Micellar Polymer Assemblies for Delivery of Poorly Water-Soluble Drugs. Biomacromolecules, 2012, 13, 2537-2545.	2.6	41
23	MT₂ Receptors Mediate the Inhibitory Effects of Melatonin on Nitric Oxide-Induced Relaxation of Porcine Isolated Coronary Arteries. Journal of Pharmacology and Experimental Therapeutics, 2011, 336, 127-133.	1.3	40
24	Angiotensin II increases GABA_B receptor expression in nucleus tractus solitarii of rats. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H2712-H2720.	1.5	38
25	Mechanism of cGMP contribution to the vasodilator response to NO in rat middle cerebral arteries. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 282, H1724-H1731.	1.5	37
26	20-Hydroxyeicosatetraenoic Acid Mediates Isolated Heart Ischemia/Reperfusion Injury by Increasing NADPH Oxidase-Derived Reactive Oxygen Species Production. Circulation Journal, 2013, 77, 1807-1816.	0.7	37
27	Biodistribution of TAT or QLPVM coupled to receptor targeted liposomes for delivery of anticancer therapeutics to brain in vitro and in vivo. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 23, 102112.	1.7	36
28	Apelin-13 Inhibits Large-Conductance Ca2+-Activated K+ Channels in Cerebral Artery Smooth Muscle Cells via a PI3-Kinase Dependent Mechanism. PLoS ONE, 2013, 8, e83051.	1.1	33
29	20-Hydroxyeicosatetraenoic acid (20-HETE): structural determinants for renal vasoconstriction. Bioorganic and Medicinal Chemistry, 2003, 11, 2803-2821.	1.4	32
30	Shift to an Involvement of Phosphatidylinositol 3-Kinase in Angiotensin II Actions on Nucleus Tractus Solitarii Neurons of the Spontaneously Hypertensive Rat. Circulation Research, 2009, 105, 1248-1255.	2.0	30
31	Activation of Large Conductance, Calcium-Activated Potassium Channels by Nitric Oxide Mediates Apelin-Induced Relaxation of Isolated Rat Coronary Arteries. Journal of Pharmacology and Experimental Therapeutics, 2018, 366, 265-273.	1.3	29
32	Characterization of novel radicals from COX-catalyzed arachidonic acid peroxidation. Free Radical Biology and Medicine, 2009, 47, 568-576.	1.3	27
33	Lovastatin reduces renal vascular reactivity in spontaneously hypertensive ratsâ˜†. American Journal of Hypertension, 1998, 11, 1222-1231.	1.0	25
34	Pressor Effect of Apelin-13 in the Rostral Ventrolateral Medulla: Role of NAD(P)H Oxidase-Derived Superoxide. Journal of Pharmacology and Experimental Therapeutics, 2011, 336, 372-380.	1.3	23
35	Hypertension-Linked Decrease in the Expression of Brain Î³-Adducin. Circulation Research, 2002, 91, 633-639.	2.0	22
36	Angiotensin II enhances GABA_B receptor-mediated responses and expression in nucleus tractus solitarii of rats. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H1837-H1844.	1.5	22

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37	Melatonin inhibits nitric oxide signaling by increasing PDE5 phosphorylation in coronary arteries. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H1418-H1425.	1.5	22
38	Modulation of delayed rectifier potassium current by angiotensin II in CATH.a cells. Biochemical and Biophysical Research Communications, 2003, 310, 710-714.	1.0	21
39	Needleless emulsion electrospinning for scalable fabrication of coreâ€“shell nanofibers. Journal of Applied Polymer Science, 2014, 131, .	1.3	21
40	20-Hydroxyeicosatetraenoic Acid Is a Key Mediator of Angiotensin Iiâ€“induced Apoptosis in Cardiac Myocytes. Journal of Cardiovascular Pharmacology, 2015, 66, 86-95.	0.8	20
41	Maternal nutrient restriction during pregnancy impairs an endothelium-derived hyperpolarizing factor-like pathway in sheep fetal coronary arteries. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 307, H134-H142.	1.5	19
42	Apelin Reduces Nitric Oxideâ€“Induced Relaxation of Cerebral Arteries by Inhibiting Activation of Large-Conductance, Calcium-Activated K Channels. Journal of Cardiovascular Pharmacology, 2018, 71, 223-232.	0.8	19
43	PI3-Kinase Inhibitors Abolish the Enhanced Chronotropic Effects of Angiotensin II in Spontaneously Hypertensive Rat Brain Neurons. Journal of Neurophysiology, 2003, 90, 3155-3160.	0.9	19
44	Lentil polyphenol extract prevents angiotensin II-induced hypertension, vascular remodelling and perivascular fibrosis. Food and Function, 2012, 3, 127-133.	2.1	17
45	Macrophage Migration Inhibitory Factor Increases Neuronal Delayed Rectifier K+ Current. Journal of Neurophysiology, 2006, 95, 1042-1048.	0.9	16
46	Transduction of a Functional Domain of the AT1Receptor in Neurons by HIV-Tat PTD. Hypertension, 2003, 41, 751-756.	1.3	15
47	Lack of Macrophage Migration Inhibitory Factor Regulation Is Linked to the Increased Chronotropic Action of Angiotensin II in SHR Neurons. Hypertension, 2007, 49, 528-534.	1.3	14
48	Morton Lentil Extract Attenuated Angiotensin II-Induced Cardiomyocyte Hypertrophy via Inhibition of Intracellular Reactive Oxygen Species Levels in Vitro. Journal of Agricultural and Food Chemistry, 2010, 58, 10382-10388.	2.4	13
49	Angiotensin-(1â€“7) attenuates the chronotropic response to angiotensin II via stimulation of PTEN in the spontaneously hypertensive rat neurons. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H1116-H1122.	1.5	13
50	Î²-adrenergic Receptor-stimulated Cardiac Myocyte Apoptosis: Role of Cytochrome P450 Ï‰-hydroxylase. Journal of Cardiovascular Pharmacology, 2017, 70, 94-101.	0.8	11
51	High salt-diet reduces SLC14A1 gene expression in the choroid plexus of Dahl salt sensitive rats. Biochemical and Biophysical Research Communications, 2015, 461, 254-259.	1.0	10
52	Endothelin-1 induces intracellular [Ca2+] increase via Ca2+ influx through the L-type Ca2+ channel, Ca2+-induced Ca2+ release and a pathway involving ETA receptors, PKC, PKA and AT1 receptors in cardiomyocytes. Science in China Series C: Life Sciences, 2009, 52, 360-370.	1.3	9
53	Mechanical hyperalgesia is attenuated by local administration of octreotide in pristane-induced arthritis in Dark-Agouti rats. Life Sciences, 2008, 83, 732-738.	2.0	8
54	GABA_B Receptor Gene Transfer Into the Nucleus Tractus Solitarii Induces Chronic Blood Pressure Elevation in Normotensive Rats. Circulation Journal, 2013, 77, 2558-2566.	0.7	7

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55	Apelin inhibits an endothelium-derived hyperpolarizing factor-like pathway in rat cerebral arteries. Peptides, 2020, 132, 170350.	1.2	7
56	Apelin Does Not Impair Coronary Artery Relaxation Mediated by Nitric Oxide-Induced Activation of BKCa Channels. Frontiers in Pharmacology, 2021, 12, 679005.	1.6	4
57	Role of PI3-Kinase in Angiotensin II-Induced Cardiac Hypertrophy: Class I Versus Class III. Frontiers in Pharmacology, 2021, 12, 608523.	1.6	3
58	In Vitro Assessment of Clevidipine Using the Profilin1 Hypertensive Mouse Model. Pharmaceuticals, 2013, 6, 623-633.	1.7	2
59	Interaction between Ang II and GABA systems in NTS: Central resetting of blood pressure regulation. FASEB Journal, 2007, 21, A879.	0.2	0