Yanfang Chen

List of Publications by Year
in descending order

58 papers	1,811 citations	218677 26 h-index	276875 41 g-index
58 all docs	58 docs citations	58 times ranked	2686 citing authors

#	Article	IF	Citations
1	NLRP3: A Novel Mediator in Cardiovascular Disease. Journal of Immunology Research, 2018, 2018, 1-8.	2.2	128
2	Effects of Endothelial Progenitor Cell-Derived Microvesicles on Hypoxia/Reoxygenation-Induced Endothelial Dysfunction and Apoptosis. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-9.	4.0	92
3	The Role of Circulating Platelets Microparticles and Platelet Parameters in Acute Ischemic Stroke Patients. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, 2313-2320.	1.6	85
4	Neuronal over-expression of ACE2 protects brain from ischemia-induced damage. Neuropharmacology, 2014, 79, 550-558.	4.1	83
5	Moderate Exercise Enhances Endothelial Progenitor Cell Exosomes Release and Function. Medicine and Science in Sports and Exercise, 2018, 50, 2024-2032.	0.4	75
6	miR-132-3p priming enhances the effects of mesenchymal stromal cell-derived exosomes on ameliorating brain ischemic injury. Stem Cell Research and Therapy, 2020, 11, 260.	5.5	75
7	Exosomes from miRNAâ€126â€modified endothelial progenitor cells alleviate brain injury and promote functional recovery after stroke. CNS Neuroscience and Therapeutics, 2020, 26, 1255-1265.	3.9	74
8	Angiotensin-(1â€“7) counteracts angiotensin II-induced dysfunction in cerebral endothelial cells via modulating Nox2/ROS and PI3K/NO pathways. Experimental Cell Research, 2015, 336, 58-65.	2.6	70
9	EPC-Derived Microvesicles Protect Cardiomyocytes from Ang II-Induced Hypertrophy and Apoptosis. PLoS ONE, 2014, 9, e85396.	2.5	63
10	ACE2â€EPCâ€EXs protect ageing ECs against hypoxia/reoxygenationâ€induced injury through the miRâ€18a/Nox2/ROS pathway. Journal of Cellular and Molecular Medicine, 2018, 22, 1873-1882.	3.6	60
11	Moderate exercise has beneficial effects on mouse ischemic stroke by enhancing the functions of circulating endothelial progenitor cell-derived exosomes. Experimental Neurology, 2020, 330, 113325.	4.1	60
12	The effects of microvesicles on endothelial progenitor cells are compromised in type 2 diabetic patients via downregulation of the miR-126/VEGFR2 pathway. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E828-E837.	3.5	57
13	Angiotensin-(1â€“7) counteracts the effects of Ang II on vascular smooth muscle cells, vascular remodeling and hemorrhagic stroke: Role of the NFÐºB inflammatory pathway. Vascular Pharmacology, 2015, 73, 115-123.	2.1	54
14	Multiple Myeloma-Derived Exosomes Regulate the Functions of Mesenchymal Stem Cells Partially via Modulating miR-21 and miR-146a. Stem Cells International, 2017, 2017, 1-9.	2.5	51
15	The Novel Methods for Analysis of Exosomes Released from Endothelial Cells and Endothelial Progenitor Cells. Stem Cells International, 2016, 2016, 1-12.	2.5	49
16	Endothelial progenitor cells and neural progenitor cells synergistically protect cerebral endothelial cells from Hypoxia/reoxygenation-induced injury via activating the PI3K/Akt pathway. Molecular Brain, 2016, 9, 12.	2.6	49
17	Hypoxia/Aglycemia-Induced Endothelial Barrier Dysfunction and Tight Junction Protein Downregulation Can Be Ameliorated by Citicoline. PLoS ONE, 2013, 8, e82604.	2.5	48
18	Adenovirus-Mediated Small-Interference RNA for In Vivo Silencing of Angiotensin AT 1a Receptors in Mouse Brain. Hypertension, 2006, 47, 230-237.	2.7	47

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19	Mechanism and Therapies of Oxidative Stress-Mediated Cell Death in Ischemia Reperfusion Injury. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-2.	4.0	36
20	Osmotic regulation of angiotensin AT1 receptor subtypes in mouse brain. Brain Research, 2003, 965, 35-44.	2.2	34
21	Cardiovascular autonomic control in mice lacking angiotensin AT1a receptors. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 288, R1071-R1077.	1.8	33
22	5-Aminolevulinic acid combined with sodium ferrous citrate ameliorates H₂O₂-induced cardiomyocyte hypertrophy via activation of the MAPK/Nrf2/HO-1 pathway. American Journal of Physiology - Cell Physiology, 2015, 308, C665-C672.	4.6	33
23	Oxidative Stress-Mediated Reperfusion Injury: Mechanism and Therapies. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-2.	4.0	32
24	Implication of MicroRNA503 in Brain Endothelial Cell Function and Ischemic Stroke. Translational Stroke Research, 2020, 11, 1148-1164.	4.2	30
25	Differentiation of Brain Angiotensin Type 1a and 1b Receptor mRNAs. Hypertension, 2001, 37, 692-697.	2.7	28
26	NPC-EXs Alleviate Endothelial Oxidative Stress and Dysfunction through the miR-210 Downstream Nox2 and VEGFR2 Pathways. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-11.	4.0	28
27	Liver kinaseÃ¯Â¿Â½B1 restoration promotes exosome secretion and motility of lung cancer cells. Oncology Reports, 2018, 39, 376-382.	2.6	27
28	Plasma endothelial microvesicles and their carrying miRNAâ€155 serve as biomarkers for ischemic stroke. Journal of Neuroscience Research, 2020, 98, 2290-2301.	2.9	27
29	<scp>UVB</scp> Generates Microvesicle Particle Release in Part Due to Plateletâ€activating Factor Signaling. Photochemistry and Photobiology, 2016, 92, 503-506.	2.5	25
30	Analyses of Endothelial Cells and Endothelial Progenitor Cells Released Microvesicles by Using Microbead and Q-dot Based Nanoparticle Tracking Analysis. Scientific Reports, 2016, 6, 24679.	3.3	23
31	Exosomes are the novel players involved in the beneficial effects of exercise on type 2 diabetes. Journal of Cellular Physiology, 2019, 234, 14896-14905.	4.1	23
32	UVBâ€generated Microvesicle Particles: A Novel Pathway by Which a Skinâ€specific Stimulus Could Exert Systemic Effects. Photochemistry and Photobiology, 2017, 93, 937-942.	2.5	21
33	Extracellular vesicles as novel biomarkers and pharmaceutic targets of diseases. Acta Pharmacologica Sinica, 2018, 39, 499-500.	6.1	17
34	Thermal Burn Injury Generates Bioactive Microvesicles: Evidence for a Novel Transport Mechanism for the Lipid Mediator Platelet-Activating Factor (PAF) That Involves Subcellular Particles and the PAF Receptor. Journal of Immunology, 2020, 205, 193-201.	0.8	17
35	Dietary sodium regulates angiotensin AT1a and AT1b mRNA expression in mouse brain. Experimental Neurology, 2004, 188, 238-245.	4.1	16
36	C6-ceramide treatment inhibits the proangiogenic activity of multiple myeloma exosomes via the miR-29b/Akt pathway. Journal of Translational Medicine, 2020, 18, 298.	4.4	15

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37	Quercetin Inhibits Pulmonary Arterial Endothelial Cell Transdifferentiation Possibly by Akt and Erk1/2 Pathways. BioMed Research International, 2017, 2017, 1-8.	1.9	14
38	Microvesicles Derived from Inflammation-Challenged Endothelial Cells Modulate Vascular Smooth Muscle Cell Functions. Frontiers in Physiology, 2016, 7, 692.	2.8	12
39	Enhanced osmotic responsiveness in angiotensin AT1a receptor deficient mice: evidence for a role for AT1b receptors. Experimental Physiology, 2005, 90, 739-746.	2.0	10
40	Salt consumption increases blood pressure and abolishes the light/dark rhythm in angiotensin AT1a receptor deficient mice. Physiology and Behavior, 2006, 88, 95-100.	2.1	10
41	Circulating CD133+ CD34+ Progenitor Cells and Plasma Stromal-Derived Factor-1Alpha: Predictive Role in Ischemic Stroke Patients. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, 319-326.	1.6	10
42	Enrichment of miR-126 enhances the effects of endothelial progenitor cellâ€“derived microvesicles on modulating MC3T3-E1 cell function via Erk1/2-Bcl-2 signalling pathway. Prion, 2019, 13, 106-115.	1.8	10
43	Repetitive magnetic stimulation promotes the proliferation of neural progenitor cells via modulating the expression of miR-106b. International Journal of Molecular Medicine, 2018, 42, 3631-3639.	4.0	10
44	Stem Cell-Released Microvesicles and Exosomes as Novel Biomarkers and Treatments of Diseases. Stem Cells International, 2016, 2016, 1-2.	2.5	8
45	Rab27a deletion impairs the therapeutic potential of endothelial progenitor cells for myocardial infarction. Molecular and Cellular Biochemistry, 2021, 476, 797-807.	3.1	8
46	Ultraviolet B Irradiation Alters the Level and miR Contents of Exosomes Released by Keratinocytes in Diabetic Condition. Photochemistry and Photobiology, 2022, 98, 1122-1130.	2.5	7
47	The Preliminary Study of Effects of Tolfenamic Acid on Cell Proliferation, Cell Apoptosis, and Intracellular Collagen Deposition in Keloid FibroblastsIn Vitro. Dermatology Research and Practice, 2014, 2014, 1-8.	0.8	5
48	Transcutaneous electrical acupoint stimulation alleviates adverse cardiac remodeling induced by overload training in rats. Journal of Applied Physiology, 2016, 120, 1269-1276.	2.5	5
49	Strategies to Improve the Migration of Mesenchymal Stromal Cells in Cell Therapy. Translational Neuroscience and Clinics, 2017, 3, 159-175.	0.1	5
50	Low UVB Fluences Augment Microvesicle Particle Generation in Keratinocytes. Photochemistry and Photobiology, 2022, 98, 248-253.	2.5	5
51	Oxidative Stress-Mediated Reperfusion Injury 2014. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-2.	4.0	4
52	Noncoding RNAs and Stem Cell Function and Therapy. Stem Cells International, 2018, 2018, 1-2.	2.5	3
53	Evidence of Angiotensin Converting Enzyme 2 in Mouse Brain: in situ Hybridization and Mass Spectrometry Studies. FASEB Journal, 2006, 20, A688.	0.5	0
54	High Fructose Diet in Mice Activates Brainstem Angiotensin AT1a and Catecholaminergic Systems. FASEB Journal, 2006, 20, A300.	0.5	0

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55	Blockade of Brain Angiotensin II AT1 Receptors Reduces Brain Damage from Ischemic Stroke in Mice. FASEB Journal, 2007, 21, A1168.	0.5	0
56	Brain angiotensin converting enzymes: Evaluation using mass spectrometry and Western blot.. FASEB Journal, 2007, 21, A798.	0.5	0
57	Angiotensin AT1a shRNA Demonstrates Interactions between Brainstem Angiotensin AT1a Receptors and Angiotensin Converting Enzyme 2. FASEB Journal, 2007, 21, A890.	0.5	0
58	Abstract 339: Ang-(1-7) Counteracts Ang II in Regulating Cerebrovascular Endothelial Cell Function and Gene Expression. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	2.4	0