Congcong Zhang

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.

26 papers	806 citations	15 h-index	27 g-index
27 ext. papers	1,065 ext. citations	7.1 avg, IF	4.18 L-index

#	Paper	IF	Citations
26	Interleukin-6/signal transducer and activator of transcription 3 (STAT3) pathway is essential for macrophage infiltration and myoblast proliferation during muscle regeneration. *Journal of Biological Chemistry*, **2013**, 288, 1489-99	5.4	182
25	Macrophage-Derived mir-155-Containing Exosomes Suppress Fibroblast Proliferation and Promote Fibroblast Inflammation during Cardiac Injury. *Molecular Therapy*, **2017**, 25, 192-204	11.7	180
24	Cardiac Fibroblast-Specific Activating Transcription Factor 3 Protects Against Heart Failure by Suppressing MAP2K3-p38 Signaling. *Circulation*, **2017**, 135, 2041-2057	16.7	68
23	Complement 5a receptor mediates angiotensin II-induced cardiac inflammation and remodeling. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2014**, 34, 1240-8	9.4	50
22	Complement C3a signaling facilitates skeletal muscle regeneration by regulating monocyte function and trafficking. *Nature Communications*, **2017**, 8, 2078	17.4	45
21	Highly permeable and stable forward osmosis (FO) membrane based on the incorporation of Al2O3 nanoparticles into both substrate and polyamide active layer. *RSC Advances*, **2017**, 7, 40311-40320	3.7	41
20	Deficiency of IL-12p35 improves cardiac repair after myocardial infarction by promoting angiogenesis. *Cardiovascular Research*, **2016**, 109, 249-59	9.9	28
19	Antagonist of C5aR prevents cardiac remodeling in angiotensin II-induced hypertension. *American Journal of Hypertension*, **2014**, 27, 857-64	2.3	28
18	Copper-loaded nanocellulose sponge as a sustainable catalyst for regioselective hydroboration of alkynes. *Carbohydrate Polymers*, **2018**, 191, 17-24	10.3	24
17	Interleukin-3 stimulates matrix metalloproteinase 12 production from macrophages promoting thoracic aortic aneurysm/dissection. *Clinical Science*, **2018**, 132, 655-668	6.5	23
16	Potential of hydrolyzed polyacrylamide biodegradation to final products through regulating its own nitrogen transformation in different dissolved oxygen systems. *Bioresource Technology*, **2018**, 256, 61-68	11	18
15	MicroRNA-223-3p promotes skeletal muscle regeneration by regulating inflammation in mice. *Journal of Biological Chemistry*, **2020**, 295, 10212-10223	5.4	17
14	Helical self-assembly of optically active phthalocyanine derivatives: effect of Zn-O coordination bond on morphology and handedness of nanostructures. *ChemPhysChem*, **2013**, 14, 3827-33	3.2	16
13	Age-related decline of interferon-gamma responses in macrophage impairs satellite cell proliferation and regeneration. *Journal of Cachexia, Sarcopenia and Muscle*, **2020**, 11, 1291-1305	10.3	15
12	Breakthrough of ZrO nanoparticles into fetal brains depends on developmental stage of maternal placental barrier and fetal blood-brain-barrier. *Journal of Hazardous Materials*, **2021**, 402, 123563	12.8	15
11	Effects of different electron acceptors on the methanogenesis of hydrolyzed polyacrylamide biodegradation in anaerobic activated sludge systems. *Bioresource Technology*, **2018**, 247, 759-768	11	13
10	Deficiency of Ⅲ cells protects against abdominal aortic aneurysms by regulating phosphoinositide 3-kinase/AKT signaling. *Journal of Vascular Surgery*, **2018**, 67, 899-908.e1	3.5	9

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9	MicroRNA-200b-3p promotes endothelial cell apoptosis by targeting HDAC4 in atherosclerosis. *BMC Cardiovascular Disorders*, **2021**, 21, 172	2.3	9
8	Precipitated silica agglomerates reinforced with cellulose nanofibrils as adsorbents for heavy metals.. *RSC Advances*, **2018**, 8, 33129-33137	3.7	9
7	MicroRNA-223-3p inhibits vascular calcification and the osteogenic switch of vascular smooth muscle cells. *Journal of Biological Chemistry*, **2021**, 296, 100483	5.4	6
6	Nanocellulose sponges as efficient continuous flow reactors. *Carbohydrate Polymers*, **2019**, 224, 115184	10.3	3
5	Key role of different levels of dissolved oxygen in hydrolyzed polyacrylamide bioconversion: Focusing on metabolic products, key enzymes and functional microorganisms. *Bioresource Technology*, **2020**, 306, 123089	11	2
4	FABP5 Deficiency Impairs Mitochondrial Function and Aggravates Pathological Cardiac Remodeling and Dysfunction. *Cardiovascular Toxicology*, **2021**, 21, 619-629	3.4	2
3	Reductive performance of ZVI/Cu polyscale particle to decolorize reactive black 5. *Microscopy Research and Technique*, **2019**, 82, 134-143	2.8	2
2	miRNA Expression Profiling Uncovers a Role of miR-139-5p in Regulating the Calcification of Human Aortic Valve Interstitial Cells. *Frontiers in Genetics*, **2021**, 12, 722564	4.5	1
1	A clinical study of genetic testing to guide the dosing of warfarin after heart valve replacement.. *BMC Cardiovascular Disorders*, **2022**, 22, 183	2.3	