

# Congcong Zhang

## List of Publications by Year in Descending Order

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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 | A clinical study of genetic testing to guide the dosing of warfarin after heart valve replacement.. <i>BMC Cardiovascular Disorders</i> , <b>2022</b> , 22, 183   | 2.3  |           |
| 25 | miRNA Expression Profiling Uncovers a Role of miR-139-5p in Regulating the Calcification of Human Aortic Valve Interstitial Cells. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 722564  | 4.5  | 1         |
| 24 | MicroRNA-200b-3p promotes endothelial cell apoptosis by targeting HDAC4 in atherosclerosis. <i>BMC Cardiovascular Disorders</i> , <b>2021</b> , 21, 172   | 2.3  | 9         |
| 23 | FABP5 Deficiency Impairs Mitochondrial Function and Aggravates Pathological Cardiac Remodeling and Dysfunction. <i>Cardiovascular Toxicology</i> , <b>2021</b> , 21, 619-629  | 3.4  | 2         |
| 22 | Breakthrough of ZrO nanoparticles into fetal brains depends on developmental stage of maternal placental barrier and fetal blood-brain-barrier. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 402, 123563                 | 12.8 | 15        |
| 21 | MicroRNA-223-3p inhibits vascular calcification and the osteogenic switch of vascular smooth muscle cells. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 296, 100483   | 5.4  | 6         |
| 20 | MicroRNA-223-3p promotes skeletal muscle regeneration by regulating inflammation in mice. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 10212-10223   | 5.4  | 17        |
| 19 | Key role of different levels of dissolved oxygen in hydrolyzed polyacrylamide bioconversion: Focusing on metabolic products, key enzymes and functional microorganisms. <i>Bioresource Technology</i> , <b>2020</b> , 306, 123089 | 11   | 2         |
| 18 | Age-related decline of interferon-gamma responses in macrophage impairs satellite cell proliferation and regeneration. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2020</b> , 11, 1291-1305                            | 10.3 | 15        |
| 17 | Nanocellulose sponges as efficient continuous flow reactors. <i>Carbohydrate Polymers</i> , <b>2019</b> , 224, 115184   | 10.3 | 3         |
| 16 | Reductive performance of ZVI/Cu polyscale particle to decolorize reactive black 5. <i>Microscopy Research and Technique</i> , <b>2019</b> , 82, 134-143   | 2.8  | 2         |
| 15 | Copper-loaded nanocellulose sponge as a sustainable catalyst for regioselective hydroboration of alkynes. <i>Carbohydrate Polymers</i> , <b>2018</b> , 191, 17-24   | 10.3 | 24        |
| 14 | Potential of hydrolyzed polyacrylamide biodegradation to final products through regulating its own nitrogen transformation in different dissolved oxygen systems. <i>Bioresource Technology</i> , <b>2018</b> , 256, 61-68        | 11   | 18        |
| 13 | Interleukin-3 stimulates matrix metalloproteinase 12 production from macrophages promoting thoracic aortic aneurysm/dissection. <i>Clinical Science</i> , <b>2018</b> , 132, 655-668  | 6.5  | 23        |
| 12 | Deficiency of $\gamma$ cells protects against abdominal aortic aneurysms by regulating phosphoinositide 3-kinase/AKT signaling. <i>Journal of Vascular Surgery</i> , <b>2018</b> , 67, 899-908.e1                                 | 3.5  | 9         |
| 11 | Effects of different electron acceptors on the methanogenesis of hydrolyzed polyacrylamide biodegradation in anaerobic activated sludge systems. <i>Bioresource Technology</i> , <b>2018</b> , 247, 759-768                       | 11   | 13        |
| 10 | Precipitated silica agglomerates reinforced with cellulose nanofibrils as adsorbents for heavy metals.. <i>RSC Advances</i> , <b>2018</b> , 8, 33129-33137  | 3.7  | 9         |

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|---|--|------|-----|
| 9 | Macrophage-Derived mir-155-Containing Exosomes Suppress Fibroblast Proliferation and Promote Fibroblast Inflammation during Cardiac Injury. <i>Molecular Therapy</i> , <b>2017</b> , 25, 192-204   | 11.7 | 180 |
| 8 | Cardiac Fibroblast-Specific Activating Transcription Factor 3 Protects Against Heart Failure by Suppressing MAP2K3-p38 Signaling. <i>Circulation</i> , <b>2017</b> , 135, 2041-2057  | 16.7 | 68  |
| 7 | Highly permeable and stable forward osmosis (FO) membrane based on the incorporation of Al <sub>2</sub> O <sub>3</sub> nanoparticles into both substrate and polyamide active layer. <i>RSC Advances</i> , <b>2017</b> , 7, 40311-40320              | 3.7  | 41  |
| 6 | Complement C3a signaling facilitates skeletal muscle regeneration by regulating monocyte function and trafficking. <i>Nature Communications</i> , <b>2017</b> , 8, 2078  | 17.4 | 45  |
| 5 | Deficiency of IL-12p35 improves cardiac repair after myocardial infarction by promoting angiogenesis. <i>Cardiovascular Research</i> , <b>2016</b> , 109, 249-59   | 9.9  | 28  |
| 4 | Antagonist of C5aR prevents cardiac remodeling in angiotensin II-induced hypertension. <i>American Journal of Hypertension</i> , <b>2014</b> , 27, 857-64  | 2.3  | 28  |
| 3 | Complement 5a receptor mediates angiotensin II-induced cardiac inflammation and remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 1240-8   | 9.4  | 50  |
| 2 | Interleukin-6/signal transducer and activator of transcription 3 (STAT3) pathway is essential for macrophage infiltration and myoblast proliferation during muscle regeneration. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 1489-99 | 5.4  | 182 |
| 1 | Helical self-assembly of optically active phthalocyanine derivatives: effect of Zn-O coordination bond on morphology and handedness of nanostructures. <i>ChemPhysChem</i> , <b>2013</b> , 14, 3827-33   | 3.2  | 16  |