Zhen Li

List of Publications by Year in Descending Order

25 papers	745 citations	15 h-index	27 g-index
27 ext. papers	990 ext. citations	7.1 avg, IF	4.06 L-index

#	Paper	IF	Citations
25	Hydrogen Sulfide as a Potential Therapy for Heart Failure-Past, Present, and Future. *Antioxidants*, **2021**, 10,	7.1	5
24	Novel Göttingen Miniswine Model of Heart Failure With Preserved Ejection Fraction Integrating Multiple Comorbidities. *JACC Basic To Translational Science*, **2021**, 6, 154-170	8.7	8
23	Nonlethal Inhibition of Gut Microbial Trimethylamine N-oxide Production Improves Cardiac Function and Remodeling in a Murine Model of Heart Failure. *Journal of the American Heart Association*, **2020**, 9, e016223	6	30
22	Global knockout of ROMK potassium channel worsens cardiac ischemia-reperfusion injury but cardiomyocyte-specific knockout does not: Implications for the identity of mitoKATP. *Journal of Molecular and Cellular Cardiology*, **2020**, 139, 176-189	5.8	15
21	Endothelial Cell Cystathionine γ-Lyase Expression Level Modulates Exercise Capacity, Vascular Function, and Myocardial Ischemia Reperfusion Injury. *Journal of the American Heart Association*, **2020**, 9, e017544	6	15
20	Cardiovascular phenotype of mice lacking 3-mercaptopyruvate sulfurtransferase. *Biochemical Pharmacology*, **2020**, 176, 113833	6	23
19	Repeated cell transplantation and adjunct renal denervation in ischemic heart failure: exploring modalities for improving cell therapy efficacy. *Basic Research in Cardiology*, **2019**, 114, 9	11.8	5
18	Hydrogen Sulfide Ameliorates Homocysteine-Induced Cardiac Remodeling and Dysfunction. *Frontiers in Physiology*, **2019**, 10, 598	4.6	18
17	Effects of a novel hydrogen sulfide prodrug in a porcine model of acute limb ischemia. *Journal of Vascular Surgery*, **2019**, 69, 1924-1935	3.5	15
16	Combined Angiotensin Receptor-Neprilysin Inhibitors Improve Cardiac and Vascular Function Via Increased NO Bioavailability in Heart Failure. *Journal of the American Heart Association*, **2018**, 7,	6	26
15	A novel fibroblast activation inhibitor attenuates left ventricular remodeling and preserves cardiac function in heart failure. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 315, H563-H570	5.2	9
14	A novel mtDNA repair fusion protein attenuates maladaptive remodeling and preserves cardiac function in heart failure. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 314, H311-H321	5.2	12
13	Renal Denervation Prevents Heart Failure Progression Via Inhibition of the Renin-Angiotensin System. *Journal of the American College of Cardiology*, **2018**, 72, 2609-2621	15.1	48
12	Hydrogen Sulfide Attenuates Renin-Angiotensin and Aldosterone Pathological Signaling to Preserve Kidney Function and Improve Exercise Tolerance in Heart Failure. *JACC Basic To Translational Science*, **2018**, 3, 796-809	8.7	19
11	Evolution of Hydrogen Sulfide Therapeutics to Treat Cardiovascular Disease. *Circulation Research*, **2018**, 123, 590-600	15.7	59
10	Slow generation of hydrogen sulfide from sulfane sulfurs and NADH models. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 542-545	2.9	8
9	Renal Sympathetic Denervation Protects the Failing Heart Via Inhibition of Neprilysin Activity in the Kidney. *Journal of the American College of Cardiology*, **2017**, 70, 2139-2153	15.1	43

8	An Esterase-Sensitive Prodrug Approach for Controllable Delivery of Persulfide Species. *Angewandte Chemie*, **2017**, 129, 11911-11915	3.6	15
7	An Esterase-Sensitive Prodrug Approach for Controllable Delivery of Persulfide Species. *Angewandte Chemie - International Edition*, **2017**, 56, 11749-11753	16.4	57
6	Nebivolol Acts as a S-Nitrosoglutathione Reductase Inhibitor: A New Mechanism of Action. *Journal of Cardiovascular Pharmacology and Therapeutics*, **2016**, 21, 478-85	2.6	9
5	pH-Controlled Hydrogen Sulfide Release for Myocardial Ischemia-Reperfusion Injury. *Journal of the American Chemical Society*, **2016**, 138, 6336-9	16.4	149
4	Design, Synthesis, and Cardioprotective Effects of N-Mercapto-Based Hydrogen Sulfide Donors. *Journal of Medicinal Chemistry*, **2015**, 58, 7501-11	8.3	63
3	A novel hydrogen sulfide prodrug, SG1002, promotes hydrogen sulfide and nitric oxide bioavailability in heart failure patients. *Cardiovascular Therapeutics*, **2015**, 33, 216-26	3.3	84
2	Anticancer activity of the iron facilitator LS081. *Journal of Experimental and Clinical Cancer Research* , **2011**, 30, 34	12.8	8
1	High through-Put Screening of Chemicals That Stimulate Iron Uptake: A Novel Approach to Discovery of Anti-Cancer Drugs. *Blood*, **2008**, 112, 5028-5028	2.2	