

Zhen Li

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.

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	pH-Controlled Hydrogen Sulfide Release for Myocardial Ischemia-Reperfusion Injury. <i>Journal of the American Chemical Society</i> , 2016 , 138, 6336-9	16.4	149
24	A novel hydrogen sulfide prodrug, SG1002, promotes hydrogen sulfide and nitric oxide bioavailability in heart failure patients. <i>Cardiovascular Therapeutics</i> , 2015 , 33, 216-26	3.3	84
23	Design, Synthesis, and Cardioprotective Effects of N-Mercapto-Based Hydrogen Sulfide Donors. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 7501-11	8.3	63
22	Evolution of Hydrogen Sulfide Therapeutics to Treat Cardiovascular Disease. <i>Circulation Research</i> , 2018 , 123, 590-600	15.7	59
21	An Esterase-Sensitive Prodrug Approach for Controllable Delivery of Persulfide Species. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11749-11753	16.4	57
20	Renal Denervation Prevents Heart Failure Progression Via Inhibition of the Renin-Angiotensin System. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 2609-2621	15.1	48
19	Renal Sympathetic Denervation Protects the Failing Heart Via Inhibition of Neprilysin Activity in the Kidney. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 2139-2153	15.1	43
18	Nonlethal Inhibition of Gut Microbial Trimethylamine N-oxide Production Improves Cardiac Function and Remodeling in a Murine Model of Heart Failure. <i>Journal of the American Heart Association</i> , 2020 , 9, e016223	6	30
17	Combined Angiotensin Receptor-Neprilysin Inhibitors Improve Cardiac and Vascular Function Via Increased NO Bioavailability in Heart Failure. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	26
16	Cardiovascular phenotype of mice lacking 3-mercaptopyruvate sulfurtransferase. <i>Biochemical Pharmacology</i> , 2020 , 176, 113833	6	23
15	Hydrogen Sulfide Attenuates Renin-Angiotensin and Aldosterone Pathological Signaling to Preserve Kidney Function and Improve Exercise Tolerance in Heart Failure. <i>JACC Basic To Translational Science</i> , 2018 , 3, 796-809	8.7	19
14	Hydrogen Sulfide Ameliorates Homocysteine-Induced Cardiac Remodeling and Dysfunction. <i>Frontiers in Physiology</i> , 2019 , 10, 598	4.6	18
13	Global knockout of ROMK potassium channel worsens cardiac ischemia-reperfusion injury but cardiomyocyte-specific knockout does not: Implications for the identity of mitoKATP. <i>Journal of Molecular and Cellular Cardiology</i> , 2020 , 139, 176-189	5.8	15
12	An Esterase-Sensitive Prodrug Approach for Controllable Delivery of Persulfide Species. <i>Angewandte Chemie</i> , 2017 , 129, 11911-11915	3.6	15
11	Endothelial Cell Cystathionine γ -Lyase Expression Level Modulates Exercise Capacity, Vascular Function, and Myocardial Ischemia Reperfusion Injury. <i>Journal of the American Heart Association</i> , 2020 , 9, e017544	6	15
10	Effects of a novel hydrogen sulfide prodrug in a porcine model of acute limb ischemia. <i>Journal of Vascular Surgery</i> , 2019 , 69, 1924-1935	3.5	15
9	A novel mtDNA repair fusion protein attenuates maladaptive remodeling and preserves cardiac function in heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 314, H311-H321	5.2	12

8	Nebivolol Acts as a S-Nitrosoglutathione Reductase Inhibitor: A New Mechanism of Action. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2016 , 21, 478-85	2.6	9
7	A novel fibroblast activation inhibitor attenuates left ventricular remodeling and preserves cardiac function in heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 315, H563-H570	5.2	9
6	Slow generation of hydrogen sulfide from sulfane sulfurs and NADH models. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 542-545	2.9	8
5	Anticancer activity of the iron facilitator LS081. <i>Journal of Experimental and Clinical Cancer Research</i> , 2011 , 30, 34	12.8	8
4	Novel Göttingen Miniswine Model of Heart Failure With Preserved Ejection Fraction Integrating Multiple Comorbidities. <i>JACC Basic To Translational Science</i> , 2021 , 6, 154-170	8.7	8
3	Repeated cell transplantation and adjunct renal denervation in ischemic heart failure: exploring modalities for improving cell therapy efficacy. <i>Basic Research in Cardiology</i> , 2019 , 114, 9	11.8	5
2	Hydrogen Sulfide as a Potential Therapy for Heart Failure-Past, Present, and Future. <i>Antioxidants</i> , 2021 , 10,	7.1	5
1	High through-Put Screening of Chemicals That Stimulate Iron Uptake: A Novel Approach to Discovery of Anti-Cancer Drugs. <i>Blood</i> , 2008 , 112, 5028-5028	2.2	