

Jingwen 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.

21
papers

296
citations

8
h-index

17
g-index

22
ext. papers

459
ext. citations

6.6
avg, IF

3.57
L-index

#	Paper	IF	Citations
21	Endogenous hydrogen peroxide can efficiently regulate CRISPR-Cas9 based gene editing. <i>New Journal of Chemistry</i> , 2022 , 46, 2472-2477	3.6	
20	Koehne in Sichuan, China: Recorded History as a Medicine and Food, Modern Applications, Distribution, and Ethnobotanical Investigations.. <i>Frontiers in Pharmacology</i> , 2022 , 13, 826712	5.6	
19	A paradoxical role for sestrin 2 protein in tumor suppression and tumorigenesis. <i>Cancer Cell International</i> , 2021 , 21, 606	6.4	1
18	Alterations in mitochondrial dynamics with age-related Sirtuin1/Sirtuin3 deficiency impair cardiomyocyte contractility. <i>Aging Cell</i> , 2021 , 20, e13419	9.9	6
17	Sestrin2 maintains OXPHOS integrity to modulate cardiac substrate metabolism during ischemia and reperfusion. <i>Redox Biology</i> , 2021 , 38, 101824	11.3	7
16	Recent synthesis of functionalized s-tetrazines and their application in ligation reactions under physiological conditions: a concise overview. <i>Catalysis Reviews - Science and Engineering</i> , 2020 , 62, 524-565	12.6	4
15	The Assessment of Interleukin-18 on the Risk of Coronary Heart Disease. <i>Medicinal Chemistry</i> , 2020 , 16, 626-634	1.8	8
14	Sestrin2 modulates cardiac inflammatory response through maintaining redox homeostasis during ischemia and reperfusion. <i>Redox Biology</i> , 2020 , 34, 101556	11.3	13
13	Empagliflozin attenuates ischemia and reperfusion injury through LKB1/AMPK signaling pathway. <i>Molecular and Cellular Endocrinology</i> , 2020 , 501, 110642	4.4	30
12	Substrate metabolism regulated by Sestrin2-mTORC1 alleviates pressure overload-induced cardiac hypertrophy in aged heart. <i>Redox Biology</i> , 2020 , 36, 101637	11.3	8
11	SIRT1/SIRT3 Modulates Redox Homeostasis during Ischemia/Reperfusion in the Aging Heart. <i>Antioxidants</i> , 2020 , 9,	7.1	16
10	SIRT1 agonism modulates cardiac NLRP3 inflammasome through pyruvate dehydrogenase during ischemia and reperfusion. <i>Redox Biology</i> , 2020 , 34, 101538	11.3	38
9	Empagliflozin Ameliorates Obesity-Related Cardiac Dysfunction by Regulating Sestrin2-Mediated AMPK-mTOR Signaling and Redox Homeostasis in High-Fat Diet-Induced Obese Mice. <i>Diabetes</i> , 2020 , 69, 1292-1305	0.9	46
8	Pyrazolo[1,5-a]pyrimidine TRPC6 antagonists for the treatment of gastric cancer. <i>Cancer Letters</i> , 2018 , 432, 47-55	9.9	29
7	Design, synthesis and biological activities of quinazoline containing sorafenib analogs as antitumor agents. <i>Wuhan University Journal of Natural Sciences</i> , 2017 , 22, 239-246	0.4	1
6	Design and Discovery of Quinazoline- and Thiourea-Containing Sorafenib Analogs as EGFR and VEGFR-2 Dual TK Inhibitors. <i>Molecules</i> , 2017 , 23,	4.8	18
5	Lx2-32c, a novel semi-synthetic taxane, exerts antitumor activity against prostate cancer cells and. <i>Acta Pharmaceutica Sinica B</i> , 2017 , 7, 52-58	15.5	57

4	Novel nonplanar and rigid fluorophores with intensive emission in water and the application in two-photon imaging of live cells. <i>RSC Advances</i> , 2016 , 6, 71624-71627	3-7	5
3	One small molecule as a theranostic agent: naphthalimide dye for subcellular fluorescence localization and photodynamic therapy in vivo. <i>MedChemComm</i> , 2016 , 7, 1171-1175	5	8
2	Ameliorative effect of ginsenoside RT-5 on CDDP-induced nephrotoxicity. <i>Wuhan University Journal of Natural Sciences</i> , 2015 , 20, 343-349	0-4	1
1	Reactive oxygen signaling molecule inducible regulation of CRISPR-Cas9 gene editing. <i>Cell Biology and Toxicology</i> ,	7-4	