

# Jingwen Zhang

## List of Publications by Year in descending order

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22  
papers

617  
citations

840585

11  
h-index

794469

19  
g-index

22  
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22  
docs citations

22  
times ranked

809  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive oxygen signaling molecule inducible regulation of CRISPR-Cas9 gene editing. <i>Cell Biology and Toxicology</i> , 2023, 39, 2421-2429.	2.4	1
2	Endogenous hydrogen peroxide can efficiently regulate CRISPR-Cas9 based gene editing. <i>New Journal of Chemistry</i> , 2022, 46, 2472-2477.	1.4	0
3	<i>Prunus mira</i> 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.	1.6	2
4	Sestrin2 maintains OXPHOS integrity to modulate cardiac substrate metabolism during ischemia and reperfusion. <i>Redox Biology</i> , 2021, 38, 101824.	3.9	15
5	Alterations in mitochondrial dynamics with age-related Sirtuin1/Sirtuin3 deficiency impair cardiomyocyte contractility. <i>Aging Cell</i> , 2021, 20, e13419.	3.0	44
6	A paradoxical role for sestrin 2 protein in tumor suppression and tumorigenesis. <i>Cancer Cell International</i> , 2021, 21, 606.	1.8	11
7	Empagliflozin attenuates ischemia and reperfusion injury through LKB1/AMPK signaling pathway. <i>Molecular and Cellular Endocrinology</i> , 2020, 501, 110642.	1.6	67
8	Substrate metabolism regulated by Sestrin2-mTORC1 alleviates pressure overload-induced cardiac hypertrophy in aged heart. <i>Redox Biology</i> , 2020, 36, 101637.	3.9	14
9	SIRT1/SIRT3 Modulates Redox Homeostasis during Ischemia/Reperfusion in the Aging Heart. <i>Antioxidants</i> , 2020, 9, 858.	2.2	33
10	Recent synthesis of functionalized <i>s</i> -tetrazines and their application in ligation reactions under physiological conditions: a concise overview. <i>Catalysis Reviews - Science and Engineering</i> , 2020, 62, 524-565.	5.7	9
11	SIRT1 agonism modulates cardiac NLRP3 inflammasome through pyruvate dehydrogenase during ischemia and reperfusion. <i>Redox Biology</i> , 2020, 34, 101538.	3.9	82
12	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.	0.3	121
13	Sestrin2 modulates cardiac inflammatory response through maintaining redox homeostasis during ischemia and reperfusion. <i>Redox Biology</i> , 2020, 34, 101556.	3.9	30
14	The Assessment of Interleukin-18 on the Risk of Coronary Heart Disease. <i>Medicinal Chemistry</i> , 2020, 16, 626-634.	0.7	11
15	Design and Discovery of Quinazoline- and Thiourea-Containing Sorafenib Analogs as EGFR and VEGFR-2 Dual TK Inhibitors. <i>Molecules</i> , 2018, 23, 24.	1.7	38
16	Pyrazolo[1,5-a]pyrimidine TRPC6 antagonists for the treatment of gastric cancer. <i>Cancer Letters</i> , 2018, 432, 47-55.	3.2	45
17	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.	0.2	1
18	Lx2-32c, a novel semi-synthetic taxane, exerts antitumor activity against prostate cancer cells in vitro and in vivo. <i>Acta Pharmaceutica Sinica B</i> , 2017, 7, 52-58.	5.7	62

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19	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.	3.5	11
20	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.	1.7	7
21	Ameliorative effect of ginsenoside RT-5 on CDDP-induced nephrotoxicity. <i>Wuhan University Journal of Natural Sciences</i> , 2015, 20, 343-349.	0.2	2
22	Empagliflozin Attenuates Obesity-Related Kidney Dysfunction and NLRP3 Inflammasome Activity Through the HO-1/Adiponectin Axis. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	11