Jingwen Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5298025/publications.pdf

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22	617	840119 11	794141 19
papers	citations	h-index	g-index

22	22	22	809
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Empagliflozin Ameliorates Obesity-Related Cardiac Dysfunction by Regulating Sestrin2-Mediated AMPK-mTOR Signaling and Redox Homeostasis in High-Fat Dietâ€“Induced Obese Mice. Diabetes, 2020, 69, 1292-1305.	0.3	121
2	SIRT1 agonism modulates cardiac NLRP3 inflammasome through pyruvate dehydrogenase during ischemia and reperfusion. Redox Biology, 2020, 34, 101538.	3.9	82
3	Empagliflozin attenuates ischemia and reperfusion injury through LKB1/AMPK signaling pathway. Molecular and Cellular Endocrinology, 2020, 501, 110642.	1.6	67
4	Lx2-32c, a novel semi-synthetic taxane, exerts antitumor activity against prostate cancer cells in vitro and in vivo. Acta Pharmaceutica Sinica B, 2017, 7, 52-58.	5.7	62
5	Pyrazolo[1,5-a]pyrimidine TRPC6 antagonists for the treatment of gastric cancer. Cancer Letters, 2018, 432, 47-55.	3.2	45
6	Alterations in mitochondrial dynamics with ageâ€related Sirtuin1/Sirtuin3 deficiency impair cardiomyocyte contractility. Aging Cell, 2021, 20, e13419.	3.0	44
7	Design and Discovery of Quinazoline- and Thiourea-Containing Sorafenib Analogs as EGFR and VEGFR-2 Dual TK Inhibitors. Molecules, 2018, 23, 24.	1.7	38
8	SIRT1/SIRT3 Modulates Redox Homeostasis during Ischemia/Reperfusion in the Aging Heart. Antioxidants, 2020, 9, 858.	2.2	33
9	Sestrin2 modulates cardiac inflammatory response through maintaining redox homeostasis during ischemia and reperfusion. Redox Biology, 2020, 34, 101556.	3.9	30
10	Sestrin2 maintains OXPHOS integrity to modulate cardiac substrate metabolism during ischemia and reperfusion. Redox Biology, 2021, 38, 101824.	3.9	15
11	Substrate metabolism regulated by Sestrin2â€“mTORC1 alleviates pressure overload-induced cardiac hypertrophy in aged heart. Redox Biology, 2020, 36, 101637.	3.9	14
12	One small molecule as a theranostic agent: naphthalimide dye for subcellular fluorescence localization and photodynamic therapy in vivo. MedChemComm, 2016, 7, 1171-1175.	3.5	11
13	The Assessment of Interleukin-18 on the Risk of Coronary Heart Disease. Medicinal Chemistry, 2020, 16, 626-634.	0.7	11
14	A paradoxical role for sestrin 2 protein in tumor suppression and tumorigenesis. Cancer Cell International, 2021, 21, 606.	1.8	11
15	Empagliflozin Attenuates Obesity-Related Kidney Dysfunction and NLRP3 Inflammasome Activity Through the HO-1â€“Adiponectin Axis. Frontiers in Endocrinology, 0, 13, .	1.5	11
16	Recent synthesis of functionalized s-tetrazines and their application in ligation reactions under physiological conditions: a concise overview. Catalysis Reviews - Science and Engineering, 2020, 62, 524-565.	5.7	9
17	Novel nonplanar and rigid fluorophores with intensive emission in water and the application in two-photon imaging of live cells. RSC Advances, 2016, 6, 71624-71627.	1.7	7
18	Ameliorative effect of ginsenoside RT-5 on CDDP-induced nephrotoxicity. Wuhan University Journal of Natural Sciences, 2015, 20, 343-349.	0.2	2

#	Article	IF	Citations
19	Prunus mira Koehne in Sichuan, China: Recorded History as a Medicine and Food, Modern Applications, Distribution, and Ethnobotanical Investigations. Frontiers in Pharmacology, 2022, 13, 826712.	1.6	2
20	Design, synthesis and biological activities of quinazoline containing sorafenib analogs as antitumor agents. Wuhan University Journal of Natural Sciences, 2017, 22, 239-246.	0.2	1
21	Reactive oxygen signaling molecule inducible regulation of CRISPR-Cas9 gene editing. Cell Biology and Toxicology, 2023, 39, 2421-2429.	2.4	1
22	Endogenous hydrogen peroxide can efficiently regulate CRISPR-Cas9 based gene editing. New Journal of Chemistry, 2022, 46, 2472-2477.	1.4	0