Youwei Zhang

List of Publications by Year
in descending order

		516710	501196
27	1,082	16	28
papers	citations	h-index	g-index

30	30	30	1838
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemical screen identifies shikonin as a broad DNA damage response inhibitor that enhances chemotherapy through inhibiting ATM and ATR. Acta Pharmaceutica Sinica B, 2022, 12, 1339-1350.	12.0	13
2	Synthesis of sorbicillinoid analogues with anti-inflammation activities. Bioorganic and Medicinal Chemistry, 2022, 54, 116589.	3.0	3
3	53BP1 regulates heterochromatin through liquid phase separation. Nature Communications, 2022, 13, 360.	12.8	46
4	Isolation and Characterization of Antiâ€Inflammatory Sorbicillinoids from the Mangroveâ€Derived Fungus Penicillium sp. DM815. Chemistry and Biodiversity, 2021, 18, e2100229.	2.1	5
5	MYO10 drives genomic instability and inflammation in cancer. Science Advances, 2021, 7, eabg6908.	10.3	15
6	Adaptive translational pausing is a hallmark of the cellular response to severe environmental stress. Molecular Cell, 2021, 81, 4191-4208.e8.	9.7	18
7	Targeting UHRF1-dependent DNA repair selectively sensitizes KRAS mutant lung cancer to chemotherapy. Cancer Letters, 2020, 493, 80-90.	7.2	14
8	Cardiac glycosides inhibit cancer through Na/K-ATPase-dependent cell death induction. Biochemical Pharmacology, 2020, 182, 114226.	4.4	16
9	Shikonin Inhibits Cancer Through P21 Upregulation and Apoptosis Induction. Frontiers in Pharmacology, 2020, 11, 861.	3.5	36
10	GOLT1A-KISS1 fusion is associated with metastasis in adenoid cystic carcinomas. Biochemical and Biophysical Research Communications, 2020, 526, 70-77.	2.1	3
11	Protein phosphatase 2A controls ongoing DNA replication by binding to and regulating cell division cycle 45 (CDC45). Journal of Biological Chemistry, 2019, 294, 17043-17059.	3.4	11
12	Coumarin Analogues from the Citrus grandis (L.) Osbeck and Their Hepatoprotective Activity. Journal of Agricultural and Food Chemistry, 2019, 67, 1937-1947.	5.2	34
13	Synthesis, biological function and evaluation of Shikonin in cancer therapy. FÃ¬toterapÃ¬Ã¢, 2019, 134, 329-339.	2.2	88
14	New spirobisnaphthalenes from an endolichenic fungus strain CGMCC 3.15192 and their anticancer effects through the P53â€“P21 pathway. RSC Advances, 2019, 9, 39082-39089.	3.6	6
15	Harmines inhibit cancer cell growth through coordinated activation of apoptosis and inhibition of autophagy. Biochemical and Biophysical Research Communications, 2018, 498, 99-104.	2.1	21
16	Caffeine Protects Skin from Oxidative Stress-Induced Senescence through the Activation of Autophagy. Theranostics, 2018, 8, 5713-5730.	10.0	116
17	Regulatory cross-talk determines the cellular levels of 53BP1 protein, a critical factor in DNA repair. Journal of Biological Chemistry, 2017, 292, 5992-6003.	3.4	22
18	Conformational Change of Human Checkpoint Kinase 1 (Chk1) Induced by DNA Damage. Journal of Biological Chemistry, 2016, 291, 12951-12959.	3.4	18

#	Article	IF	Citations
19	Inhibition of uracil DNA glycosylase sensitizes cancer cells to 5-fluorodeoxyuridine through replication fork collapse-induced DNA damage. Oncotarget, 2016, 7, 59299-59313.	1.8	21
20	Phosphorylation of Minichromosome Maintenance 3 (MCM3) by Checkpoint Kinase 1 (Chk1) Negatively Regulates DNA Replication and Checkpoint Activation. Journal of Biological Chemistry, 2015, 290, 12370-12378.	3.4	28
21	The Interaction between Checkpoint Kinase 1 (Chk1) and the Minichromosome Maintenance (MCM) Complex Is Required for DNA Damage-induced Chk1 Phosphorylation. Journal of Biological Chemistry, 2014, 289, 24716-24723.	3.4	19
22	UbcH7 regulates 53BP1 stability and DSB repair. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17456-17461.	7.1	38
23	Roles of Chk1 in cell biology and cancer therapy. International Journal of Cancer, 2014, 134, 1013-1023.	5.1	341
24	Autoregulatory Mechanisms of Phosphorylation of Checkpoint Kinase 1. Cancer Research, 2012, 72, 3786-3794.	0.9	26
25	Coupling Cellular Localization and Function of Checkpoint Kinase 1 (Chk1) in Checkpoints and Cell Viability. Journal of Biological Chemistry, 2012, 287, 25501-25509.	3.4	34
26	A new in vitro system for activating the cell cycle checkpoint. Cell Cycle, 2011, 10, 500-506.	2.6	16
27	Targeting the checkpoint kinase Chk1 in cancer therapy. Cell Cycle, 2010, 9, 279-283.	2.6	70