

Youwei Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,082
citations

516710

16
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

1838
citing authors

#	ARTICLE	IF	CITATIONS
1	Roles of Chk1 in cell biology and cancer therapy. <i>International Journal of Cancer</i> , 2014, 134, 1013-1023.	5.1	341
2	Caffeine Protects Skin from Oxidative Stress-Induced Senescence through the Activation of Autophagy. <i>Theranostics</i> , 2018, 8, 5713-5730.	10.0	116
3	Synthesis, biological function and evaluation of Shikonin in cancer therapy. <i>F3-toterap3-t</i> , 2019, 134, 329-339.	2.2	88
4	Targeting the checkpoint kinase Chk1 in cancer therapy. <i>Cell Cycle</i> , 2010, 9, 279-283.	2.6	70
5	53BP1 regulates heterochromatin through liquid phase separation. <i>Nature Communications</i> , 2022, 13, 360.	12.8	46
6	UbcH7 regulates 53BP1 stability and DSB repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17456-17461.	7.1	38
7	Shikonin Inhibits Cancer Through P21 Upregulation and Apoptosis Induction. <i>Frontiers in Pharmacology</i> , 2020, 11, 861.	3.5	36
8	Coupling Cellular Localization and Function of Checkpoint Kinase 1 (Chk1) in Checkpoints and Cell Viability. <i>Journal of Biological Chemistry</i> , 2012, 287, 25501-25509.	3.4	34
9	Coumarin Analogues from the <i>Citrus grandis</i> (L.) Osbeck and Their Hepatoprotective Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 1937-1947.	5.2	34
10	Phosphorylation of Minichromosome Maintenance 3 (MCM3) by Checkpoint Kinase 1 (Chk1) Negatively Regulates DNA Replication and Checkpoint Activation. <i>Journal of Biological Chemistry</i> , 2015, 290, 12370-12378.	3.4	28
11	Autoregulatory Mechanisms of Phosphorylation of Checkpoint Kinase 1. <i>Cancer Research</i> , 2012, 72, 3786-3794.	0.9	26
12	Regulatory cross-talk determines the cellular levels of 53BP1 protein, a critical factor in DNA repair. <i>Journal of Biological Chemistry</i> , 2017, 292, 5992-6003.	3.4	22
13	Harmine inhibits cancer cell growth through coordinated activation of apoptosis and inhibition of autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2018, 498, 99-104.	2.1	21
14	Inhibition of uracil DNA glycosylase sensitizes cancer cells to 5-fluorodeoxyuridine through replication fork collapse-induced DNA damage. <i>Oncotarget</i> , 2016, 7, 59299-59313.	1.8	21
15	The Interaction between Checkpoint Kinase 1 (Chk1) and the Minichromosome Maintenance (MCM) Complex Is Required for DNA Damage-induced Chk1 Phosphorylation. <i>Journal of Biological Chemistry</i> , 2014, 289, 24716-24723.	3.4	19
16	Conformational Change of Human Checkpoint Kinase 1 (Chk1) Induced by DNA Damage. <i>Journal of Biological Chemistry</i> , 2016, 291, 12951-12959.	3.4	18
17	Adaptive translational pausing is a hallmark of the cellular response to severe environmental stress. <i>Molecular Cell</i> , 2021, 81, 4191-4208.e8.	9.7	18
18	A new in vitro system for activating the cell cycle checkpoint. <i>Cell Cycle</i> , 2011, 10, 500-506.	2.6	16

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19	Cardiac glycosides inhibit cancer through Na/K-ATPase-dependent cell death induction. <i>Biochemical Pharmacology</i> , 2020, 182, 114226.	4.4	16
20	MYO10 drives genomic instability and inflammation in cancer. <i>Science Advances</i> , 2021, 7, eabg6908.	10.3	15
21	Targeting UHRF1-dependent DNA repair selectively sensitizes KRAS mutant lung cancer to chemotherapy. <i>Cancer Letters</i> , 2020, 493, 80-90.	7.2	14
22	Chemical screen identifies shikonin as a broad DNA damage response inhibitor that enhances chemotherapy through inhibiting ATM and ATR. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1339-1350.	12.0	13
23	Protein phosphatase 2A controls ongoing DNA replication by binding to and regulating cell division cycle 45 (CDC45). <i>Journal of Biological Chemistry</i> , 2019, 294, 17043-17059.	3.4	11
24	New spirobisanaphthalenes from an endolichenic fungus strain CGMCC 3.15192 and their anticancer effects through the P53â€‘P21 pathway. <i>RSC Advances</i> , 2019, 9, 39082-39089.	3.6	6
25	Isolation and Characterization of Anti-inflammatory Sorbicillinoids from the Mangroveâ€‘Derived Fungus <i>Penicillium</i> sp. DM815. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100229.	2.1	5
26	GOLT1A-KISS1 fusion is associated with metastasis in adenoid cystic carcinomas. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 70-77.	2.1	3
27	Synthesis of sorbicillinoid analogues with anti-inflammation activities. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 54, 116589.	3.0	3