Xin Chen

List of Publications by Year in descending order

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46 papers	6,814 citations	185998 28 h-index	223531 46 g-index
46 all docs	46 docs citations	46 times ranked	3569 citing authors

#	Article	IF	Citations
1	Identification of HPCAL1 as a specific autophagy receptor involved in ferroptosis. Autophagy, 2023, 19, 54-74.	4.3	44
2	Cuproptosis: a copper-triggered modality of mitochondrial cell death. Cell Research, 2022, 32, 417-418.	5.7	346
3	Regulation and function of autophagy in pancreatic cancer. Autophagy, 2021, 17, 3275-3296.	4.3	89
4	Ferroptosis: machinery and regulation. Autophagy, 2021, 17, 2054-2081.	4.3	765
5	Ferroptosis: molecular mechanisms and health implications. Cell Research, 2021, 31, 107-125.	5.7	1,406
6	Repurposing old drugs as new inhibitors of the ubiquitin-proteasome pathway for cancer treatment. Seminars in Cancer Biology, 2021, 68, 105-122.	4.3	27
7	Broadening horizons: the role of ferroptosis in cancer. Nature Reviews Clinical Oncology, 2021, 18, 280-296.	12.5	1,216
8	Tumor heterogeneity in autophagy-dependent ferroptosis. Autophagy, 2021, 17, 3361-3374.	4.3	116
9	Characteristics and Biomarkers of Ferroptosis. Frontiers in Cell and Developmental Biology, 2021, 9, 637162.	1.8	199
10	PDK4 dictates metabolic resistance to ferroptosis by suppressing pyruvate oxidation and fatty acid synthesis. Cell Reports, 2021, 34, 108767.	2.9	112
11	Ferroptosis by Lipid Peroxidation: The Tip of the Iceberg?. Frontiers in Cell and Developmental Biology, 2021, 9, 646890.	1.8	19
12	Targeting Ubiquitinâ€“Proteasome System With Copper Complexes for Cancer Therapy. Frontiers in Molecular Biosciences, 2021, 8, 649151.	1.6	24
13	The dual role of ferroptosis in pancreatic cancer: a narrative review. Journal of Pancreatology, 2021, 4, 76-81.	0.3	6
14	Ferroptosis in infection, inflammation, and immunity. Journal of Experimental Medicine, 2021, 218, .	4.2	298
15	Cullin 2â€RBX1 E3 ligase and USP2 regulate antithrombin ubiquitination and stability. FASEB Journal, 2021, 35, e21800.	0.2	3
16	Cell death in pancreatic cancer: from pathogenesis to therapy. Nature Reviews Gastroenterology and Hepatology, 2021, 18, 804-823.	8.2	156
17	Pathological Significance and Prognostic Roles of Indirect Bilirubin/Albumin Ratio in Hepatic Encephalopathy. Frontiers in Medicine, 2021, 8, 706407.	1.2	4
18	Organelle-specific regulation of ferroptosis. Cell Death and Differentiation, 2021, 28, 2843-2856.	5.0	138

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19	Regulation of Bax-dependent apoptosis by mitochondrial deubiquitinase USP30. Cell Death Discovery, 2021, 7, 211.	2.0	8
20	Targeting ferroptosis in pancreatic cancer: a double-edged sword. Trends in Cancer, 2021, 7, 891-901.	3.8	78
21	Cellular degradation systems in ferroptosis. Cell Death and Differentiation, 2021, 28, 1135-1148.	5.0	283
22	The role of ferroptosis in lung cancer. Biomarker Research, 2021, 9, 82.	2.8	41
23	Pharmacological characterization of a novel metal-based proteasome inhibitor Na-AuPT for cancer treatment. Acta Pharmacologica Sinica, 2021, , .	2.8	1
24	Iron Metabolism in Ferroptosis. Frontiers in Cell and Developmental Biology, 2020, 8, 590226.	1.8	408
25	Transcription factors in ferroptotic cell death. Cancer Gene Therapy, 2020, 27, 645-656.	2.2	141
26	Broad Spectrum Deubiquitinase Inhibition Induces Both Apoptosis and Ferroptosis in Cancer Cells. Frontiers in Oncology, 2020, 10, 949.	1.3	60
27	Autophagy Induced by Proteasomal DUB Inhibitor NiPT Restricts NiPT-Mediated Cancer Cell Death. Frontiers in Oncology, 2020, 10, 348.	1.3	8
28	Cadmium pyrithione suppresses tumor growth in vitro and in vivo through inhibition of proteasomal deubiquitinase. BioMetals, 2018, 31, 29-43.	1.8	9
29	Inhibition of Proteasomal Deubiquitinase by Silver Complex Induces Apoptosis in Non-Small Cell Lung Cancer Cells. Cellular Physiology and Biochemistry, 2018, 49, 780-797.	1.1	20
30	Bilirubin neurotoxicity is associated with proteasome inhibition. Cell Death and Disease, 2017, 8, e2877-e2877.	2.7	28
31	Metal-based proteasomal deubiquitinase inhibitors as potential anticancer agents. Cancer and Metastasis Reviews, 2017, 36, 655-668.	2.7	40
32	Hinokitiol copper complex inhibits proteasomal deubiquitination and induces paraptosis-like cell death in human cancer cells. European Journal of Pharmacology, 2017, 815, 147-155.	1.7	39
33	Platinum pyrithione induces apoptosis in chronic myeloid leukemia cells resistant to imatinib via DUB inhibition-dependent caspase activation and Bcr-Abl downregulation. Cell Death and Disease, 2017, 8, e2913-e2913.	2.7	20
34	Repurposing an antidandruff agent to treating cancer: zinc pyrithione inhibits tumor growth via targeting proteasome-associated deubiquitinases. Oncotarget, 2017, 8, 13942-13956.	0.8	25
35	Platinum-containing compound platinum pyrithione is stronger and safer than cisplatin in cancer therapy. Biochemical Pharmacology, 2016, 116, 22-38.	2.0	33
36	A microRNA-mediated decrease in eukaryotic initiation factor 2Î± promotes cell survival during PS-341 treatment. Scientific Reports, 2016, 6, 21565.	1.6	23

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37	Nickel pyrithione induces apoptosis in chronic myeloid leukemia cells resistant to imatinib via both Bcr/Abl-dependent and Bcr/Abl-independent mechanisms. Journal of Hematology and Oncology, 2016, 9, 129.	6.9	19
38	A novel nickel complex works as a proteasomal deubiquitinase inhibitor for cancer therapy. Oncogene, 2016, 35, 5916-5927.	2.6	52
39	Two clinical drugs deubiquitinase inhibitor auranofin and aldehyde dehydrogenase inhibitor disulfiram trigger synergistic anti-tumor effects in vitro and in vivo. Oncotarget, 2016, 7, 2796-2808.	0.8	57
40	Gambogic acid induces apoptosis in diffuse large B-cell lymphoma cells via inducing proteasome inhibition. Scientific Reports, 2015, 5, 9694.	1.6	21
41	Novel use of old drug: Anti-rheumatic agent auranofin overcomes imatinib-resistance of chronic myeloid leukemia cells. Cancer Cell & Microenvironment, 2015, 1, .	0.8	8
42	Gambogic Acid Induces Apoptosis in Imatinib-Resistant Chronic Myeloid Leukemia Cells via Inducing Proteasome Inhibition and Caspase-Dependent Bcr-Abl Downregulation. Clinical Cancer Research, 2014, 20, 151-163.	3.2	116
43	Anacardic acid induces cell apoptosis associated with induction of ATF4-dependent endoplasmic reticulum stress. Toxicology Letters, 2014, 228, 170-178.	0.4	38
44	A novel proteasome inhibitor suppresses tumor growth via targeting both 19S proteasome deubiquitinases and 20S proteolytic peptidases. Scientific Reports, 2014, 4, 5240.	1.6	60
45	Clinically used antirheumatic agent auranofin is a proteasomal deubiquitinase inhibitor and inhibits tumor growth. Oncotarget, 2014, 5, 5453-5471.	0.8	139
46	Anti-rheumatic agent auranofin induced apoptosis in chronic myeloid leukemia cells resistant to imatinib through both Bcr/Abl-dependent and -independent mechanisms. Oncotarget, 2014, 5, 9118-9132.	0.8	71