

Xuejun Jiang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9603160/publications.pdf>

Version: 2024-02-01

45
papers

18,758
citations

126907

33
h-index

233421

45
g-index

47
all docs

47
docs citations

47
times ranked

22105
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferroptosis: A Regulated Cell Death Nexus Linking Metabolism, Redox Biology, and Disease. <i>Cell</i> , 2017, 171, 273-285.	28.9	4,081
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Ferroptosis: mechanisms, biology and role in disease. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 266-282.	37.0	2,178
4	Glutaminolysis and Transferrin Regulate Ferroptosis. <i>Molecular Cell</i> , 2015, 59, 298-308.	9.7	1,252
5	Cytochrome <i>c</i> -Mediated Apoptosis. <i>Annual Review of Biochemistry</i> , 2004, 73, 87-106.	11.1	1,217
6	Ferroptosis is an autophagic cell death process. <i>Cell Research</i> , 2016, 26, 1021-1032.	12.0	1,073
7	Role of Mitochondria in Ferroptosis. <i>Molecular Cell</i> , 2019, 73, 354-363.e3.	9.7	1,050
8	Emerging Mechanisms and Disease Relevance of Ferroptosis. <i>Trends in Cell Biology</i> , 2020, 30, 478-490.	7.9	624
9	Intercellular interaction dictates cancer cell ferroptosis via NF- κ B-YAP signalling. <i>Nature</i> , 2019, 572, 402-406.	27.8	617
10	Ultrasmall nanoparticles induce ferroptosis in nutrient-deprived cancer cells and suppress tumour growth. <i>Nature Nanotechnology</i> , 2016, 11, 977-985.	31.5	467
11	Oncogenic activation of PI3K-AKT-mTOR signaling suppresses ferroptosis via SREBP-mediated lipogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31189-31197.	7.1	423
12	Artemisinin compounds sensitize cancer cells to ferroptosis by regulating iron homeostasis. <i>Cell Death and Differentiation</i> , 2020, 27, 242-254.	11.2	269
13	Ferroptosis at the intersection of lipid metabolism and cellular signaling. <i>Molecular Cell</i> , 2022, 82, 2215-2227.	9.7	228
14	Direct activation of RIP3/MLKL-dependent necrosis by herpes simplex virus 1 (HSV-1) protein ICP6 triggers host antiviral defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15438-15443.	7.1	199
15	Regulation of autophagy by coordinated action of mTORC1 and protein phosphatase 2A. <i>Nature Communications</i> , 2015, 6, 8048.	12.8	188
16	iPLA2 γ -mediated lipid detoxification controls p53-driven ferroptosis independent of GPX4. <i>Nature Communications</i> , 2021, 12, 3644.	12.8	153
17	A Physiological Function for Ferroptosis in Tumor Suppression by the Immune System. <i>Cell Metabolism</i> , 2019, 30, 14-15.	16.2	147
18	Tumor Microenvironment-Derived NRG1 Promotes Antiandrogen Resistance in Prostate Cancer. <i>Cancer Cell</i> , 2020, 38, 279-296.e9.	16.8	135

#	ARTICLE	IF	CITATIONS
19	PTEN is a protein tyrosine phosphatase for IRS1. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 522-527.	8.2	116
20	To eat or not to eat – the metabolic flavor of ferroptosis. <i>Current Opinion in Cell Biology</i> , 2018, 51, 58-64.	5.4	109
21	Stem Cell Factor SOX2 Confers Ferroptosis Resistance in Lung Cancer via Upregulation of SLC7A11. <i>Cancer Research</i> , 2021, 81, 5217-5229.	0.9	99
22	Suppression of autophagy impedes glioblastoma development and induces senescence. <i>Autophagy</i> , 2016, 12, 1431-1439.	9.1	89
23	Melatonin protects against cisplatin-induced ovarian damage in mice via the MT1 receptor and antioxidant activity. <i>Biology of Reproduction</i> , 2017, 96, 1244-1255.	2.7	83
24	TNF antagonist sensitizes synovial fibroblasts to ferroptotic cell death in collagen-induced arthritis mouse models. <i>Nature Communications</i> , 2022, 13, 676.	12.8	78
25	Bcl-xL promotes metastasis independent of its anti-apoptotic activity. <i>Nature Communications</i> , 2016, 7, 10384.	12.8	68
26	AMPK Promotes SPOP-Mediated NANOG Degradation to Regulate Prostate Cancer Cell Stemness. <i>Developmental Cell</i> , 2019, 48, 345-360.e7.	7.0	66
27	Mitochondrial NADP(H) generation is essential for proline biosynthesis. <i>Science</i> , 2021, 372, 968-972.	12.6	66
28	Targeting Autophagy Sensitizes BRAF-Mutant Thyroid Cancer to Vemurafenib. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 634-643.	3.6	62
29	Intrinsic lipid binding activity of <sc>ATG</sc> 16L1 supports efficient membrane anchoring and autophagy. <i>EMBO Journal</i> , 2019, 38, .	7.8	59
30	Functional Interaction of Phosphatase and Tensin Homologue (PTEN) with the E3 Ligase NEDD4-1 during Neuronal Response to Zinc. <i>Journal of Biological Chemistry</i> , 2010, 285, 9847-9857.	3.4	49
31	PINK1 Content in Mitochondria is Regulated by ER-Associated Degradation. <i>Journal of Neuroscience</i> , 2019, 39, 7074-7085.	3.6	41
32	Stimulation of ATG12-ATG5 Conjugation by Ribonucleic Acid. <i>Autophagy</i> , 2007, 3, 10-16.	9.1	40
33	The Ubiquitination of PINK1 Is Restricted to Its Mature 52-kDa Form. <i>Cell Reports</i> , 2017, 20, 30-39.	6.4	40
34	Sphingosine Interaction with Acidic Leucine-rich Nuclear Phosphoprotein-32A (ANP32A) Regulates PP2A Activity and Cyclooxygenase (COX)-2 Expression in Human Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 26825-26831.	3.4	36
35	Herpes Simplex Virus 1 (HSV-1) and HSV-2 Mediate Species-Specific Modulations of Programmed Necrosis through the Viral Ribonucleotide Reductase Large Subunit R1. <i>Journal of Virology</i> , 2016, 90, 1088-1095.	3.4	35
36	Enzymatic Analysis of PTEN Ubiquitylation by WWP2 and NEDD4-1 E3 Ligases. <i>Biochemistry</i> , 2016, 55, 3658-3666.	2.5	34

#	ARTICLE	IF	CITATIONS
37	Acetylation of p53 Protein at Lysine 120 Up-regulates Apaf-1 Protein and Sensitizes the Mitochondrial Apoptotic Pathway. <i>Journal of Biological Chemistry</i> , 2016, 291, 7386-7395.	3.4	31
38	CD31 Expression Determines Redox Status and Chemoresistance in Human Angiosarcomas. <i>Clinical Cancer Research</i> , 2018, 24, 460-473.	7.0	30
39	An N-terminal conserved region in human Atg3 couples membrane curvature sensitivity to conjugase activity during autophagy. <i>Nature Communications</i> , 2021, 12, 374.	12.8	26
40	Aiming at Cancer In Vivo: Ferroptosis-Inducer Delivered by Nanoparticles. <i>Cell Chemical Biology</i> , 2019, 26, 621-622.	5.2	25
41	Unc-51-like kinase (ULK) complex-independent autophagy induced by hypoxia. <i>Protein and Cell</i> , 2019, 10, 376-381.	11.0	14
42	A new checkpoint against ferroptosis. <i>Cell Research</i> , 2020, 30, 3-4.	12.0	11
43	The Cellular Apoptosis Susceptibility Protein (CAS) Promotes Tumor Necrosis Factor-related Apoptosis-inducing Ligand (TRAIL)-induced Apoptosis and Cell Proliferation. <i>Journal of Biological Chemistry</i> , 2016, 291, 2379-2388.	3.4	10
44	Apoptosis detection via automated algorithms to analyze biomarker translocation in reporter cells. <i>Biotechnology and Bioengineering</i> , 2020, 117, 1470-1482.	3.3	1
45	The Interplay of Phosphorylation and Ubiquitylation in the Regulation of PTEN. <i>FASEB Journal</i> , 2015, 29, 570.2.	0.5	0