

# Xuejun Jiang

## List of Publications by Year in descending order

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45  
papers

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126907

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docs citations

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times ranked

22105  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Ferroptosis at the intersection of lipid metabolism and cellular signaling. <i>Molecular Cell</i> , 2022, 82, 2215-2227.	9.7	228
3	Ferroptosis: mechanisms, biology and role in disease. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 266-282.	37.0	2,178
4	Mitochondrial NADP(H) generation is essential for proline biosynthesis. <i>Science</i> , 2021, 372, 968-972.	12.6	66
5	iPLA2 <sup>2</sup> -mediated lipid detoxification controls p53-driven ferroptosis independent of GPX4. <i>Nature Communications</i> , 2021, 12, 3644.	12.8	153
6	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
7	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
8	Artemisinin compounds sensitize cancer cells to ferroptosis by regulating iron homeostasis. <i>Cell Death and Differentiation</i> , 2020, 27, 242-254.	11.2	269
9	A new checkpoint against ferroptosis. <i>Cell Research</i> , 2020, 30, 3-4.	12.0	11
10	Tumor Microenvironment-Derived NRG1 Promotes Antiandrogen Resistance in Prostate Cancer. <i>Cancer Cell</i> , 2020, 38, 279-296.e9.	16.8	135
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	Emerging Mechanisms and Disease Relevance of Ferroptosis. <i>Trends in Cell Biology</i> , 2020, 30, 478-490.	7.9	624
13	Apoptosis detection via automated algorithms to analyze biomarker translocation in reporter cells. <i>Biotechnology and Bioengineering</i> , 2020, 117, 1470-1482.	3.3	1
14	PINK1 Content in Mitochondria is Regulated by ER-Associated Degradation. <i>Journal of Neuroscience</i> , 2019, 39, 7074-7085.	3.6	41
15	Intercellular interaction dictates cancer cell ferroptosis via NF2 <sup>2</sup> -YAP signalling. <i>Nature</i> , 2019, 572, 402-406.	27.8	617
16	A Physiological Function for Ferroptosis in Tumor Suppression by the Immune System. <i>Cell Metabolism</i> , 2019, 30, 14-15.	16.2	147
17	Aiming at Cancer In Vivo: Ferroptosis-Inducer Delivered by Nanoparticles. <i>Cell Chemical Biology</i> , 2019, 26, 621-622.	5.2	25
18	Intrinsic lipid binding activity of <sc>ATG</sc> 16L1 supports efficient membrane anchoring and autophagy. <i>EMBO Journal</i> , 2019, 38, .	7.8	59

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19	AMPK Promotes SPOP-Mediated NANOG Degradation to Regulate Prostate Cancer Cell Stemness. <i>Developmental Cell</i> , 2019, 48, 345-360.e7.	7.0	66
20	Role of Mitochondria in Ferroptosis. <i>Molecular Cell</i> , 2019, 73, 354-363.e3.	9.7	1,050
21	Unc-51-like kinase (ULK) complex-independent autophagy induced by hypoxia. <i>Protein and Cell</i> , 2019, 10, 376-381.	11.0	14
22	CD31 Expression Determines Redox Status and Chemoresistance in Human Angiosarcomas. <i>Clinical Cancer Research</i> , 2018, 24, 460-473.	7.0	30
23	To eat or not to eat â€” the metabolic flavor of ferroptosis. <i>Current Opinion in Cell Biology</i> , 2018, 51, 58-64.	5.4	109
24	Melatonin protects against cisplatin-induced ovarian damage in mice via the MT1 receptor and antioxidant activityâ€“. <i>Biology of Reproduction</i> , 2017, 96, 1244-1255.	2.7	83
25	Ferroptosis: A Regulated Cell Death Nexus Linking Metabolism, Redox Biology, and Disease. <i>Cell</i> , 2017, 171, 273-285.	28.9	4,081
26	The Ubiquitination of PINK1 Is Restricted to Its Mature 52-kDa Form. <i>Cell Reports</i> , 2017, 20, 30-39.	6.4	40
27	Targeting Autophagy Sensitizes BRAF-Mutant Thyroid Cancer to Vemurafenib. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 634-643.	3.6	62
28	Ultrasmall nanoparticles induce ferroptosis in nutrient-deprived cancer cells and suppress tumour growth. <i>Nature Nanotechnology</i> , 2016, 11, 977-985.	31.5	467
29	Ferroptosis is an autophagic cell death process. <i>Cell Research</i> , 2016, 26, 1021-1032.	12.0	1,073
30	Enzymatic Analysis of PTEN Ubiquitylation by WWP2 and NEDD4-1 E3 Ligases. <i>Biochemistry</i> , 2016, 55, 3658-3666.	2.5	34
31	Suppression of autophagy impedes glioblastoma development and induces senescence. <i>Autophagy</i> , 2016, 12, 1431-1439.	9.1	89
32	Bcl-xL promotes metastasis independent of its anti-apoptotic activity. <i>Nature Communications</i> , 2016, 7, 10384.	12.8	68
33	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
34	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
35	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
36	Glutaminolysis and Transferrin Regulate Ferroptosis. <i>Molecular Cell</i> , 2015, 59, 298-308.	9.7	1,252

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37	Regulation of autophagy by coordinated action of mTORC1 and protein phosphatase 2A. Nature Communications, 2015, 6, 8048.	12.8	188
38	The Interplay of Phosphorylation and Ubiquitylation in the Regulation of PTEN. FASEB Journal, 2015, 29, 570.2.	0.5	0
39	PTEN is a protein tyrosine phosphatase for IRS1. Nature Structural and Molecular Biology, 2014, 21, 522-527.	8.2	116
40	Direct activation of RIP3/MLKL-dependent necrosis by herpes simplex virus 1 (HSV-1) protein ICP6 triggers host antiviral defense. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15438-15443.	7.1	199
41	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
42	Functional Interaction of Phosphatase and Tensin Homologue (PTEN) with the E3 Ligase NEDD4-1 during Neuronal Response to Zinc. Journal of Biological Chemistry, 2010, 285, 9847-9857.	3.4	49
43	Sphingosine Interaction with Acidic Leucine-rich Nuclear Phosphoprotein-32A (ANP32A) Regulates PP2A Activity and Cyclooxygenase (COX)-2 Expression in Human Endothelial Cells. Journal of Biological Chemistry, 2010, 285, 26825-26831.	3.4	36
44	Stimulation of ATG12-ATG5 Conjugation by Ribonucleic Acid. Autophagy, 2007, 3, 10-16.	9.1	40
45	Cytochrome <i>c</i> -Mediated Apoptosis. Annual Review of Biochemistry, 2004, 73, 87-106.	11.1	1,217