

Pranavi Koppula

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

4,519
citations

567281

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839539

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docs citations

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3252
citing authors

#	ARTICLE	IF	CITATIONS
1	Cystine transporter SLC7A11/xCT in cancer: ferroptosis, nutrient dependency, and cancer therapy. <i>Protein and Cell</i> , 2021, 12, 599-620.	11.0	837
2	DHODH-mediated ferroptosis defence is a targetable vulnerability in cancer. <i>Nature</i> , 2021, 593, 586-590.	27.8	733
3	The role of ferroptosis in ionizing radiation-induced cell death and tumor suppression. <i>Cell Research</i> , 2020, 30, 146-162.	12.0	616
4	BAP1 links metabolic regulation of ferroptosis to tumour suppression. <i>Nature Cell Biology</i> , 2018, 20, 1181-1192.	10.3	565
5	Amino acid transporter SLC7A11/xCT at the crossroads of regulating redox homeostasis and nutrient dependency of cancer. <i>Cancer Communications</i> , 2018, 38, 1-13.	9.2	455
6	mTORC1 couples cyst(e)ine availability with GPX4 protein synthesis and ferroptosis regulation. <i>Nature Communications</i> , 2021, 12, 1589.	12.8	317
7	Cystine transporter regulation of pentose phosphate pathway dependency and disulfide stress exposes a targetable metabolic vulnerability in cancer. <i>Nature Cell Biology</i> , 2020, 22, 476-486.	10.3	226
8	The glutamate/cystine antiporter SLC7A11/xCT enhances cancer cell dependency on glucose by exporting glutamate. <i>Journal of Biological Chemistry</i> , 2017, 292, 14240-14249.	3.4	177
9	FABP4 as a key determinant of metastatic potential of ovarian cancer. <i>Nature Communications</i> , 2018, 9, 2923.	12.8	151
10	A targetable CoQ-FSP1 axis drives ferroptosis- and radiation-resistance in KEAP1 inactive lung cancers. <i>Nature Communications</i> , 2022, 13, 2206.	12.8	146
11	Ferroptosis as a mechanism to mediate p53 function in tumor radiosensitivity. <i>Oncogene</i> , 2021, 40, 3533-3547.	5.9	101
12	Regulation of H2A ubiquitination and SLC7A11 expression by BAP1 and PRC1. <i>Cell Cycle</i> , 2019, 18, 773-783.	2.6	83
13	Cytochrome P450 reductase (POR) as a ferroptosis fuel. <i>Protein and Cell</i> , 2021, 12, 675-679.	11.0	37
14	KEAP1 deficiency drives glucose dependency and sensitizes lung cancer cells and tumors to GLUT inhibition. <i>IScience</i> , 2021, 24, 102649.	4.1	26
15	H2A Monoubiquitination Links Glucose Availability to Epigenetic Regulation of the Endoplasmic Reticulum Stress Response and Cancer Cell Death. <i>Cancer Research</i> , 2020, 80, 2243-2256.	0.9	21
16	Central metabolic-sensing remotely controls nutrient sensitive endocrine response in <i>Drosophila</i> via <i>Sir2/Sirt1-upd2-IIS axis</i> . <i>Journal of Experimental Biology</i> , 2017, 220, 1187-1191.	1.7	12
17	Thiol profiling in cancer cell lines by HPLC-mass spectrometry. <i>STAR Protocols</i> , 2021, 2, 100977.	1.2	3