

Sihan Wu

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,986
citations

331670

21
h-index

552781

26
g-index

31
all docs

31
docs citations

31
times ranked

3104
citing authors

#	ARTICLE	IF	CITATIONS
1	Circular ecDNA promotes accessible chromatin and high oncogene expression. <i>Nature</i> , 2019, 575, 699-703.	27.8	343
2	Extrachromosomal DNA is associated with oncogene amplification and poor outcome across multiple cancers. <i>Nature Genetics</i> , 2020, 52, 891-897.	21.4	273
3	Altered cellular metabolism in gliomas "an emerging landscape of actionable co-dependency targets. <i>Nature Reviews Cancer</i> , 2020, 20, 57-70.	28.4	187
4	Oncogene Amplification in Growth Factor Signaling Pathways Renders Cancers Dependent on Membrane Lipid Remodeling. <i>Cell Metabolism</i> , 2019, 30, 525-538.e8.	16.2	130
5	ecDNA hubs drive cooperative intermolecular oncogene expression. <i>Nature</i> , 2021, 600, 731-736.	27.8	123
6	Identification and characterization of alphavirus M1 as a selective oncolytic virus targeting ZAP-defective human cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4504-12.	7.1	118
7	Targeting oncogenic miR-335 inhibits growth and invasion of malignant astrocytoma cells. <i>Molecular Cancer</i> , 2011, 10, 59.	19.2	113
8	MiR-135a functions as a selective killer of malignant glioma. <i>Oncogene</i> , 2012, 31, 3866-3874.	5.9	88
9	The Anti-Warburg Effect Elicited by the cAMP-PGC1 β Pathway Drives Differentiation of Glioblastoma Cells into Astrocytes. <i>Cell Reports</i> , 2017, 18, 468-481.	6.4	85
10	Glioblastoma cellular cross-talk converges on NF- κ B to attenuate EGFR inhibitor sensitivity. <i>Genes and Development</i> , 2017, 31, 1212-1227.	5.9	53
11	MicroRNA 335 Is Required for Differentiation of Malignant Glioma Cells Induced by Activation of cAMP/Protein Kinase A Pathway. <i>Molecular Pharmacology</i> , 2012, 81, 292-298.	2.3	48
12	Emerging function of mTORC2 as a core regulator in glioblastoma: metabolic reprogramming and drug resistance. <i>Cancer Biology and Medicine</i> , 2014, 11, 255-63.	3.0	44
13	Extrachromosomal DNA: An Emerging Hallmark in Human Cancer. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2022, 17, 367-386.	22.4	44
14	Targeting glioblastoma signaling and metabolism with a re-purposed brain-penetrant drug. <i>Cell Reports</i> , 2021, 37, 109957.	6.4	38
15	Triptolide Cooperates With Cisplatin to Induce Apoptosis in Gemcitabine-Resistant Pancreatic Cancer. <i>Pancreas</i> , 2012, 41, 1029-1038.	1.1	35
16	Single Bout Short Duration Fluid Shear Stress Induces Osteogenic Differentiation of MC3T3-E1 Cells via Integrin β 1 and BMP2 Signaling Cross-Talk. <i>PLoS ONE</i> , 2013, 8, e61600.	2.5	32
17	Activation of a pro-survival pathway IL6/JAK2/STAT3 contributes to glial fibrillary acidic protein induction during the cholera toxin-induced differentiation of C6 malignant glioma cells. <i>Molecular Oncology</i> , 2011, 5, 265-272.	4.6	31
18	Inhibition of cancer cell proliferation by midazolam by targeting transient receptor potential melastatin 7. <i>Oncology Letters</i> , 2013, 5, 1010-1016.	1.8	30

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19	Extrachromosomal DNA (ecDNA) in cancer pathogenesis. <i>Current Opinion in Genetics and Development</i> , 2021, 66, 78-82.	3.3	29
20	Discovery of mitochondria-targeting berberine derivatives as the inhibitors of proliferation, invasion and migration against rat C6 and human U87 glioma cells. <i>MedChemComm</i> , 2015, 6, 164-173.	3.4	28
21	Triptolide inhibits proliferation and invasion of malignant glioma cells. <i>Journal of Neuro-Oncology</i> , 2012, 109, 53-62.	2.9	26
22	Targeting cancer's metabolic co-dependencies: A landscape shaped by genotype and tissue context. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1870, 76-87.	7.4	25
23	Transcriptional upregulation of microtubule-associated protein 2 is involved in the protein kinase A-induced decrease in the invasiveness of glioma cells. <i>Neuro-Oncology</i> , 2015, 17, 1578-1588.	1.2	21
24	Zinc-finger antiviral protein acts as a tumor suppressor in colorectal cancer. <i>Oncogene</i> , 2020, 39, 5995-6008.	5.9	12
25	Same Script, Different Cast: Different Cell Origins Shape Molecular Features and Therapeutic Response in Glioblastoma. <i>Cancer Cell</i> , 2020, 38, 311-313.	16.8	4
26	Crocic Protects Human Umbilical Vein Endothelial Cells from High Glucose-Induced Injury Via Inhibiting the Endoplasmic Reticulum Stress Response. <i>Current Molecular Medicine</i> , 2018, 18, 166-177.	1.3	4
27	Evolution of microRNAs as Therapeutic Targets for Malignant Gliomas. , 0, , .		1
28	P6220MYL2 reporter line allows purification of ventricular human iPSC induced cardiomyocytes. <i>European Heart Journal</i> , 2018, 39, .	2.2	0