Chang Shu

List of Publications by Year
in descending order

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44 papers	1,674 citations	393982 19 h-index	315357 38 g-index
51 all docs	51 docs citations	51 times ranked	3113 citing authors

#	Article	IF	Citations
1	Trends in Smoking Among Adults With Mental Illness and Association Between Mental Health Treatment and Smoking Cessation. JAMA - Journal of the American Medical Association, 2014, 311, 172.	3.8	426
2	HDAC inhibitors elicit metabolic reprogramming by targeting super-enhancers in glioblastoma models. Journal of Clinical Investigation, 2020, 130, 3699-3716.	3.9	104
3	Presence of an epigenetic signature of prenatal cigarette smoke exposure in childhood. Environmental Research, 2016, 144, 139-148.	3.7	96
4	Induction of synthetic lethality in IDH1-mutated gliomas through inhibition of Bcl-xL. Nature Communications, 2017, 8, 1067.	5.8	91
5	PI3K and Bcl-2 Inhibition Primes Glioblastoma Cells to Apoptosis through Downregulation of Mcl-1 and Phospho-BAD. Molecular Cancer Research, 2014, 12, 987-1001.	1.5	67
6	Metabolic Reprogramming by Dual AKT/ERK Inhibition through Imipridones Elicits Unique Vulnerabilities in Glioblastoma. Clinical Cancer Research, 2018, 24, 5392-5406.	3.2	67
7	A Synthetic Cell-Penetrating Dominant-Negative ATF5 Peptide Exerts Anticancer Activity against a Broad Spectrum of Treatment-Resistant Cancers. Clinical Cancer Research, 2016, 22, 4698-4711.	3.2	63
8	TIC10/ONC201 synergizes with Bcl-2/Bcl-xL inhibition in glioblastoma by suppression of Mcl-1 and its binding partners in vitro and in vivo. Oncotarget, 2015, 6, 36456-36471.	0.8	57
9	Inhibition of Mitochondrial Matrix Chaperones and Antiapoptotic Bcl-2 Family Proteins Empower Antitumor Therapeutic Responses. Cancer Research, 2017, 77, 3513-3526.	0.4	56
10	Metabolic reprogramming of glioblastoma cells by L-asparaginase sensitizes for apoptosis in vitro and in vivo. Oncotarget, 2016, 7, 33512-33528.	0.8	47
11	Combined inhibition of Bcl-2/Bcl-xL and Usp9X/Bag3 overcomes apoptotic resistance in glioblastoma in vitro and in vivo. Oncotarget, 2015, 6, 14507-14521.	0.8	45
12	Aurora kinase A inhibition reverses the Warburg effect and elicits unique metabolic vulnerabilities in glioblastoma. Nature Communications, 2021, 12, 5203.	5.8	38
13	PARP Inhibition Restores Extrinsic Apoptotic Sensitivity in Glioblastoma. PLoS ONE, 2014, 9, e114583.	1.1	38
14	BH3-mimetics and BET-inhibitors elicit enhanced lethality in malignant glioma. Oncotarget, 2017, 8, 29558-29573.	0.8	36
15	Inhibition of deubiquitinases primes glioblastoma cells to apoptosis in vitro and in vivo. Oncotarget, 2016, 7, 12791-12805.	0.8	35
16	Combined HDAC and Bromodomain Protein Inhibition Reprograms Tumor Cell Metabolism and Elicits Synthetic Lethality in Glioblastoma. Clinical Cancer Research, 2018, 24, 3941-3954.	3.2	35
17	MET Inhibition Elicits PGC1Î±-Dependent Metabolic Reprogramming in Glioblastoma. Cancer Research, 2020, 80, 30-43.	0.4	35
18	Activation of <scp>LXR</scp> Î² inhibits tumor respiration and is synthetically lethal with Bclâ€• <scp>xL</scp> inhibition. EMBO Molecular Medicine, 2019, 11, e10769.	3.3	32

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19	Comparison of methylation capture sequencing and Infinium MethylationEPIC array in peripheral blood mononuclear cells. Epigenetics and Chromatin, 2020, 13, 51.	1.8	26
20	Mitochondrial matrix chaperone and c-myc inhibition causes enhanced lethality in glioblastoma. Oncotarget, 2017, 8, 37140-37153.	0.8	24
21	Inhibition of HDAC1/2 Along with TRAP1 Causes Synthetic Lethality in Glioblastoma Model Systems. Cells, 2020, 9, 1661.	1.8	20
22	Gene selection for optimal prediction of cell position in tissues from single-cell transcriptomics data. Life Science Alliance, 2020, 3, e202000867.	1.3	20
23	Epigenetic Targeting of Mcl-1 Is Synthetically Lethal with Bcl-xL/Bcl-2 Inhibition in Model Systems of Glioblastoma. Cancers, 2020, 12, 2137.	1.7	18
24	APOE Îµ4 Modifies Effect of Residential Greenness on Cognitive Function among Older Adults: A Longitudinal Analysis in China. Scientific Reports, 2020, 10, 82.	1.6	17
25	Single-cell Transcriptome Mapping Identifies Common and Cell-type Specific Genes Affected by Acute Delta9-tetrahydrocannabinol in Humans. Scientific Reports, 2020, 10, 3450.	1.6	17
26	Induction of Synthetic Lethality by Activation of Mitochondrial ClpP and Inhibition of HDAC1/2 in Glioblastoma. Clinical Cancer Research, 2022, 28, 1881-1895.	3.2	17
27	Activation of LXR Receptors and Inhibition of TRAP1 Causes Synthetic Lethality in Solid Tumors. Cancers, 2019, 11, 788.	1.7	16
28	Epigenome-wide study of brain DNA methylation following acute opioid intoxication. Drug and Alcohol Dependence, 2021, 221, 108658.	1.6	15
29	DNA methylation mediates the effect of cocaine use on HIV severity. Clinical Epigenetics, 2020, 12, 140.	1.8	14
30	Examining the association between substance use disorder treatment and smoking cessation. Addiction, 2015, 110, 1015-1024.	1.7	13
31	Interaction of greenness and polygenic risk score of Alzheimer's disease on risk of cognitive impairment. Science of the Total Environment, 2021, 796, 148767.	3.9	12
32	Imputing cognitive impairment in <scp>SPARK</scp>, a large autism cohort. Autism Research, 2022, 15, 156-170.	2.1	12
33	Dual Inhibition of Bcl-2/Bcl-xL and XPO1 is synthetically lethal in glioblastoma model systems. Scientific Reports, 2018, 8, 15383.	1.6	11
34	National Institute on Drug Abuse genomics consortium white paper: Coordinating efforts between human and animal addiction studies. Genes, Brain and Behavior, 2019, 18, e12577.	1.1	11
35	DNA methylation biomarker selected by an ensemble machine learning approach predicts mortality risk in an HIV-positive veteran population. Epigenetics, 2021, 16, 741-753.	1.3	9
36	Epigenome-wide association scan identifies methylation sites associated with HIV infection. Epigenomics, 2020, 12, 1917-1927.	1.0	7

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37	Inhibition of Bcl-2/Bcl-xL and c-MET causes synthetic lethality in model systems of glioblastoma. Scientific Reports, 2018, 8, 7373.	1.6	6
38	Differential expression of NPAS4 in the dorsolateral prefrontal cortex following opioid overdose. , 2022, 3, 100040.		5
39	Epigenome-wide association analyses of active injection drug use. Drug and Alcohol Dependence, 2022, 235, 109431.	1.6	5
40	ETMM-04. AURKA INHIBITION REPROGRAMS METABOLISM AND IS SYNTHETICALLY LETHAL WITH FATTY ACID OXIDATION INHIBITION IN GLIOBLASTOMA MODEL SYSTEMS. Neuro-Oncology Advances, 2021, 3, i15-i15.	0.4	0
41	ETMM-05. LACTIC ACID FACILITATES GLIOBLASTOMA GROWTH THROUGH MODULATION OF THE EPIGENOME. Neuro-Oncology Advances, 2021, 3, i15-i15.	0.4	0
42	TAMI-33. AURKA INHIBITION REPROGRAMS METABOLISM AND IS SYNTHETICALLY LETHAL WITH FATTY ACID OXIDATION INHIBITION IN GLIOBLASTOMA. Neuro-Oncology, 2020, 22, ii220-ii220.	0.6	0
43	EXTH-50. ACTIVATION OF THE MITOCHONDRIAL CLPP PROTEASE IS SYNTHETICALLY LETHAL WITH HDAC1/2 INHIBITION IN GLIOBLASTOMA MODEL SYSTEMS. Neuro-Oncology, 2020, 22, ii98-ii98.	0.6	0
44	EPCO-16. LACTIC ACID IS AN EPIGENETIC METABOLITE THAT DRIVES GLIOBLASTOMA SURVIVAL AND GROWTH. Neuro-Oncology, 2020, 22, ii72-ii72.	0.6	0