

# Chang Shu

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Imputing cognitive impairment in <scp>SPARK</scp>, a large autism cohort. <i>Autism Research</i> , 2022, 15, 156-170.	2.1	12
2	Differential expression of NPAS4 in the dorsolateral prefrontal cortex following opioid overdose. , 2022, 3, 100040.		5
3	Epigenome-wide association analyses of active injection drug use. <i>Drug and Alcohol Dependence</i> , 2022, 235, 109431.	1.6	5
4	Induction of Synthetic Lethality by Activation of Mitochondrial ClpP and Inhibition of HDAC1/2 in Glioblastoma. <i>Clinical Cancer Research</i> , 2022, 28, 1881-1895.	3.2	17
5	DNA methylation biomarker selected by an ensemble machine learning approach predicts mortality risk in an HIV-positive veteran population. <i>Epigenetics</i> , 2021, 16, 741-753.	1.3	9
6	ETMM-04. AURKA INHIBITION REPROGRAMS METABOLISM AND IS SYNTHETICALLY LETHAL WITH FATTY ACID OXIDATION INHIBITION IN GLIOBLASTOMA MODEL SYSTEMS. <i>Neuro-Oncology Advances</i> , 2021, 3, i15-i15.	0.4	0
7	ETMM-05. LACTIC ACID FACILITATES GLIOBLASTOMA GROWTH THROUGH MODULATION OF THE EPIGENOME. <i>Neuro-Oncology Advances</i> , 2021, 3, i15-i15.	0.4	0
8	Epigenome-wide study of brain DNA methylation following acute opioid intoxication. <i>Drug and Alcohol Dependence</i> , 2021, 221, 108658.	1.6	15
9	Aurora kinase A inhibition reverses the Warburg effect and elicits unique metabolic vulnerabilities in glioblastoma. <i>Nature Communications</i> , 2021, 12, 5203.	5.8	38
10	Interaction of greenness and polygenic risk score of Alzheimer's disease on risk of cognitive impairment. <i>Science of the Total Environment</i> , 2021, 796, 148767.	3.9	12
11	APOE Îµ4 Modifies Effect of Residential Greenness on Cognitive Function among Older Adults: A Longitudinal Analysis in China. <i>Scientific Reports</i> , 2020, 10, 82.	1.6	17
12	MET Inhibition Elicits PGC1Î±-Dependent Metabolic Reprogramming in Glioblastoma. <i>Cancer Research</i> , 2020, 80, 30-43.	0.4	35
13	Inhibition of HDAC1/2 Along with TRAP1 Causes Synthetic Lethality in Glioblastoma Model Systems. <i>Cells</i> , 2020, 9, 1661.	1.8	20
14	Comparison of methylation capture sequencing and Infinium MethylationEPIC array in peripheral blood mononuclear cells. <i>Epigenetics and Chromatin</i> , 2020, 13, 51.	1.8	26
15	Epigenetic Targeting of Mcl-1 Is Synthetically Lethal with Bcl-xL/Bcl-2 Inhibition in Model Systems of Glioblastoma. <i>Cancers</i> , 2020, 12, 2137.	1.7	18
16	DNA methylation mediates the effect of cocaine use on HIV severity. <i>Clinical Epigenetics</i> , 2020, 12, 140.	1.8	14
17	Single-cell Transcriptome Mapping Identifies Common and Cell-type Specific Genes Affected by Acute Delta9-tetrahydrocannabinol in Humans. <i>Scientific Reports</i> , 2020, 10, 3450.	1.6	17
18	HDAC inhibitors elicit metabolic reprogramming by targeting super-enhancers in glioblastoma models. <i>Journal of Clinical Investigation</i> , 2020, 130, 3699-3716.	3.9	104

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19	Gene selection for optimal prediction of cell position in tissues from single-cell transcriptomics data. <i>Life Science Alliance</i> , 2020, 3, e202000867.	1.3	20
20	Epigenome-wide association scan identifies methylation sites associated with HIV infection. <i>Epigenomics</i> , 2020, 12, 1917-1927.	1.0	7
21	TAMI-33. ALIRKA INHIBITION REPROGRAMS METABOLISM AND IS SYNTHETICALLY LETHAL WITH FATTY ACID OXIDATION INHIBITION IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2020, 22, ii220-ii220.	0.6	0
22	EXTH-50. ACTIVATION OF THE MITOCHONDRIAL CLPP PROTEASE IS SYNTHETICALLY LETHAL WITH HDAC1/2 INHIBITION IN GLIOBLASTOMA MODEL SYSTEMS. <i>Neuro-Oncology</i> , 2020, 22, ii98-ii98.	0.6	0
23	EPCO-16. LACTIC ACID IS AN EPIGENETIC METABOLITE THAT DRIVES GLIOBLASTOMA SURVIVAL AND GROWTH. <i>Neuro-Oncology</i> , 2020, 22, ii72-ii72.	0.6	0
24	Activation of $\text{LXR}^{\beta}$ inhibits tumor respiration and is synthetically lethal with $\text{Bcl-2}$ inhibition. <i>EMBO Molecular Medicine</i> , 2019, 11, e10769.	3.3	32
25	Activation of LXR Receptors and Inhibition of TRAP1 Causes Synthetic Lethality in Solid Tumors. <i>Cancers</i> , 2019, 11, 788.	1.7	16
26	National Institute on Drug Abuse genomics consortium white paper: Coordinating efforts between human and animal addiction studies. <i>Genes, Brain and Behavior</i> , 2019, 18, e12577.	1.1	11
27	Dual Inhibition of Bcl-2/Bcl-xL and XPO1 is synthetically lethal in glioblastoma model systems. <i>Scientific Reports</i> , 2018, 8, 15383.	1.6	11
28	Combined HDAC and Bromodomain Protein Inhibition Reprograms Tumor Cell Metabolism and Elicits Synthetic Lethality in Glioblastoma. <i>Clinical Cancer Research</i> , 2018, 24, 3941-3954.	3.2	35
29	Metabolic Reprogramming by Dual AKT/ERK Inhibition through Imipridones Elicits Unique Vulnerabilities in Glioblastoma. <i>Clinical Cancer Research</i> , 2018, 24, 5392-5406.	3.2	67
30	Inhibition of Bcl-2/Bcl-xL and c-MET causes synthetic lethality in model systems of glioblastoma. <i>Scientific Reports</i> , 2018, 8, 7373.	1.6	6
31	Inhibition of Mitochondrial Matrix Chaperones and Antiapoptotic Bcl-2 Family Proteins Empower Antitumor Therapeutic Responses. <i>Cancer Research</i> , 2017, 77, 3513-3526.	0.4	56
32	Induction of synthetic lethality in IDH1-mutated gliomas through inhibition of Bcl-xL. <i>Nature Communications</i> , 2017, 8, 1067.	5.8	91
33	Mitochondrial matrix chaperone and c-myc inhibition causes enhanced lethality in glioblastoma. <i>Oncotarget</i> , 2017, 8, 37140-37153.	0.8	24
34	BH3-mimetics and BET-inhibitors elicit enhanced lethality in malignant glioma. <i>Oncotarget</i> , 2017, 8, 29558-29573.	0.8	36
35	Inhibition of deubiquitinases primes glioblastoma cells to apoptosis <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2016, 7, 12791-12805.	0.8	35
36	A Synthetic Cell-Penetrating Dominant-Negative ATF5 Peptide Exerts Anticancer Activity against a Broad Spectrum of Treatment-Resistant Cancers. <i>Clinical Cancer Research</i> , 2016, 22, 4698-4711.	3.2	63

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37	Presence of an epigenetic signature of prenatal cigarette smoke exposure in childhood. <i>Environmental Research</i> , 2016, 144, 139-148.	3.7	96
38	Metabolic reprogramming of glioblastoma cells by L-asparaginase sensitizes for apoptosis in vitro and in vivo. <i>Oncotarget</i> , 2016, 7, 33512-33528.	0.8	47
39	TIC10/ONC201 synergizes with Bcl-2/Bcl-xL inhibition in glioblastoma by suppression of Mcl-1 and its binding partners <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2015, 6, 36456-36471.	0.8	57
40	Examining the association between substance use disorder treatment and smoking cessation. <i>Addiction</i> , 2015, 110, 1015-1024.	1.7	13
41	Combined inhibition of Bcl-2/Bcl-xL and Usp9X/Bag3 overcomes apoptotic resistance in glioblastoma <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2015, 6, 14507-14521.	0.8	45
42	PI3K and Bcl-2 Inhibition Primes Glioblastoma Cells to Apoptosis through Downregulation of Mcl-1 and Phospho-BAD. <i>Molecular Cancer Research</i> , 2014, 12, 987-1001.	1.5	67
43	Trends in Smoking Among Adults With Mental Illness and Association Between Mental Health Treatment and Smoking Cessation. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 172.	3.8	426
44	PARP Inhibition Restores Extrinsic Apoptotic Sensitivity in Glioblastoma. <i>PLoS ONE</i> , 2014, 9, e114583.	1.1	38