

Philip J Tofilon

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,320
citations

687363

13
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

2365
citing authors

#	ARTICLE	IF	CITATIONS
1	CX-5461 induces radiosensitization through modification of the DNA damage response and not inhibition of RNA polymerase I. <i>Scientific Reports</i> , 2022, 12, 4059.	3.3	2
2	Abstract 6057: Mechanisms mediating the radioresistance of human glioma cells growing in the murine olfactory bulb. <i>Cancer Research</i> , 2022, 82, 6057-6057.	0.9	0
3	Inhibition of the Translation Initiation Factor eIF4A Enhances Tumor Cell Radiosensitivity. <i>Molecular Cancer Therapeutics</i> , 2022, 21, 1406-1414.	4.1	1
4	In Vitro Methods for the Study of Glioblastoma Stem-Like Cell Radiosensitivity. <i>Methods in Molecular Biology</i> , 2021, 2269, 37-47.	0.9	0
5	Detection of metabolic change in glioblastoma cells after radiotherapy using hyperpolarized ^{13}C -MRI. <i>NMR in Biomedicine</i> , 2021, 34, e4514.	2.8	6
6	The Radiosensitizing Effect of AZD0530 in Glioblastoma and Glioblastoma Stem-Like Cells. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 1672-1679.	4.1	6
7	Bench to bedside radiosensitizer development strategy for newly diagnosed glioblastoma. <i>Radiation Oncology</i> , 2021, 16, 191.	2.7	6
8	Translation Initiation Machinery as a Tumor Selective Target for Radiosensitization. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10664.	4.1	3
9	Detection of glioblastoma intratumor heterogeneity in radiosensitivity using patient-derived neurosphere cultures. <i>Journal of Neuro-Oncology</i> , 2020, 149, 383-390.	2.9	5
10	Improving Radiation Response in Glioblastoma Using ECO/siRNA Nanoparticles Targeting DNA Damage Repair. <i>Cancers</i> , 2020, 12, 3260.	3.7	7
11	Radiosensitizers in the temozolomide era for newly diagnosed glioblastoma. <i>Neuro-Oncology Practice</i> , 2020, 7, 268-276.	1.6	12
12	The Olfactory Bulb Provides a Radioresistant Niche for Glioblastoma Cells. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 194-201.	0.8	4
13	Radiation Drives the Evolution of Orthotopic Xenografts Initiated from Glioblastoma Stem-like Cells. <i>Cancer Research</i> , 2019, 79, 6032-6043.	0.9	14
14	The Quiescent Metabolic Phenotype of Glioma Stem Cells. , 2019, 12, 96-103.		6
15	Inhibition of the Histone H3K27 Demethylase UTX Enhances Tumor Cell Radiosensitivity. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 1070-1078.	4.1	31
16	The DNA-PK Inhibitor VX-984 Enhances the Radiosensitivity of Glioblastoma Cells Grown <i>In Vitro</i> and as Orthotopic Xenografts. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 1207-1216.	4.1	84
17	The XPO1 Inhibitor Selinexor Inhibits Translation and Enhances the Radiosensitivity of Glioblastoma Cells Grown <i>In Vitro</i> and <i>In Vivo</i> . <i>Molecular Cancer Therapeutics</i> , 2018, 17, 1717-1726.	4.1	34
18	Radiation-induced alternative transcripts as detected in total and polysome-bound mRNA. <i>Oncotarget</i> , 2018, 9, 691-705.	1.8	6

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19	Radiation-induced translational control of gene expression. <i>Translation</i> , 2017, 5, e1265703.	2.9	10
20	Polysome Profiling Links Translational Control to the Radioresponse of Glioblastoma Stem-like Cells. <i>Cancer Research</i> , 2016, 76, 3078-3087.	0.9	23
21	FOXM1 and STAT3 interaction confers radioresistance in glioblastoma cells. <i>Oncotarget</i> , 2016, 7, 77365-77377.	1.8	55
22	Glioblastoma radiosensitization by pimoziide. <i>Translational Cancer Research</i> , 2016, 5, S1029-S1032.	1.0	4
23	Coculture with astrocytes reduces the radiosensitivity of glioblastoma stem-like cells and identifies additional targets for radiosensitization. <i>Cancer Medicine</i> , 2015, 4, 1705-1716.	2.8	42
24	A Phase 2 Study of Concurrent Radiation Therapy, Temozolomide, and the Histone Deacetylase Inhibitor Valproic Acid for Patients With Glioblastoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 986-992.	0.8	166
25	Ionizing Radiation and Glioblastoma Exosomes: Implications in Tumor Biology and Cell Migration. <i>Translational Oncology</i> , 2013, 6, 638-IN6.	3.7	179
26	The Brain Microenvironment Preferentially Enhances the Radioresistance of CD133+ Glioblastoma Stem-like Cells. <i>Neoplasia</i> , 2012, 14, 150-158.	5.3	112
27	Microenvironmental Regulation of Glioblastoma Radioresponse. <i>Clinical Cancer Research</i> , 2010, 16, 6049-6059.	7.0	72
28	CD133+ Glioblastoma Stem-like Cells are Radiosensitive with a Defective DNA Damage Response Compared with Established Cell Lines. <i>Clinical Cancer Research</i> , 2009, 15, 5145-5153.	7.0	161
29	High throughput evaluation of gamma-H2AX. <i>Radiation Oncology</i> , 2009, 4, 31.	2.7	33
30	Physiologic Oxygen Concentration Enhances the Stem-Like Properties of CD133+ Human Glioblastoma Cells <i>in vitro</i> . <i>Molecular Cancer Research</i> , 2009, 7, 489-497.	3.4	236