Philip J Tofilon

List of Publications by Year
in descending order

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	Physiologic Oxygen Concentration Enhances the Stem-Like Properties of CD133+ Human Glioblastoma Cells <i>In vitro</i>. Molecular Cancer Research, 2009, 7, 489-497.	3.4	236
2	Ionizing Radiation and Glioblastoma Exosomes: Implications in Tumor Biology and Cell Migration. Translational Oncology, 2013, 6, 638-IN6.	3.7	179
3	A Phase 2 Study of Concurrent Radiation Therapy, Temozolomide, and the Histone Deacetylase Inhibitor Valproic Acid for Patients With Glioblastoma. International Journal of Radiation Oncology Biology Physics, 2015, 92, 986-992.	0.8	166
4	CD133+ Glioblastoma Stem-like Cells are Radiosensitive with a Defective DNA Damage Response Compared with Established Cell Lines. Clinical Cancer Research, 2009, 15, 5145-5153.	7.0	161
5	The Brain Microenvironment Preferentially Enhances the Radioresistance of CD133+ Glioblastoma Stem-like Cells. Neoplasia, 2012, 14, 150-158.	5.3	112
6	The DNA-PK Inhibitor VX-984 Enhances the Radiosensitivity of Glioblastoma Cells Grown <i>In Vitro</i> and as Orthotopic Xenografts. Molecular Cancer Therapeutics, 2018, 17, 1207-1216.	4.1	84
7	Microenvironmental Regulation of Glioblastoma Radioresponse. Clinical Cancer Research, 2010, 16, 6049-6059.	7.0	72
8	FOXM1 and STAT3 interaction confers radioresistance in glioblastoma cells. Oncotarget, 2016, 7, 77365-77377.	1.8	55
9	Coculture with astrocytes reduces the radiosensitivity of glioblastoma stemâ€like cells and identifies additional targets for radiosensitization. Cancer Medicine, 2015, 4, 1705-1716.	2.8	42
10	The XPO1 Inhibitor Selinexor Inhibits Translation and Enhances the Radiosensitivity of Glioblastoma Cells Grown <i>In Vitro</i> and <i>In Vivo</i>. Molecular Cancer Therapeutics, 2018, 17, 1717-1726.	4.1	34
11	High throughput evaluation of gamma-H2AX. Radiation Oncology, 2009, 4, 31.	2.7	33
12	Inhibition of the Histone H3K27 Demethylase UTX Enhances Tumor Cell Radiosensitivity. Molecular Cancer Therapeutics, 2018, 17, 1070-1078.	4.1	31
13	Polysome Profiling Links Translational Control to the Radioresponse of Glioblastoma Stem-like Cells. Cancer Research, 2016, 76, 3078-3087.	0.9	23
14	Radiation Drives the Evolution of Orthotopic Xenografts Initiated from Glioblastoma Stemâ€“like Cells. Cancer Research, 2019, 79, 6032-6043.	0.9	14
15	Radiosensitizers in the temozolomide era for newly diagnosed glioblastoma. Neuro-Oncology Practice, 2020, 7, 268-276.	1.6	12
16	Radiation-induced translational control of gene expression. Translation, 2017, 5, e1265703.	2.9	10
17	Improving Radiation Response in Glioblastoma Using ECO/siRNA Nanoparticles Targeting DNA Damage Repair. Cancers, 2020, 12, 3260.	3.7	7
18	Detection of metabolic change in glioblastoma cells after radiotherapy using hyperpolarized ¹³Câ€MRI. NMR in Biomedicine, 2021, 34, e4514.	2.8	6

#	Article	IF	Citations
19	The Radiosensitizing Effect of AZD0530 in Glioblastoma and Glioblastoma Stem-Like Cells. Molecular Cancer Therapeutics, 2021, 20, 1672-1679.	4.1	6
20	Bench to bedside radiosensitizer development strategy for newly diagnosed glioblastoma. Radiation Oncology, 2021, 16, 191.	2.7	6
21	Radiation-induced alternative transcripts as detected in total and polysome-bound mRNA. Oncotarget, 2018, 9, 691-705.	1.8	6
22	The Quiescent Metabolic Phenotype of Glioma Stem Cells. , 2019, 12, 96-103.		6
23	Detection of glioblastoma intratumor heterogeneity in radiosensitivity using patient-derived neurosphere cultures. Journal of Neuro-Oncology, 2020, 149, 383-390.	2.9	5
24	The Olfactory Bulb Provides a Radioresistant Niche for Glioblastoma Cells. International Journal of Radiation Oncology Biology Physics, 2020, 107, 194-201.	0.8	4
25	Glioblastoma radiosensitization by pimozide. Translational Cancer Research, 2016, 5, S1029-S1032.	1.0	4
26	Translation Initiation Machinery as a Tumor Selective Target for Radiosensitization. International Journal of Molecular Sciences, 2021, 22, 10664.	4.1	3
27	CX-5461 induces radiosensitization through modification of the DNA damage response and not inhibition of RNA polymerase I. Scientific Reports, 2022, 12, 4059.	3.3	2
28	Inhibition of the Translation Initiation Factor eIF4A Enhances Tumor Cell Radiosensitivity. Molecular Cancer Therapeutics, 2022, 21, 1406-1414.	4.1	1
29	In Vitro Methods for the Study of Glioblastoma Stem-Like Cell Radiosensitivity. Methods in Molecular Biology, 2021, 2269, 37-47.	0.9	0
30	Abstract 6057: Mechanisms mediating the radioresistance of human glioma cells growing in the murine olfactory bulb. Cancer Research, 2022, 82, 6057-6057.	0.9	0