

# Kenneth L Pitter

## List of Publications by Year in descending order

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35  
papers

5,462  
citations

218381

26  
h-index

377514

34  
g-index

35  
all docs

35  
docs citations

35  
times ranked

9991  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogenic <i>ATM</i> Mutations in Cancer and a Genetic Basis for Radiotherapeutic Efficacy. <i>Journal of the National Cancer Institute</i> , 2021, 113, 266-273.	3.0	38
2	TP53 mutations increase radioresistance in rhabdomyosarcoma and Ewing sarcoma. <i>British Journal of Cancer</i> , 2021, 125, 576-581.	2.9	26
3	Unbiased in vivo preclinical evaluation of anticancer drugs identifies effective therapy for the treatment of pancreatic adenocarcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30670-30678.	3.3	11
4	Emergence of a High-Plasticity Cell State during Lung Cancer Evolution. <i>Cancer Cell</i> , 2020, 38, 229-246.e13.	7.7	210
5	Genomic Determinants of Clinical Outcomes in Rhabdomyosarcoma. <i>Clinical Cancer Research</i> , 2020, 26, 1135-1140.	3.2	33
6	High-dose radiation therapy is needed for intracranial control and long-term survival in patients with non-seminomatous germ cell tumor brain metastases. <i>Journal of Neuro-Oncology</i> , 2019, 142, 523-528.	1.4	4
7	Endoluminal high-dose-rate brachytherapy for locally recurrent or persistent esophageal cancer. <i>Brachytherapy</i> , 2018, 17, 621-627.	0.2	10
8	Increased <i>HOXA5</i> expression provides a selective advantage for gain of whole chromosome 7 in IDH wild-type glioblastoma. <i>Genes and Development</i> , 2018, 32, 512-523.	2.7	40
9	Treatment of Vulvar Mycosis Fungoides Tumors With Localized Radiotherapy. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2018, 18, e279-e281.	0.2	8
10	Genetic driver mutations define the expression signature and microenvironmental composition of high-grade gliomas. <i>Glia</i> , 2017, 65, 1914-1926.	2.5	50
11	High Precision Imaging of Microscopic Spread of Glioblastoma with a Targeted Ultrasensitive SERRS Molecular Imaging Probe. <i>Theranostics</i> , 2016, 6, 1075-1084.	4.6	96
12	Corticosteroids compromise survival in glioblastoma. <i>Brain</i> , 2016, 139, 1458-1471.	3.7	271
13	Optimization of radiation dosing schedules for proneural glioblastoma. <i>Journal of Mathematical Biology</i> , 2016, 72, 1301-1336.	0.8	26
14	Glutamine-based PET imaging facilitates enhanced metabolic evaluation of gliomas in vivo. <i>Science Translational Medicine</i> , 2015, 7, 274ra17.	5.8	257
15	Surface-enhanced resonance Raman scattering nanostars for high-precision cancer imaging. <i>Science Translational Medicine</i> , 2015, 7, 271ra7.	5.8	236
16	In vivo radiation response of proneural glioma characterized by protective p53 transcriptional program and proneural-mesenchymal shift. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5248-5253.	3.3	152
17	The SHH/Gli pathway is reactivated in reactive glia and drives proliferation in response to neurodegeneration-induced lesions. <i>Glia</i> , 2014, 62, 1595-1607.	2.5	50
18	Guiding Brain Tumor Resection Using Surface-Enhanced Raman Scattering Nanoparticles and a Hand-Held Raman Scanner. <i>ACS Nano</i> , 2014, 8, 9755-9766.	7.3	242

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19	Loss of the tyrosine phosphatase PTPRD leads to aberrant STAT3 activation and promotes gliomagenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8149-8154.	3.3	80
20	Osteopontin-CD44 Signaling in the Glioma Perivascular Niche Enhances Cancer Stem Cell Phenotypes and Promotes Aggressive Tumor Growth. <i>Cell Stem Cell</i> , 2014, 14, 357-369.	5.2	411
21	Mathematical Modeling of PDGF-Driven Glioblastoma Reveals Optimized Radiation Dosing Schedules. <i>Cell</i> , 2014, 156, 603-616.	13.5	241
22	The EphA2 Receptor Drives Self-Renewal and Tumorigenicity in Stem-like Tumor-Propagating Cells from Human Glioblastomas. <i>Cancer Cell</i> , 2012, 22, 765-780.	7.7	179
23	A brain tumor molecular imaging strategy using a new triple-modality MRI-photoacoustic-Raman nanoparticle. <i>Nature Medicine</i> , 2012, 18, 829-834.	15.2	1,029
24	A stapled BIM peptide overcomes apoptotic resistance in hematologic cancers. <i>Journal of Clinical Investigation</i> , 2012, 122, 2018-2031.	3.9	153
25	Astrocyte-Specific Expression Patterns Associated with the PDGF-Induced Glioma Microenvironment. <i>PLoS ONE</i> , 2012, 7, e32453.	1.1	67
26	Identification of Global Alteration of Translational Regulation in Glioma In Vivo. <i>PLoS ONE</i> , 2012, 7, e46965.	1.1	21
27	Perifosine and CCI 779 Co-Operate to Induce Cell Death and Decrease Proliferation in PTEN-Intact and PTEN-Deficient PDGF-Driven Murine Glioblastoma. <i>PLoS ONE</i> , 2011, 6, e14545.	1.1	64
28	BAX activation is initiated at a novel interaction site. <i>Nature</i> , 2008, 455, 1076-1081.	13.7	617
29	Dual role of proapoptotic BAD in insulin secretion and beta cell survival. <i>Nature Medicine</i> , 2008, 14, 144-153.	15.2	285
30	Chapter 23 Dissection of the BCL-2 Family Signaling Network with Stabilized $\pm$ Helices of BCL-2 Domains. <i>Methods in Enzymology</i> , 2008, 446, 387-408.	0.4	44
31	Chapter 22 Synthesis and Biophysical Characterization of Stabilized $\pm$ Helices of BCL-2 Domains. <i>Methods in Enzymology</i> , 2008, 446, 369-386.	0.4	86
32	Structural Analysis of a BAX-BIM SAHB Complex Reveals a Novel BH3 Interaction Site on BAX for Therapeutic Activation of Apoptosis. <i>Blood</i> , 2008, 112, 300-300.	0.6	0
33	A Stapled BID BH3 Helix Directly Binds and Activates BAX. <i>Molecular Cell</i> , 2006, 24, 199-210.	4.5	347
34	A Membrane-targeted BID BCL-2 Homology 3 Peptide Is Sufficient for High Potency Activation of BAX in Vitro. <i>Journal of Biological Chemistry</i> , 2006, 281, 36999-37008.	1.6	74
35	Anti-Leukemic Potency of Stapled BH3 Helices Correlates with Their Capacity for Bifunctional Activation of Apoptotic Pathways. <i>Blood</i> , 2006, 108, 711-711.	0.6	4