

# Samuel L Brady

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/248088/publications.pdf>

Version: 2024-02-01

34  
papers

1,416  
citations

430874

18  
h-index

477307

29  
g-index

38  
all docs

38  
docs citations

38  
times ranked

2574  
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapy-induced mutations drive the genomic landscape of relapsed acute lymphoblastic leukemia. <i>Blood</i> , 2020, 135, 41-55.	1.4	171
2	Multiple ABCB1 transcriptional fusions in drug resistant high-grade serous ovarian and breast cancer. <i>Nature Communications</i> , 2019, 10, 1295.	12.8	133
3	Combating subclonal evolution of resistant cancer phenotypes. <i>Nature Communications</i> , 2017, 8, 1231.	12.8	124
4	Investigation of American Association of Physicists in Medicine Report 204 Size-specific Dose Estimates for Pediatric CT Implementation. <i>Radiology</i> , 2012, 265, 832-840.	7.3	117
5	St. Jude Cloud: A Pediatric Cancer Genomic Data-Sharing Ecosystem. <i>Cancer Discovery</i> , 2021, 11, 1082-1099.	9.4	109
6	Use of Water Equivalent Diameter for Calculating Patient Size and Size-Specific Dose Estimates (SSDE) in CT: The Report of AAPM Task Group 220. <i>AAPM Report</i> , 2014, 2014, 6-23.	2.0	91
7	Genomes for Kids: The Scope of Pathogenic Mutations in Pediatric Cancer Revealed by Comprehensive DNA and RNA Sequencing. <i>Cancer Discovery</i> , 2021, 11, 3008-3027.	9.4	88
8	Pan-neuroblastoma analysis reveals age- and signature-associated driver alterations. <i>Nature Communications</i> , 2020, 11, 5183.	12.8	87
9	Size-specific dose estimate (SSDE) provides a simple method to calculate organ dose for pediatric CT examinations. <i>Medical Physics</i> , 2014, 41, 071917.	3.0	72
10	Engineered 3D Model of Cancer Stem Cell Enrichment and Chemoresistance. <i>Neoplasia</i> , 2019, 21, 822-836.	5.3	43
11	Pediatric CT: Implementation of ASIR for Substantial Radiation Dose Reduction While Maintaining Pre-ASIR Image Noise. <i>Radiology</i> , 2014, 270, 223-231.	7.3	41
12	The Clonal Evolution of Metastatic Osteosarcoma as Shaped by Cisplatin Treatment. <i>Molecular Cancer Research</i> , 2019, 17, 895-906.	3.4	40
13	Therapeutic and prognostic insights from the analysis of cancer mutational signatures. <i>Trends in Genetics</i> , 2022, 38, 194-208.	6.7	39
14	How to Appropriately Calculate Effective Dose for CT Using Either Size-Specific Dose Estimates or Dose-Length Product. <i>American Journal of Roentgenology</i> , 2015, 204, 953-958.	2.2	37
15	The chemotherapeutic CX-5461 primarily targets TOP2B and exhibits selective activity in high-risk neuroblastoma. <i>Nature Communications</i> , 2021, 12, 6468.	12.8	35
16	The acquisition of molecular drivers in pediatric therapy-related myeloid neoplasms. <i>Nature Communications</i> , 2021, 12, 985.	12.8	31
17	Chemotherapy and mismatch repair deficiency cooperate to fuel TP53 mutagenesis and ALL relapse. <i>Nature Cancer</i> , 2021, 2, 819-834.	13.2	24
18	Enhancer retargeting of <i>CDX2</i> and <i>UBTF::ATXN7L3</i> define a subtype of high-risk B-progenitor acute lymphoblastic leukemia. <i>Blood</i> , 2022, 139, 3519-3531.	1.4	20

#	ARTICLE	IF	CITATIONS
19	Current state of practice regarding digital radiography exposure indicators and deviation indices: Report of <sc>AAPM</sc> Imaging Physics Committee Task Group 232. Medical Physics, 2018, 45, e1146-e1160.	3.0	19
20	Ultralow dose computed tomography attenuation correction for pediatric PET CT using adaptive statistical iterative reconstruction. Medical Physics, 2015, 42, 558-566.	3.0	18
21	Exploration of Coding and Non-coding Variants in Cancer Using GenomePaint. Cancer Cell, 2021, 39, 83-95.e4.	16.8	18
22	The Small GTPase ARF6 Activates PI3K in Melanoma to Induce a Prometastatic State. Cancer Research, 2019, 79, 2892-2908.	0.9	17
23	A 'one-two punch' therapy strategy to target chemoresistance in estrogen receptor positive breast cancer. Translational Oncology, 2021, 14, 100946.	3.7	8
24	JOURNAL CLUB: A Comprehensive Risk Assessment Method for Pediatric Patients Undergoing Research Examinations Using Ionizing Radiation: How We Answered the Institutional Review Board. American Journal of Roentgenology, 2015, 204, W510-W518.	2.2	7
25	The landscape of coding RNA editing events in pediatric cancer. BMC Cancer, 2021, 21, 1233.	2.6	7
26	Development and validation of an open source Monte Carlo dosimetry model for wide-beam CT scanners using Fluka. Journal of Applied Clinical Medical Physics, 2019, 20, 132-147.	1.9	6
27	The Genomic Landscape of Childhood Acute Lymphoblastic Leukemia. Blood, 2019, 134, 649-649.	1.4	5
28	Novel temporal and spatial patterns of metastatic colonization from breast cancer rapid-autopsy tumor biopsies. Genome Medicine, 2021, 13, 170.	8.2	5
29	Therapy-induced mutagenesis in relapsed ALL is supported by mutational signature analysis. Blood, 2020, 136, 2235-2237.	1.4	1
30	Reply to: Radiation dose reduction thanks to split-bolus multi-1 detector computer tomography (MDCT) in children with non-thoracic neuroblastoma. Pediatric Blood and Cancer, 2015, 62, 1867-1867.	1.5	0
31	Abstract 2289: Empowering point-and-click genomic analysis with large pediatric genomic reference data on St. Jude Cloud. , 2021, , .		0
32	Abstract 633: Thiopurines and mismatch repair deficiency cooperate to fuel TP53 mutagenesis and ALL relapse. , 2021, , .		0
33	Abstract 642: Genomes for Kids: Comprehensive DNA and RNA sequencing defining the scope of actionable mutations in pediatric cancer. , 2021, , .		0
34	Mutational Landscape and Temporal Evolution during Treatment of Relapsed Acute Lymphoblastic Leukemia. Blood, 2018, 132, 917-917.	1.4	0