Samuel L Brady

List of Publications by Year
in descending order

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	Therapeutic and prognostic insights from the analysis of cancer mutational signatures. Trends in Genetics, 2022, 38, 194-208.	6.7	39
2	Enhancer retargeting of CDX2 and UBTF::ATXN7L3 define a subtype of high-risk B-progenitor acute lymphoblastic leukemia. Blood, 2022, 139, 3519-3531.	1.4	20
3	A `one-two punch' therapy strategy to target chemoresistance in estrogen receptor positive breast cancer. Translational Oncology, 2021, 14, 100946.	3.7	8
4	Exploration of Coding and Non-coding Variants in Cancer Using GenomePaint. Cancer Cell, 2021, 39, 83-95.e4.	16.8	18
5	The acquisition of molecular drivers in pediatric therapy-related myeloid neoplasms. Nature Communications, 2021, 12, 985.	12.8	31
6	Abstract 2289: Empowering point-and-click genomic analysis with large pediatric genomic reference data on St. Jude Cloud. , 2021, , .		0
7	Genomes for Kids: The Scope of Pathogenic Mutations in Pediatric Cancer Revealed by Comprehensive DNA and RNA Sequencing. Cancer Discovery, 2021, 11, 3008-3027.	9.4	88
8	Abstract 633: Thiopurines and mismatch repair deficiency cooperate to fuel TP53 mutagenesis and ALL relapse. , 2021, , .		0
9	Abstract 642: Genomes for Kids: Comprehensive DNA and RNA sequencing defining the scope of actionable mutations in pediatric cancer. , 2021, , .		0
10	Chemotherapy and mismatch repair deficiency cooperate to fuel TP53 mutagenesis and ALL relapse. Nature Cancer, 2021, 2, 819-834.	13.2	24
11	St. Jude Cloud: A Pediatric Cancer Genomic Data-Sharing Ecosystem. Cancer Discovery, 2021, 11, 1082-1099.	9.4	109
12	Novel temporal and spatial patterns of metastatic colonization from breast cancer rapid-autopsy tumor biopsies. Genome Medicine, 2021, 13, 170.	8.2	5
13	The chemotherapeutic CX-5461 primarily targets TOP2B and exhibits selective activity in high-risk neuroblastoma. Nature Communications, 2021, 12, 6468.	12.8	35
14	The landscape of coding RNA editing events in pediatric cancer. BMC Cancer, 2021, 21, 1233.	2.6	7
15	Pan-neuroblastoma analysis reveals age- and signature-associated driver alterations. Nature Communications, 2020, 11, 5183.	12.8	87
16	Therapy-induced mutagenesis in relapsed ALL is supported by mutational signature analysis. Blood, 2020, 136, 2235-2237.	1.4	1
17	Therapy-induced mutations drive the genomic landscape of relapsed acute lymphoblastic leukemia. Blood, 2020, 135, 41-55.	1.4	171
18	Engineered 3D Model of Cancer Stem Cell Enrichment and Chemoresistance. Neoplasia, 2019, 21, 822-836.	5.3	43

#	Article	IF	Citations
19	The Clonal Evolution of Metastatic Osteosarcoma as Shaped by Cisplatin Treatment. Molecular Cancer Research, 2019, 17, 895-906.	3.4	40
20	The Small GTPase ARF6 Activates PI3K in Melanoma to Induce a Prometastatic State. Cancer Research, 2019, 79, 2892-2908.	0.9	17
21	Multiple ABCB1 transcriptional fusions in drug resistant high-grade serous ovarian and breast cancer. Nature Communications, 2019, 10, 1295.	12.8	133
22	Development and validation of an open source Monte Carlo dosimetry model for wideâ€beam CT scanners using Fluka. Journal of Applied Clinical Medical Physics, 2019, 20, 132-147.	1.9	6
23	The Genomic Landscape of Childhood Acute Lymphoblastic Leukemia. Blood, 2019, 134, 649-649.	1.4	5
24	Current state of practice regarding digital radiography exposure indicators and deviation indices: Report of <scp>AAPM</scp> Imaging Physics Committee Task Group 232. Medical Physics, 2018, 45, e1146-e1160.	3.0	19
25	Mutational Landscape and Temporal Evolution during Treatment of Relapsed Acute Lymphoblastic Leukemia. Blood, 2018, 132, 917-917.	1.4	0
26	Combating subclonal evolution of resistant cancer phenotypes. Nature Communications, 2017, 8, 1231.	12.8	124
27	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
28	How to Appropriately Calculate Effective Dose for CT Using Either Size-Specific Dose Estimates or Dose-Length Product. American Journal of Roentgenology, 2015, 204, 953-958.	2.2	37
29	Ultralow dose computed tomography attenuation correction for pediatric PET CT using adaptive statistical iterative reconstruction. Medical Physics, 2015, 42, 558-566.	3.0	18
30	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
31	Size-specific dose estimate (SSDE) provides a simple method to calculate organ dose for pediatric CT examinations. Medical Physics, 2014, 41, 071917.	3.0	72
32	Pediatric CT: Implementation of ASIR for Substantial Radiation Dose Reduction While Maintaining Pre-ASIR Image Noise. Radiology, 2014, 270, 223-231.	7.3	41
33	Use of Water Equivalent Diameter for Calculating Patient Size and Size-Specific Dose Estimates (SSDE) in CT: The Report of AAPM Task Group 220. AAPM Report, 2014, 2014, 6-23.	2.0	91
34	Investigation of American Association of Physicists in Medicine Report 204 Size-specific Dose Estimates for Pediatric CT Implementation. Radiology, 2012, 265, 832-840.	7.3	117