

Keith L Ligon

List of Publications by Year in descending order

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306
papers

34,591
citations

5126

86
h-index

4622

176
g-index

310
all docs

310
docs citations

310
times ranked

46984
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-institutional study of the frequency, genomic landscape, and outcome of IDH-mutant glioma in pediatrics. <i>Neuro-Oncology</i> , 2023, 25, 199-210.	0.6	6
2	Activity of PD-1 blockade with nivolumab among patients with recurrent atypical/anaplastic meningioma: phase II trial results. <i>Neuro-Oncology</i> , 2022, 24, 101-113.	0.6	38
3	Multimodal platform for assessing drug distribution and response in clinical trials. <i>Neuro-Oncology</i> , 2022, 24, 64-77.	0.6	4
4	A molecularly integrated grade for meningioma. <i>Neuro-Oncology</i> , 2022, 24, 796-808.	0.6	83
5	Liquid biopsy detection of genomic alterations in pediatric brain tumors from cell-free DNA in peripheral blood, CSF, and urine. <i>Neuro-Oncology</i> , 2022, 24, 1352-1363.	0.6	29
6	The Alliance AMBUSH Trial: Rationale and Design. <i>Cancers</i> , 2022, 14, 414.	1.7	5
7	PPM1D mutations are oncogenic drivers of de novo diffuse midline glioma formation. <i>Nature Communications</i> , 2022, 13, 604.	5.8	22
8	DICER1 mutations in primary central nervous system tumors: new insights into histologies, mutations, and prognosis. <i>Journal of Neuro-Oncology</i> , 2022, 157, 499-510.	1.4	2
9	Clinical utility of targeted next-generation sequencing assay in IDH-wildtype glioblastoma for therapy decision-making. <i>Neuro-Oncology</i> , 2022, 24, 1140-1149.	0.6	13
10	Synthetic extracellular matrices and astrocytes provide a supportive microenvironment for the cultivation and investigation of primary pediatric gliomas. <i>Neuro-Oncology Advances</i> , 2022, 4, .	0.4	3
11	Survival outcomes associated with MGMT promoter methylation and temozolomide in gliosarcoma patients. <i>Journal of Neuro-Oncology</i> , 2022, 158, 111-116.	1.4	5
12	LGG-32. Integrated biologic, radiologic and clinical analysis of pediatric low-grade gliomas during and after targeted therapy treatment. <i>Neuro-Oncology</i> , 2022, 24, i95-i95.	0.6	0
13	OTHR-39. Extraneural spreading of a diffuse leptomeningeal glioneuronal tumor in a child: patient-derived models show sensitivity to vinblastin and trametinib. <i>Neuro-Oncology</i> , 2022, 24, i155-i156.	0.6	0
14	DIPG-54. p53 pathway reactivation as a therapeutic strategy in diffuse intrinsic pontine glioma. <i>Neuro-Oncology</i> , 2022, 24, i31-i31.	0.6	0
15	DIPG-44. H3K27-altered diffuse midline gliomas with secondary driver molecular alterations. <i>Neuro-Oncology</i> , 2022, 24, i28-i28.	0.6	1
16	LGG-58. Understanding the transcriptional heterogeneity of pediatric low-grade gliomas and its implication for tumor pathophysiology. <i>Neuro-Oncology</i> , 2022, 24, i101-i102.	0.6	0
17	DIPG-19. FOXR2 is an oncogenic driver across pediatric and adult cancers. <i>Neuro-Oncology</i> , 2022, 24, i21-i22.	0.6	0
18	LGG-48. The influence of different FGFR1 alterations on pediatric low-grade glioma tumor biology and targeted therapy response. <i>Neuro-Oncology</i> , 2022, 24, i99-i99.	0.6	1

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19	LGG-45. Genetic dependencies in MYB/MYBL1-driven pediatric low-grade glioma models. <i>Neuro-Oncology</i> , 2022, 24, i98-i98.	0.6	0
20	Early EEG hyperexcitability is associated with decreased survival in newly diagnosed IDH-wildtype glioma. <i>Journal of Neuro-Oncology</i> , 2022, 159, 211-218.	1.4	6
21	Feasibility and conduct of INSIGHt, a platform trial of patients with glioblastoma using Bayesian adaptive randomization.. <i>Journal of Clinical Oncology</i> , 2022, 40, 2012-2012.	0.8	2
22	Structural variants shape driver combinations and outcomes in pediatric high-grade glioma. <i>Nature Cancer</i> , 2022, 3, 994-1011.	5.7	20
23	Loss of histone H3 trimethylation on lysine 27 and nuclear expression of transducin-like enhancer 1 in primary intracranial sarcoma, DICER1 mutant. <i>Histopathology</i> , 2021, 78, 265-275.	1.6	14
24	Subependymal giant cell astrocytomas are characterized by mTORC1 hyperactivation, a very low somatic mutation rate, and a unique gene expression profile. <i>Modern Pathology</i> , 2021, 34, 264-279.	2.9	16
25	Concurrent Dexamethasone Limits the Clinical Benefit of Immune Checkpoint Blockade in Glioblastoma. <i>Clinical Cancer Research</i> , 2021, 27, 276-287.	3.2	100
26	Targeting Glioblastoma Using a Novel Peptide Specific to a Deglycosylated Isoform of Brevican. <i>Advanced Therapeutics</i> , 2021, 4, 2000244.	1.6	11
27	DDRE-29. DE NOVO PYRIMIDINE SYNTHESIS IS A TARGETABLE VULNERABILITY IN IDH-MUTANT GLIOMA. <i>Neuro-Oncology Advances</i> , 2021, 3, i12-i13.	0.4	1
28	IDH-mutant gliomas with additional class-defining molecular events. <i>Modern Pathology</i> , 2021, 34, 1236-1244.	2.9	13
29	Inhibitory CD161 receptor identified in glioma-infiltrating T cells by single-cell analysis. <i>Cell</i> , 2021, 184, 1281-1298.e26.	13.5	210
30	Prognostication for meningiomas: H3K27me3 to the rescue?. <i>Neuro-Oncology</i> , 2021, 23, 1218-1219.	0.6	1
31	Preliminary results of the abemaciclib arm in the Individualized Screening Trial of Innovative Glioblastoma Therapy (INSIGHt): A phase II platform trial using Bayesian adaptive randomization.. <i>Journal of Clinical Oncology</i> , 2021, 39, 2014-2014.	0.8	10
32	First-in-human CAN-3110 (ICP-34.5 expressing HSV-1 oncolytic virus) in patients with recurrent high-grade glioma.. <i>Journal of Clinical Oncology</i> , 2021, 39, 2009-2009.	0.8	3
33	Evaluating the benefit of adaptive randomization in the CC-115 arm of the Individualized Screening Trial of Innovative Glioblastoma Therapy (INSIGHt): A phase II randomized Bayesian adaptive platform trial in newly diagnosed MGMT unmethylated glioblastoma.. <i>Journal of Clinical Oncology</i> , 2021, 39, 2006-2006.	0.8	5
34	LGG-03. LONG-TERM FOLLOW UP OF TARGETED THERAPY IN PEDIATRIC LOW-GRADE GLIOMAS: THE DANA-FARBER/BOSTON CHILDREN'S EXPERIENCE. <i>Neuro-Oncology</i> , 2021, 23, i31-i31.	0.6	0
35	Abstract 1816: Phenogenomic characterization of immunomodulatory purinergic signaling in glioblastoma. , 2021, , .		0
36	Mutational burden and immune recognition of gliomas. <i>Current Opinion in Oncology</i> , 2021, 33, 626-634.	1.1	5

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37	Molecular Alterations in Pediatric Low-Grade Gliomas That Led to Death. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 1052-1059.	0.9	7
38	Effect of PIK3CA variants on glioma-related epilepsy and response to treatment. <i>Epilepsy Research</i> , 2021, 175, 106681.	0.8	5
39	Functional drug susceptibility testing using single-cell mass predicts treatment outcome in patient-derived cancer neurosphere models. <i>Cell Reports</i> , 2021, 37, 109788.	2.9	20
40	EXTH-61. MODULATION OF THE IL-27 RECEPTOR SIGNALING PATHWAY IN GLIOBLASTOMA AND ONCOLYTIC VIROTHERAPY. <i>Neuro-Oncology</i> , 2021, 23, vi177-vi177.	0.6	0
41	Interim Analysis of MmrF Curecloud Research Initiative Identifies High Prevalence and Patterns of Clonal Hematopoiesis of Indeterminate Potential (CHIP) Mutations in a Real World Myeloma Cohort. <i>Blood</i> , 2021, 138, 2197-2197.	0.6	0
42	Isomorphic diffuse glioma is a morphologically and molecularly distinct tumour entity with recurrent gene fusions of MYBL1 or MYB and a benign disease course. <i>Acta Neuropathologica</i> , 2020, 139, 193-209.	3.9	83
43	A large peptidome dataset improves HLA class I epitope prediction across most of the human population. <i>Nature Biotechnology</i> , 2020, 38, 199-209.	9.4	324
44	BPTF regulates growth of adult and pediatric high-grade glioma through the MYC pathway. <i>Oncogene</i> , 2020, 39, 2305-2327.	2.6	31
45	46. PAN-CANCER ANALYSIS OF ORTHOTOPIC PATIENT DERIVED XENOGRAFTS FROM BRAIN METASTASES. <i>Neuro-Oncology Advances</i> , 2020, 2, ii9-ii9.	0.4	0
46	Divergent Roles of PI3K Isoforms in PTEN-Deficient Glioblastomas. <i>Cell Reports</i> , 2020, 32, 108196.	2.9	13
47	Single-Cell RNA-Seq Reveals Cellular Hierarchies and Impaired Developmental Trajectories in Pediatric Ependymoma. <i>Cancer Cell</i> , 2020, 38, 44-59.e9.	7.7	94
48	Epigenomic programming in early fetal brain development. <i>Epigenomics</i> , 2020, 12, 1053-1070.	1.0	9
49	Histone H3.3G34-Mutant Interneuron Progenitors Co-opt PDGFRA for Gliomagenesis. <i>Cell</i> , 2020, 183, 1617-1633.e22.	13.5	93
50	Socioeconomic Disparities Associated With <i>MGMT</i> Promoter Methylation Testing for Patients With Glioblastoma. <i>JAMA Oncology</i> , 2020, 6, 1972.	3.4	22
51	Prediction of Outcomes with a Computational Biology Model in Newly Diagnosed Glioblastoma Patients Treated with Radiation Therapy and Temozolomide. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 716-724.	0.4	7
52	MR Imaging Correlates for Molecular and Mutational Analyses in Children with Diffuse Intrinsic Pontine Glioma. <i>American Journal of Neuroradiology</i> , 2020, 41, 874-881.	1.2	15
53	Tumor Interferon Signaling Is Regulated by a lncRNA INCR1 Transcribed from the PD-L1 Locus. <i>Molecular Cell</i> , 2020, 78, 1207-1223.e8.	4.5	43
54	Early TP53 alterations engage environmental exposures to promote gastric premalignancy in an integrative mouse model. <i>Nature Genetics</i> , 2020, 52, 219-230.	9.4	37

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55	Mechanisms and therapeutic implications of hypermutation in gliomas. <i>Nature</i> , 2020, 580, 517-523.	13.7	374
56	WNT-Activated Medulloblastomas With Hybrid Molecular Subtypes. <i>JCO Precision Oncology</i> , 2020, 4, 348-354.	1.5	5
57	BIOM-44. GENOMIC PREDICTORS OF ADVERSE EVENTS IN NEWLY DIAGNOSED IDH-WILDTYPE GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2020, 22, ii11-ii11.	0.6	1
58	CTNI-11. CC-115 IN NEWLY DIAGNOSED MGMT UNMETHYLATED GLIOBLASTOMA IN THE INDIVIDUALIZED SCREENING TRIAL OF INNOVATIVE GLIOBLASTOMA THERAPY (INSIGHT): A PHASE II RANDOMIZED BAYESIAN ADAPTIVE PLATFORM TRIAL. <i>Neuro-Oncology</i> , 2020, 22, ii43-ii44.	0.6	3
59	IMMU-09. CONCURRENT DEXAMETHASONE LIMITS THE CLINICAL BENEFIT OF IMMUNE CHECKPOINT BLOCKADE IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2020, 22, ii106-ii106.	0.6	1
60	LGG-52. BINIMETINIB IN CHILDREN WITH PROGRESSIVE OR RECURRENT LOW-GRADE GLIOMA NOT ASSOCIATED WITH NEUROFIBROMATOSIS TYPE 1: INITIAL RESULTS FROM A MULTI-INSTITUTIONAL PHASE II STUDY. <i>Neuro-Oncology</i> , 2020, 22, iii376-iii376.	0.6	4
61	Intratumoral drug distribution of adavosertib in patients with glioblastoma: Interim results of phase I study. <i>Journal of Clinical Oncology</i> , 2020, 38, 2568-2568.	0.8	3
62	RARE-07. THE LANDSCAPE OF GENOMIC ALTERATIONS IN ADAMANTINOMATOUS CRANIOPHARYNGIOMAS. <i>Neuro-Oncology</i> , 2020, 22, iii443-iii443.	0.6	0
63	LGG-35. FUNCTIONAL GENOMIC APPROACHES TO IDENTIFY THERAPEUTIC TARGETS IN <i>MYB</i> AND <i>MYBL1</i> EXPRESSING PEDIATRIC LOW-GRADE GLIOMAS. <i>Neuro-Oncology</i> , 2020, 22, iii373-iii373.	0.6	0
64	DIPG-22. DISSECTING THE ONCOGENIC ROLE OF <i>FOXR2</i> IN DIFFUSE INTRINSIC PONTINE GLIOMA. <i>Neuro-Oncology</i> , 2020, 22, iii291-iii291.	0.6	0
65	HGG-52. SUSTAINED RESPONSE TO CRIZOTINIB MONOTHERAPY IN AN INFANT WITH GOPC-ROS1 FUSED CONGENITAL HEMISPHERIC GLIOMA. <i>Neuro-Oncology</i> , 2020, 22, iii353-iii353.	0.6	0
66	EPEN-21. IMPAIRED NEURONAL-GLIAL FATE SPECIFICATION IN PEDIATRIC EPENDYMOMA REVEALED BY SINGLE-CELL RNA-SEQ. <i>Neuro-Oncology</i> , 2020, 22, iii311-iii312.	0.6	0
67	DIPG-53. CHARACTERIZING THE ROLE OF PPM1D MUTATIONS IN THE PATHOGENESIS OF DIFFUSE INTRINSIC PONTINE GLIOMAS (DIPGS). <i>Neuro-Oncology</i> , 2020, 22, iii297-iii297.	0.6	0
68	CTNI-47. PHASE II STUDY OF ABEMACICLIB IN RECURRENT GBM PATIENTS WITH CDKN2A/B LOSS AND INTACT RB. <i>Neuro-Oncology</i> , 2020, 22, ii53-ii53.	0.6	1
69	CTNI-12. PRELIMINARY RESULTS OF THE ABEMACICLIB ARM IN THE INDIVIDUALIZED SCREENING TRIAL OF INNOVATIVE GLIOBLASTOMA THERAPY (INSIGHT): A PHASE II PLATFORM TRIAL USING BAYESIAN ADAPTIVE RANDOMIZATION. <i>Neuro-Oncology</i> , 2020, 22, ii44-ii44.	0.6	5
70	EPCO-35. SINGLE-CELL RNA-SEQ OF PEDIATRIC EPENDYMOMA REVEALS PROGNOSTIC IMPACT OF IMPAIRED NEURONAL-GLIAL FATE SPECIFICATION. <i>Neuro-Oncology</i> , 2020, 22, ii76-ii77.	0.6	0
71	BIOM-61. FUNCTIONAL DIAGNOSTIC TESTING OF LIVE-CELL DRUG RESPONSE USING 3D PATIENT DERIVED GLIOBLASTOMA SPHEROIDS ON THE INCUCYTE PLATFORM. <i>Neuro-Oncology</i> , 2020, 22, ii15-ii15.	0.6	0
72	TMOD-34. PATIENT-DERIVED XENOGRAFT AND CELL LINE MODELS FACILITATE NOVEL TREATMENT DISCOVERY IN CENTRAL NERVOUS SYSTEM LYMPHOMAS. <i>Neuro-Oncology</i> , 2020, 22, ii235-ii235.	0.6	0

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73	PATH-03. CLINICAL UTILITY OF NEXT GENERATION SEQUENCING IN IDH-WILDTYPE GLIOBLASTOMA: THE DANA-FARBER CANCER INSTITUTE EXPERIENCE. <i>Neuro-Oncology</i> , 2020, 22, ii164-ii164.	0.6	0
74	TMOD-03. PAN-CANCER ANALYSIS OF ORTHOTOPIC PATIENT DERIVED XENOGRAPTS FROM BRAIN METASTASES. <i>Neuro-Oncology</i> , 2020, 22, ii228-ii228.	0.6	0
75	RADT-25. EVALUATING LYMPHOCYTE COUNTS IN NEWLY DIAGNOSED GLIOBLASTOMA PATIENTS RECEIVING CHEMORADIATION. <i>Neuro-Oncology</i> , 2020, 22, ii186-ii187.	0.6	0
76	A Next Generation Liquid Biopsy Approach for Multiple Myeloma. <i>Blood</i> , 2020, 136, 33-33.	0.6	0
77	TAMI-45. PHENOGENOMIC CHARACTERIZATION OF IMMUNOMODULATORY PURINERGIC SIGNALING IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2020, 22, ii222-ii223.	0.6	0
78	EPID-11. A MULTI-INSTITUTIONAL COMPARATIVE ANALYSIS OF THE CLINICAL, GENOMIC, AND SURVIVAL CHARACTERISTICS OF PEDIATRIC, YOUNG ADULT AND OLDER ADULT PATIENTS WITH IDH-MUTANT GLIOMA. <i>Neuro-Oncology</i> , 2020, 22, ii80-ii81.	0.6	1
79	PATH-35. A SCALABLE MOLECULARLY INTEGRATED CLASSIFIER FOR MENINGIOMA OUTPERFORMS WHO CLASSIFICATION. <i>Neuro-Oncology</i> , 2020, 22, ii172-ii172.	0.6	0
80	TMOD-14. CREATION OF A GENETICALLY ENGINEERED MOUSE MODEL OF ANAPLASTIC ASTROCYTOMA DRIVEN BY THE IDH1-R132H ONCOGENE. <i>Neuro-Oncology</i> , 2020, 22, ii230-ii231.	0.6	1
81	Mitogenic and progenitor gene programmes in single pilocytic astrocytoma cells. <i>Nature Communications</i> , 2019, 10, 3731.	5.8	45
82	Regulatable interleukin-12 gene therapy in patients with recurrent high-grade glioma: Results of a phase 1 trial. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	170
83	An Integrative Model of Cellular States, Plasticity, and Genetics for Glioblastoma. <i>Cell</i> , 2019, 178, 835-849.e21.	13.5	1,408
84	Resolving medulloblastoma cellular architecture by single-cell genomics. <i>Nature</i> , 2019, 572, 74-79.	13.7	273
85	The medical necessity of advanced molecular testing in the diagnosis and treatment of brain tumor patients. <i>Neuro-Oncology</i> , 2019, 21, 1498-1508.	0.6	49
86	MEDU-36. BCL2 FAMILY MEMBERS ATTENUATE RESPONSE OF MYC-DRIVEN MEDULLOBLASTOMAS TO BET-BROMODOMAIN INHIBITION. <i>Neuro-Oncology</i> , 2019, 21, ii110-ii111.	0.6	0
87	Phase II trial of ponatinib in patients with bevacizumab-refractory glioblastoma. <i>Cancer Medicine</i> , 2019, 8, 5988-5994.	1.3	23
88	Tie2-FGFR1 Interaction Induces Adaptive PI3K Inhibitor Resistance by Upregulating Aurora A/PLK1/CDK1 Signaling in Glioblastoma. <i>Cancer Research</i> , 2019, 79, 5088-5101.	0.4	17
89	Increasing value of autopsies in patients with brain tumors in the molecular era. <i>Journal of Neuro-Oncology</i> , 2019, 145, 349-355.	1.4	6
90	The functional synergism of microRNA clustering provides therapeutically relevant epigenetic interference in glioblastoma. <i>Nature Communications</i> , 2019, 10, 442.	5.8	86

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91	DIPG-12. CHARACTERIZING THE ROLE OF PPM1D MUTATIONS IN THE PATHOGENESIS OF DIFFUSE INTRINSIC PONTINE GLIOMAS (DIPGs). <i>Neuro-Oncology</i> , 2019, 21, ii70-ii71.	0.6	0
92	Neuronal differentiation and cell-cycle programs mediate response to BET-bromodomain inhibition in MYC-driven medulloblastoma. <i>Nature Communications</i> , 2019, 10, 2400.	5.8	37
93	Recurrent EP300-BCOR Fusions in Pediatric Gliomas With Distinct Clinicopathologic Features. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 305-314.	0.9	29
94	CHD4 regulates the DNA damage response and RAD51 expression in glioblastoma. <i>Scientific Reports</i> , 2019, 9, 4444.	1.6	33
95	Buparlisib in Patients With Recurrent Glioblastoma Harboring Phosphatidylinositol 3-Kinase Pathway Activation: An Open-Label, Multicenter, Multi-Arm, Phase II Trial. <i>Journal of Clinical Oncology</i> , 2019, 37, 741-750.	0.8	103
96	Molecular profiling and targeted therapy in pediatric gliomas: review and consensus recommendations. <i>Neuro-Oncology</i> , 2019, 21, 968-980.	0.6	52
97	Implementing Patient-Derived Xenografts to Assess the Effectiveness of Cyclin-Dependent Kinase Inhibitors in Glioblastoma. <i>Cancers</i> , 2019, 11, 2005.	1.7	10
98	Longitudinal molecular trajectories of diffuse glioma in adults. <i>Nature</i> , 2019, 576, 112-120.	13.7	320
99	miR-4516 predicts poor prognosis and functions as a novel oncogene via targeting PTPN14 in human glioblastoma. <i>Oncogene</i> , 2019, 38, 2923-2936.	2.6	45
100	Neoantigen vaccine generates intratumoral T cell responses in phase Ib glioblastoma trial. <i>Nature</i> , 2019, 565, 234-239.	13.7	956
101	Clinical Importance of CDKN2A Loss and Monosomy 10 in Pilocytic Astrocytoma. <i>Cureus</i> , 2019, 11, e4726.	0.2	2
102	Developmental and oncogenic programs in H3K27M gliomas dissected by single-cell RNA-seq. <i>Science</i> , 2018, 360, 331-335.	6.0	461
103	Validation of postoperative residual contrast-enhancing tumor volume as an independent prognostic factor for overall survival in newly diagnosed glioblastoma. <i>Neuro-Oncology</i> , 2018, 20, 1240-1250.	0.6	64
104	Phase I/II trial of vorinostat combined with temozolomide and radiation therapy for newly diagnosed glioblastoma: results of Alliance N0874/ABTC 02. <i>Neuro-Oncology</i> , 2018, 20, 546-556.	0.6	93
105	Immunophenotyping of pediatric brain tumors: correlating immune infiltrate with histology, mutational load, and survival and assessing clonal T cell response. <i>Journal of Neuro-Oncology</i> , 2018, 137, 269-278.	1.4	42
106	Nivolumab with or without ipilimumab in patients with recurrent glioblastoma: results from exploratory phase I cohorts of CheckMate 143. <i>Neuro-Oncology</i> , 2018, 20, 674-686.	0.6	364
107	The FDA NIH Biomarkers, EndpointS, and other Tools (BEST) resource in neuro-oncology. <i>Neuro-Oncology</i> , 2018, 20, 1162-1172.	0.6	92
108	DNA methylation-based reclassification of olfactory neuroblastoma. <i>Acta Neuropathologica</i> , 2018, 136, 255-271.	3.9	59

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109	Prospective feasibility and safety assessment of surgical biopsy for patients with newly diagnosed diffuse intrinsic pontine glioma. <i>Neuro-Oncology</i> , 2018, 20, 1547-1555.	0.6	82
110	Intracranial myxoid mesenchymal tumors with <i>EWSR1</i> – <i>CREB</i> family gene fusions: myxoid variant of angiomatoid fibrous histiocytoma or novel entity?. <i>Brain Pathology</i> , 2018, 28, 183-191.	2.1	72
111	Prospective Feasibility Trial for Genomics-Informed Treatment in Recurrent and Progressive Glioblastoma. <i>Clinical Cancer Research</i> , 2018, 24, 295-305.	3.2	68
112	Residual Convolutional Neural Network for the Determination of <i>IDH</i> Status in Low- and High-Grade Gliomas from MR Imaging. <i>Clinical Cancer Research</i> , 2018, 24, 1073-1081.	3.2	297
113	Mismatch Repair Deficiency in High-Grade Meningioma: A Rare but Recurrent Event Associated With Dramatic Immune Activation and Clinical Response to PD-1 Blockade. <i>JCO Precision Oncology</i> , 2018, 1-12.	1.5	35
114	INNV-13. ALLELE: A CONSORTIUM FOR PROSPECTIVE GENOMICS AND FUNCTIONAL DIAGNOSTICS TO GUIDE PATIENT CARE AND TRIAL ANALYSIS IN NEWLY-DIAGNOSED GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018, 20, vi140-vi141.	0.6	0
115	PATH-08. THE IVY GLIOBLASTOMA PATIENT ATLAS - A NOVEL CLINICAL AND RADIO-GENOMICS RESOURCE FOR EARLY PHASE CLINICAL TRIAL DESIGN AND INTERPRETATION. <i>Neuro-Oncology</i> , 2018, 20, vi159-vi159.	0.6	0
116	CMET-45. CHECKPOINT BLOCKADE IMMUNOTHERAPIES FOR MELANOMA BRAIN METASTASES: IMPROVED SURVIVAL OUTCOMES IN A NATIONAL COHORT. <i>Neuro-Oncology</i> , 2018, 20, vi63-vi63.	0.6	0
117	TMOD-14. A PATIENT-DERIVED CANCER CELL LINE ATLAS OF PRIMARY AND METASTATIC CENTRAL NERVOUS SYSTEM TUMORS. <i>Neuro-Oncology</i> , 2018, 20, vi271-vi271.	0.6	0
118	PDTM-06. ALK AMPLIFICATION AND REARRANGEMENTS ARE RECURRENT TARGETABLE EVENTS IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018, 20, vi204-vi205.	0.6	3
119	INNV-22. LIQUID BIOPSY DETECTION OF GENOMIC ALTERATIONS IN PEDIATRIC BRAIN TUMORS FROM CELL FREE DNA IN PERIPHERAL BLOOD, CSF, AND URINE. <i>Neuro-Oncology</i> , 2018, 20, vi142-vi143.	0.6	0
120	PATH-17. INCREASING VALUE OF AUTOPSIES IN PATIENTS WITH BRAIN TUMORS IN THE MOLECULAR ERA. <i>Neuro-Oncology</i> , 2018, 20, vi161-vi162.	0.6	0
121	ACTR-14. PHASE I STUDY OF AZD1775 WITH RADIATION THERAPY (RT) AND TEMOZOLOMIDE (TMZ) IN PATIENTS WITH NEWLY DIAGNOSED GLIOBLASTOMA (GBM) AND EVALUATION OF INTRATUMORAL DRUG DISTRIBUTION (IDD) IN PATIENTS WITH RECURRENT GBM. <i>Neuro-Oncology</i> , 2018, 20, vi13-vi14.	0.6	6
122	PATH-16. MOLECULAR PATHOLOGY AND CLINICAL CHARACTERISTICS OF MMR DEFICIENCY (MMRd) IN DIFFUSE GLIOMAS. <i>Neuro-Oncology</i> , 2018, 20, vi161-vi161.	0.6	0
123	Microfluidic active loading of single cells enables analysis of complex clinical specimens. <i>Nature Communications</i> , 2018, 9, 4784.	5.8	20
124	ATIM-32. PERSONALIZED NEOANTIGEN-TARGETING VACCINE GENERATES ROBUST SYSTEMIC AND INTRATUMORAL T CELL RESPONSES IN GLIOBLASTOMA (GBM) PATIENTS. <i>Neuro-Oncology</i> , 2018, 20, vi8-vi8.	0.6	0
125	Linking single-cell measurements of mass, growth rate, and gene expression. <i>Genome Biology</i> , 2018, 19, 207.	3.8	42
126	TBIO-18. LIQUID BIOPSY DETECTION OF GENOMIC ALTERATIONS IN PEDIATRIC BRAIN TUMORS FROM CELL FREE DNA IN PERIPHERAL BLOOD, CSF, AND URINE. <i>Neuro-Oncology</i> , 2018, 20, i184-i184.	0.6	0

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127	Transaminase Inhibition by 2-Hydroxyglutarate Impairs Glutamate Biosynthesis and Redox Homeostasis in Glioma. <i>Cell</i> , 2018, 175, 101-116.e25.	13.5	234
128	Dual HDAC and PI3K Inhibition Abrogates NF κ B- and FOXM1-Mediated DNA Damage Response to Radiosensitize Pediatric High-Grade Gliomas. <i>Cancer Research</i> , 2018, 78, 4007-4021.	0.4	60
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130	Improved Risk-Adjusted Survival for Melanoma Brain Metastases in the Era of Checkpoint Blockade Immunotherapies: Results from a National Cohort. <i>Cancer Immunology Research</i> , 2018, 6, 1039-1045.	1.6	60
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143	G1 cyclins link proliferation, pluripotency and differentiation of embryonic stem cells. <i>Nature Cell Biology</i> , 2017, 19, 177-188.	4.6	107
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