Keith L Ligon

List of Publications by Year
in descending order

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306 papers	34,591 citations	4388 86 h-index	4014 176 g-index
310 all docs	310 docs citations	310 times ranked	43065 citing authors

#	Article	IF	Citations
1	Multi-institutional study of the frequency, genomic landscape, and outcome of IDH-mutant glioma in pediatrics. Neuro-Oncology, 2023, 25, 199-210.	1.2	6
2	Activity of PD-1 blockade with nivolumab among patients with recurrent atypical/anaplastic meningioma: phase II trial results. Neuro-Oncology, 2022, 24, 101-113.	1.2	38
3	Multimodal platform for assessing drug distribution and response in clinical trials. Neuro-Oncology, 2022, 24, 64-77.	1.2	4
4	A molecularly integrated grade for meningioma. Neuro-Oncology, 2022, 24, 796-808.	1.2	83
5	Liquid biopsy detection of genomic alterations in pediatric brain tumors from cell-free DNA in peripheral blood, CSF, and urine. Neuro-Oncology, 2022, 24, 1352-1363.	1.2	29
6	The Alliance AMBUSH Trial: Rationale and Design. Cancers, 2022, 14, 414.	3.7	5
7	PPM1D mutations are oncogenic drivers of de novo diffuse midline glioma formation. Nature Communications, 2022, 13, 604.	12.8	22
8	DICER1 mutations in primary central nervous system tumors: new insights into histologies, mutations, and prognosis. Journal of Neuro-Oncology, 2022, 157, 499-510.	2.9	2
9	Clinical utility of targeted next-generation sequencing assay in IDH-wildtype glioblastoma for therapy decision-making. Neuro-Oncology, 2022, 24, 1140-1149.	1.2	13
10	Synthetic extracellular matrices and astrocytes provide a supportive microenvironment for the cultivation and investigation of primary pediatric gliomas. Neuro-Oncology Advances, 2022, 4, .	0.7	3
11	Survival outcomes associated with MGMT promoter methylation and temozolomide in gliosarcoma patients. Journal of Neuro-Oncology, 2022, 158, 111-116.	2.9	5
12	LGG-32. Integrated biologic, radiologic and clinical analysis of pediatric low-grade gliomas during and after targeted therapy treatment. Neuro-Oncology, 2022, 24, i95-i95.	1.2	0
13	OTHR-39. Extraneural spreading of a diffuse leptomeningeal glioneuronal tumor in a child: patient-derived models show sensitivity to vinblastin and trametinib. Neuro-Oncology, 2022, 24, i155-i156.	1.2	0
14	DIPG-54. p53 pathway reactivation as a therapeutic strategy in diffuse intrinsic pontine glioma. Neuro-Oncology, 2022, 24, i31-i31.	1.2	0
15	DIPG-44. H3K27-altered diffuse midline gliomas with secondary driver molecular alterations. Neuro-Oncology, 2022, 24, i28-i28.	1.2	1
16	LGG-58. Understanding the transcriptional heterogeneity of pediatric low-grade gliomas and its implication for tumor pathophysiology. Neuro-Oncology, 2022, 24, i101-i102.	1.2	0
17	DIPG-19. FOXR2 is an oncogenic driver across pediatric and adult cancers. Neuro-Oncology, 2022, 24, i21-i22.	1.2	0
18	LGG-48. The influence of different FGFR1 alterations on pediatric low-grade glioma tumor biology and targeted therapy response. Neuro-Oncology, 2022, 24, i99-i99.	1.2	1

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19	LGG-45. Genetic dependencies inMYB/MYBL1-driven pediatric low-grade glioma models. Neuro-Oncology, 2022, 24, i98-i98.	1.2	0
20	Early EEG hyperexcitability is associated with decreased survival in newly diagnosed IDH-wildtype glioma. Journal of Neuro-Oncology, 2022, 159, 211-218.	2.9	6
21	Feasibility and conduct of INSIGhT, a platform trial of patients with glioblastoma using Bayesian adaptive randomization.. Journal of Clinical Oncology, 2022, 40, 2012-2012.	1.6	2
22	Structural variants shape driver combinations and outcomes in pediatric high-grade glioma. Nature Cancer, 2022, 3, 994-1011.	13.2	20
23	Loss of histone H3 trimethylation on lysine 27 and nuclear expression of transducinâ€like enhancer 1 in primary intracranial sarcoma, DICER1 â€mutant. Histopathology, 2021, 78, 265-275.	2.9	14
24	Subependymal giant cell astrocytomas are characterized by mTORC1 hyperactivation, a very low somatic mutation rate, and a unique gene expression profile. Modern Pathology, 2021, 34, 264-279.	5.5	16
25	Concurrent Dexamethasone Limits the Clinical Benefit of Immune Checkpoint Blockade in Glioblastoma. Clinical Cancer Research, 2021, 27, 276-287.	7.0	100
26	Targeting Glioblastoma Using a Novel Peptide Specific to a Deglycosylated Isoform of Brevican. Advanced Therapeutics, 2021, 4, 2000244.	3.2	11
27	DDRE-29. DE NOVO PYRIMIDINE SYNTHESIS IS A TARGETABLE VULNERABILITY IN IDH-MUTANT GLIOMA. Neuro-Oncology Advances, 2021, 3, i12-i13.	0.7	1
28	IDH-mutant gliomas with additional class-defining molecular events. Modern Pathology, 2021, 34, 1236-1244.	5.5	13
29	Inhibitory CD161 receptor identified in glioma-infiltrating TÂcells by single-cell analysis. Cell, 2021, 184, 1281-1298.e26.	28.9	210
30	Prognostication for meningiomas: H3K27me3 to the rescue?. Neuro-Oncology, 2021, 23, 1218-1219.	1.2	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.. Journal of Clinical Oncology, 2021, 39, 2014-2014.	1.6	10
32	First-in-human CAN-3110 (ICP-34.5 expressing HSV-1 oncolytic virus) in patients with recurrent high-grade glioma.. Journal of Clinical Oncology, 2021, 39, 2009-2009.	1.6	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.. Journal of Clinical Oncology, 2021, 39, 2006-2006.	1.6	5
34	LGG-03. LONG-TERM FOLLOW UP OF TARGETED THERAPY IN PEDIATRIC LOW-GRADE GLIOMAS: THE DANA-FARBER/BOSTON CHILDRENâ€™S EXPERIENCE. Neuro-Oncology, 2021, 23, i31-i31.	1.2	0
35	Abstract 1816: Phenogenomic characterization of immunomodulatory purinergic signaling in glioblastoma. , 2021, , .		0
36	Mutational burden and immune recognition of gliomas. Current Opinion in Oncology, 2021, 33, 626-634.	2.4	5

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37	Molecular Alterations in Pediatric Low-Grade Gliomas That Led to Death. Journal of Neuropathology and Experimental Neurology, 2021, 80, 1052-1059.	1.7	7
38	Effect of PIK3CA variants on glioma-related epilepsy and response to treatment. Epilepsy Research, 2021, 175, 106681.	1.6	5
39	Functional drug susceptibility testing using single-cell mass predicts treatment outcome in patient-derived cancer neurosphere models. Cell Reports, 2021, 37, 109788.	6.4	20
40	EXTH-61. MODULATION OF THE IL-27 RECEPTOR SIGNALING PATHWAY IN GLIOBLASTOMA AND ONCOLYTIC VIROTHERAPY. Neuro-Oncology, 2021, 23, vi177-vi177.	1.2	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. Blood, 2021, 138, 2197-2197.	1.4	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. Acta Neuropathologica, 2020, 139, 193-209.	7.7	83
43	A large peptidome dataset improves HLA class I epitope prediction across most of the human population. Nature Biotechnology, 2020, 38, 199-209.	17.5	324
44	BPTF regulates growth of adult and pediatric high-grade glioma through the MYC pathway. Oncogene, 2020, 39, 2305-2327.	5.9	31
45	46. PAN-CANCER ANALYSIS OF ORTHOTOPIC PATIENT DERIVED XENOGRAFTS FROM BRAIN METASTASES. Neuro-Oncology Advances, 2020, 2, ii9-ii9.	0.7	0
46	Divergent Roles of PI3K Isoforms in PTEN-Deficient Glioblastomas. Cell Reports, 2020, 32, 108196.	6.4	13
47	Single-Cell RNA-Seq Reveals Cellular Hierarchies and Impaired Developmental Trajectories in Pediatric Ependymoma. Cancer Cell, 2020, 38, 44-59.e9.	16.8	94
48	Epigenomic programming in early fetal brain development. Epigenomics, 2020, 12, 1053-1070.	2.1	9
49	Histone H3.3G34-Mutant Interneuron Progenitors Co-opt PDGFRA for Gliomagenesis. Cell, 2020, 183, 1617-1633.e22.	28.9	93
50	Socioeconomic Disparities Associated With MGMT Promoter Methylation Testing for Patients With Glioblastoma. JAMA Oncology, 2020, 6, 1972.	7.1	22
51	Prediction of Outcomes with a Computational Biology Model in Newly Diagnosed Glioblastoma Patients Treated with Radiation Therapy and Temozolomide. International Journal of Radiation Oncology Biology Physics, 2020, 108, 716-724.	0.8	7
52	MR Imaging Correlates for Molecular and Mutational Analyses in Children with Diffuse Intrinsic Pontine Glioma. American Journal of Neuroradiology, 2020, 41, 874-881.	2.4	15
53	Tumor Interferon Signaling Is Regulated by a lncRNA INCR1 Transcribed from the PD-L1 Locus. Molecular Cell, 2020, 78, 1207-1223.e8.	9.7	43
54	Early TP53 alterations engage environmental exposures to promote gastric premalignancy in an integrative mouse model. Nature Genetics, 2020, 52, 219-230.	21.4	37

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55	Mechanisms and therapeutic implications of hypermutation in gliomas. Nature, 2020, 580, 517-523.	27.8	374
56	WNT-Activated Medulloblastomas With Hybrid Molecular Subtypes. JCO Precision Oncology, 2020, 4, 348-354.	3.0	5
57	BIOM-44. GENOMIC PREDICTORS OF ADVERSE EVENTS IN NEWLY DIAGNOSED IDH-WILDTYPE GLIOBLASTOMA. Neuro-Oncology, 2020, 22, ii11-ii11.	1.2	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. Neuro-Oncology, 2020, 22, ii43-ii44.	1.2	3
59	IMMU-09. CONCURRENT DEXAMETHASONE LIMITS THE CLINICAL BENEFIT OF IMMUNE CHECKPOINT BLOCKADE IN GLIOBLASTOMA. Neuro-Oncology, 2020, 22, ii106-ii106.	1.2	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. Neuro-Oncology, 2020, 22, iii376-iii376.	1.2	4
61	Intratumoral drug distribution of adavosertib in patients with glioblastoma: Interim results of phase I study.. Journal of Clinical Oncology, 2020, 38, 2568-2568.	1.6	3
62	RARE-07. THE LANDSCAPE OF GENOMIC ALTERATIONS IN ADAMANTINOMATOUS CRANIOPHARYNGIOMAS. Neuro-Oncology, 2020, 22, iii443-iii443.	1.2	0
63	LGG-35. FUNCTIONAL GENOMIC APPROACHES TO IDENTIFY THERAPEUTIC TARGETS IN MYB AND MYBL1 EXPRESSING PEDIATRIC LOW-GRADE GLIOMAS. Neuro-Oncology, 2020, 22, iii373-iii373.	1.2	0
64	DIPG-22. DISSECTING THE ONCOGENIC ROLE OF FOXR2 IN DIFFUSE INTRINSIC PONTINE GLIOMA. Neuro-Oncology, 2020, 22, iii291-iii291.	1.2	0
65	HGG-52. SUSTAINED RESPONSE TO CRIZOTINIB MONOTHERAPY IN AN INFANT WITH GOPC-ROS1 FUSED CONGENITAL HEMISPHERIC GLIOMA. Neuro-Oncology, 2020, 22, iii353-iii353.	1.2	0
66	EPEN-21. IMPAIRED NEURONAL-GLIAL FATE SPECIFICATION IN PEDIATRIC EPENDYMOMA REVEALED BY SINGLE-CELL RNA-SEQ. Neuro-Oncology, 2020, 22, iii311-iii312.	1.2	0
67	DIPG-53. CHARACTERIZING THE ROLE OF PPM1D MUTATIONS IN THE PATHOGENESIS OF DIFFUSE INTRINSIC PONTINE GLIOMAS (DIPGS). Neuro-Oncology, 2020, 22, iii297-iii297.	1.2	0
68	CTNI-47. PHASE II STUDY OF ABEMACICLIB IN RECURRENT GBM PATIENTS WITH CDKN2A/B LOSS AND INTACT RB. Neuro-Oncology, 2020, 22, ii53-ii53.	1.2	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. Neuro-Oncology, 2020, 22, ii44-ii44.	1.2	5
70	EPCO-35. SINGLE-CELL RNA-SEQ OF PEDIATRIC EPENDYMOMA REVEALS PROGNOSTIC IMPACT OF IMPAIRED NEURONAL-GLIAL FATE SPECIFICATION. Neuro-Oncology, 2020, 22, ii76-ii77.	1.2	0
71	BIOM-61. FUNCTIONAL DIAGNOSTIC TESTING OF LIVE-CELL DRUG RESPONSE USING 3D PATIENT DERIVED GLIOBLASTOMA SPHEROIDS ON THE INCUCYTE PLATFORM. Neuro-Oncology, 2020, 22, ii15-ii15.	1.2	0
72	TMOD-34. PATIENT-DERIVED XENOGRAFT AND CELL LINE MODELS FACILITATE NOVEL TREATMENT DISCOVERY IN CENTRAL NERVOUS SYSTEM LYMPHOMAS. Neuro-Oncology, 2020, 22, ii235-ii235.	1.2	0

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73	PATH-03. CLINICAL UTILITY OF NEXT GENERATION SEQUENCING IN IDH-WILDTYPE GLIOBLASTOMA: THE DANA-FARBER CANCER INSTITUTE EXPERIENCE. Neuro-Oncology, 2020, 22, ii164-ii164.	1.2	0
74	TMOD-03. PAN-CANCER ANALYSIS OF ORTHOTOPIC PATIENT DERIVED XENOGRAFTS FROM BRAIN METASTASES. Neuro-Oncology, 2020, 22, ii228-ii228.	1.2	0
75	RADT-25. EVALUATING LYMPHOCYTE COUNTS IN NEWLY DIAGNOSED GLIOBLASTOMA PATIENTS RECEIVING CHEMORADIATION. Neuro-Oncology, 2020, 22, ii186-ii187.	1.2	0
76	A Next Generation Liquid Biopsy Approach for Multiple Myeloma. Blood, 2020, 136, 33-33.	1.4	0
77	TAMI-45. PHENOGENOMIC CHARACTERIZATION OF IMMUNOMODULATORY PURINERGIC SIGNALING IN GLIOBLASTOMA. Neuro-Oncology, 2020, 22, ii222-ii223.	1.2	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. Neuro-Oncology, 2020, 22, ii80-ii81.	1.2	1
79	PATH-35. A SCALABLE MOLECULARLY INTEGRATED CLASSIFIER FOR MENINGIOMA OUTPERFORMS WHO CLASSIFICATION. Neuro-Oncology, 2020, 22, ii172-ii172.	1.2	0
80	TMOD-14. CREATION OF A GENETICALLY ENGINEERED MOUSE MODEL OF ANAPLASTIC ASTROCYTOMA DRIVEN BY THE IDH1-R132H ONCOGENE. Neuro-Oncology, 2020, 22, ii230-ii231.	1.2	1
81	Mitogenic and progenitor gene programmes in single pilocytic astrocytoma cells. Nature Communications, 2019, 10, 3731.	12.8	45
82	Regulatable interleukin-12 gene therapy in patients with recurrent high-grade glioma: Results of a phase 1 trial. Science Translational Medicine, 2019, 11, .	12.4	170
83	An Integrative Model of Cellular States, Plasticity, and Genetics for Glioblastoma. Cell, 2019, 178, 835-849.e21.	28.9	1,408
84	Resolving medulloblastoma cellular architecture by single-cell genomics. Nature, 2019, 572, 74-79.	27.8	273
85	The medical necessity of advanced molecular testing in the diagnosis and treatment of brain tumor patients. Neuro-Oncology, 2019, 21, 1498-1508.	1.2	49
86	MEDU-36. BCL2 FAMILY MEMBERS ATTENUATE RESPONSE OF MYC-DRIVEN MEDULLOBLASTOMAS TO BET-BROMODOMAIN INHIBITION. Neuro-Oncology, 2019, 21, ii110-ii111.	1.2	0
87	Phase II trial of ponatinib in patients with bevacizumabâ€refractory glioblastoma. Cancer Medicine, 2019, 8, 5988-5994.	2.8	23
88	Tie2â€“FGFR1 Interaction Induces Adaptive PI3K Inhibitor Resistance by Upregulating Aurora A/PLK1/CDK1 Signaling in Glioblastoma. Cancer Research, 2019, 79, 5088-5101.	0.9	17
89	Increasing value of autopsies in patients with brain tumors in the molecular era. Journal of Neuro-Oncology, 2019, 145, 349-355.	2.9	6
90	The functional synergism of microRNA clustering provides therapeutically relevant epigenetic interference in glioblastoma. Nature Communications, 2019, 10, 442.	12.8	86

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91	DIPG-12. CHARACTERIZING THE ROLE OF PPM1D MUTATIONS IN THE PATHOGENESIS OF DIFFUSE INTRINSIC PONTINE GLIOMAS (DIPGs). Neuro-Oncology, 2019, 21, ii70-ii71.	1.2	0
92	Neuronal differentiation and cell-cycle programs mediate response to BET-bromodomain inhibition in MYC-driven medulloblastoma. Nature Communications, 2019, 10, 2400.	12.8	37
93	RecurrentEP300-BCORFusions in Pediatric Gliomas With Distinct Clinicopathologic Features. Journal of Neuropathology and Experimental Neurology, 2019, 78, 305-314.	1.7	29
94	CHD4 regulates the DNA damage response and RAD51 expression in glioblastoma. Scientific Reports, 2019, 9, 4444.	3.3	33
95	Buparlisib in Patients With Recurrent Glioblastoma Harboring Phosphatidylinositol 3-Kinase Pathway Activation: An Open-Label, Multicenter, Multi-Arm, Phase II Trial. Journal of Clinical Oncology, 2019, 37, 741-750.	1.6	103
96	Molecular profiling and targeted therapy in pediatric gliomas: review and consensus recommendations. Neuro-Oncology, 2019, 21, 968-980.	1.2	52
97	Implementing Patient-Derived Xenografts to Assess the Effectiveness of Cyclin-Dependent Kinase Inhibitors in Glioblastoma. Cancers, 2019, 11, 2005.	3.7	10
98	Longitudinal molecular trajectories of diffuse glioma in adults. Nature, 2019, 576, 112-120.	27.8	320
99	miR-4516 predicts poor prognosis and functions as a novel oncogene via targeting PTPN14 in human glioblastoma. Oncogene, 2019, 38, 2923-2936.	5.9	45
100	Neoantigen vaccine generates intratumoral T cell responses in phase Ib glioblastoma trial. Nature, 2019, 565, 234-239.	27.8	956
101	Clinical Importance of CDKN2A Loss and Monosomy 10 in Pilocytic Astrocytoma. Cureus, 2019, 11, e4726.	0.5	2
102	Developmental and oncogenic programs in H3K27M gliomas dissected by single-cell RNA-seq. Science, 2018, 360, 331-335.	12.6	461
103	Validation of postoperative residual contrast-enhancing tumor volume as an independent prognostic factor for overall survival in newly diagnosed glioblastoma. Neuro-Oncology, 2018, 20, 1240-1250.	1.2	64
104	Phase I/II trial of vorinostat combined with temozolomide and radiation therapy for newly diagnosed glioblastoma: results of Alliance N0874/ABTC 02. Neuro-Oncology, 2018, 20, 546-556.	1.2	93
105	Immunophenotyping of pediatric brain tumors: correlating immune infiltrate with histology, mutational load, and survival and assessing clonal T cell response. Journal of Neuro-Oncology, 2018, 137, 269-278.	2.9	42
106	Nivolumab with or without ipilimumab in patients with recurrent glioblastoma: results from exploratory phase I cohorts of CheckMate 143. Neuro-Oncology, 2018, 20, 674-686.	1.2	364
107	The FDA NIH Biomarkers, EndpointS, and other Tools (BEST) resource in neuro-oncology. Neuro-Oncology, 2018, 20, 1162-1172.	1.2	92
108	DNA methylation-based reclassification of olfactory neuroblastoma. Acta Neuropathologica, 2018, 136, 255-271.	7.7	59

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109	Prospective feasibility and safety assessment of surgical biopsy for patients with newly diagnosed diffuse intrinsic pontine glioma. Neuro-Oncology, 2018, 20, 1547-1555.	1.2	82
110	Intracranial myxoid mesenchymal tumors with EWSR1â€“CREB family gene fusions: myxoid variant of angiomatoid fibrous histiocytoma or novel entity?. Brain Pathology, 2018, 28, 183-191.	4.1	72
111	Prospective Feasibility Trial for Genomics-Informed Treatment in Recurrent and Progressive Glioblastoma. Clinical Cancer Research, 2018, 24, 295-305.	7.0	68
112	Residual Convolutional Neural Network for the Determination of IDH Status in Low- and High-Grade Gliomas from MR Imaging. Clinical Cancer Research, 2018, 24, 1073-1081.	7.0	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. JCO Precision Oncology, 2018, 2018, 1-12.	3.0	35
114	INNV-13. ALLELE: A CONSORTIUM FOR PROSPECTIVE GENOMICS AND FUNCTIONAL DIAGNOSTICS TO GUIDE PATIENT CARE AND TRIAL ANALYSIS IN NEWLY-DIAGNOSED GLIOBLASTOMA. Neuro-Oncology, 2018, 20, vi140-vi141.	1.2	0
115	PATH-08. THE IVY GLIOBLASTOMA PATIENT ATLAS - A NOVEL CLINICAL AND RADIO-GENOMICS RESOURCE FOR EARLY PHASE CLINICAL TRIAL DESIGN AND INTERPRETATION. Neuro-Oncology, 2018, 20, vi159-vi159.	1.2	0
116	CMET-45. CHECKPOINT BLOCKADE IMMUNOTHERAPIES FOR MELANOMA BRAIN METASTASES: IMPROVED SURVIVAL OUTCOMES IN A NATIONAL COHORT. Neuro-Oncology, 2018, 20, vi63-vi63.	1.2	0
117	TMOD-14. A PATIENT-DERIVED CANCER CELL LINE ATLAS OF PRIMARY AND METASTATIC CENTRAL NERVOUS SYSTEM TUMORS. Neuro-Oncology, 2018, 20, vi271-vi271.	1.2	0
118	PDTM-06. ALK AMPLIFICATION AND REARRANGEMENTS ARE RECURRENT TARGETABLE EVENTS IN GLIOBLASTOMA. Neuro-Oncology, 2018, 20, vi204-vi205.	1.2	3
119	INNV-22. LIQUID BIOPSY DETECTION OF GENOMIC ALTERATIONS IN PEDIATRIC BRAIN TUMORS FROM CELL FREE DNA IN PERIPHERAL BLOOD, CSF, AND URINE. Neuro-Oncology, 2018, 20, vi142-vi143.	1.2	0
120	PATH-17. INCREASING VALUE OF AUTOPSIES IN PATIENTS WITH BRAIN TUMORS IN THE MOLECULAR ERA. Neuro-Oncology, 2018, 20, vi161-vi162.	1.2	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. Neuro-Oncology, 2018, 20, vi13-vi14.	1.2	6
122	PATH-16. MOLECULAR PATHOLOGY AND CLINICAL CHARACTERISTICS OF MMR DEFICIENCY (MMRd) IN DIFFUSE GLIOMAS. Neuro-Oncology, 2018, 20, vi161-vi161.	1.2	0
123	Microfluidic active loading of single cells enables analysis of complex clinical specimens. Nature Communications, 2018, 9, 4784.	12.8	20
124	ATIM-32. PERSONALIZED NEOANTIGEN-TARGETING VACCINE GENERATES ROBUST SYSTEMIC AND INTRATUMORAL T CELL RESPONSES IN GLIOBLASTOMA (GBM) PATIENTS. Neuro-Oncology, 2018, 20, vi8-vi8.	1.2	0
125	Linking single-cell measurements of mass, growth rate, and gene expression. Genome Biology, 2018, 19, 207.	8.8	42
126	TBIO-18. LIQUID BIOPSY DETECTION OF GENOMIC ALTERATIONS IN PEDIATRIC BRAIN TUMORS FROM CELL FREE DNA IN PERIPHERAL BLOOD, CSF, AND URINE. Neuro-Oncology, 2018, 20, i184-i184.	1.2	0

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127	Transaminase Inhibition by 2-Hydroxyglutarate Impairs Glutamate Biosynthesis and Redox Homeostasis in Glioma. Cell, 2018, 175, 101-116.e25.	28.9	234
128	Dual HDAC and PI3K Inhibition Abrogates NFÎºB- and FOXM1-Mediated DNA Damage Response to Radiosensitize Pediatric High-Grade Gliomas. Cancer Research, 2018, 78, 4007-4021.	0.9	60
129	The secreted glycolytic enzyme GPI/AMF stimulates glioblastoma cell migration and invasion in an autocrine fashion but can have anti-proliferative effects. Neuro-Oncology, 2018, 20, 1594-1605.	1.2	21
130	Improved Risk-Adjusted Survival for Melanoma Brain Metastases in the Era of Checkpoint Blockade Immunotherapies: Results from a National Cohort. Cancer Immunology Research, 2018, 6, 1039-1045.	3.4	60
131	Vemurafenib and cobimetinib overcome resistance to vemurafenib in BRAF -mutant ganglioglioma. Neurology, 2018, 91, 523-525.	1.1	19
132	PCLN-07. A 3D HYDROGEL CULTURE SYSTEM FACILITATES STUDY OF PRIMARY PEDIATRIC LOW-GRADE GLIOMA CELLS IN VITRO. Neuro-Oncology, 2018, 20, i156-i156.	1.2	0
133	A PDGFRÎ±-driven mouse model of glioblastoma reveals a stathmin1-mediated mechanism of sensitivity to vinblastine. Nature Communications, 2018, 9, 3116.	12.8	30
134	Effect of dexamethasone in glioblastoma (GBM) patients on systemic and intratumoral T-cell responses induced by personalized neoantigen-targeting vaccine.. Journal of Clinical Oncology, 2018, 36, 2020-2020.	1.6	7
135	Risk-adjusted survival for melanoma brain metastases in the era of checkpoint blockade immunotherapies: Results from a national cohort.. Journal of Clinical Oncology, 2018, 36, 2011-2011.	1.6	0
136	ALLELE: A consortium for prospective genomics and functional diagnostics to guide patient care and trial analysis in newly-diagnosed glioblastoma.. Journal of Clinical Oncology, 2018, 36, 2003-2003.	1.6	1
137	Pediatric low-grade gliomas: implications of the biologic era. Neuro-Oncology, 2017, 19, now209.	1.2	73
138	Multi-omics analysis of primary glioblastoma cell lines shows recapitulation of pivotal molecular features of parental tumors. Neuro-Oncology, 2017, 19, now160.	1.2	33
139	Germline and somatic BAP1 mutations in high-grade rhabdoid meningiomas. Neuro-Oncology, 2017, 19, now235.	1.2	99
140	Multimodal MRI features predict isocitrate dehydrogenase genotype in high-grade gliomas. Neuro-Oncology, 2017, 19, 109-117.	1.2	211
141	Clinical targeted exome-based sequencing in combination with genome-wide copy number profiling: precision medicine analysis of 203 pediatric brain tumors. Neuro-Oncology, 2017, 19, now294.	1.2	54
142	A brain-penetrant RAF dimer antagonist for the noncanonical BRAF oncoprotein of pediatric low-grade astrocytomas. Neuro-Oncology, 2017, 19, now261.	1.2	55
143	G1 cyclins link proliferation, pluripotency and differentiation of embryonic stem cells. Nature Cell Biology, 2017, 19, 177-188.	10.3	107
144	Clinical Identification of Oncogenic Drivers and Copy-Number Alterations in Pituitary Tumors. Endocrinology, 2017, 158, 2284-2291.	2.8	53

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