Alexander Judkins

List of Publications by Year
in descending order

44 papers	2,465 citations	394421 19 h-index	377865 34 g-index
45 all docs	45 docs citations	45 times ranked	5080 citing authors

#	Article	IF	Citations
1	Hypoxia Induces Production of L-2-Hydroxyglutarate. Cell Metabolism, 2015, 22, 304-311.	16.2	374
2	Asparagine Plays a Critical Role in Regulating Cellular Adaptation to Glutamine Depletion. Molecular Cell, 2014, 56, 205-218.	9.7	347
3	Integrated (epi)-Genomic Analyses Identify Subgroup-Specific Therapeutic Targets in CNS Rhabdoid Tumors. Cancer Cell, 2016, 30, 891-908.	16.8	191
4	Immunohistochemical analysis of H3K27me3 demonstrates global reduction in group-A childhood posterior fossa ependymoma and is a powerful predictor of outcome. Acta Neuropathologica, 2017, 134, 705-714.	7.7	168
5	Lowered H3K27me3 and DNA hypomethylation define poorly prognostic pediatric posterior fossa ependymomas. Science Translational Medicine, 2016, 8, 366ra161.	12.4	144
6	Increased viral variants in children and young adults with impaired humoral immunity and persistent SARS-CoV-2 infection: A consecutive case series. EBioMedicine, 2021, 67, 103355.	6.1	128
7	SMARCA4 loss is synthetic lethal with CDK4/6 inhibition in non-small cell lung cancer. Nature Communications, 2019, 10, 557.	12.8	125
8	Efficacy of High-Dose Chemotherapy and Three-Dimensional Conformal Radiation for Atypical Teratoid/Rhabdoid Tumor: A Report From the Children's Oncology Group Trial ACNS0333. Journal of Clinical Oncology, 2020, 38, 1175-1185.	1.6	102
9	Tumor-Associated Macrophages in SHH Subgroup of Medulloblastomas. Clinical Cancer Research, 2015, 21, 1457-1465.	7.0	92
10	Integrated Metabolic and Epigenomic Reprograming by H3K27M Mutations in Diffuse Intrinsic Pontine Gliomas. Cancer Cell, 2020, 38, 334-349.e9.	16.8	87
11	Pathology and diagnosis of SMARCB1-deficient tumors. Cancer Genetics, 2014, 207, 358-364.	0.4	81
12	CDK4/6 inhibitors target SMARCA4-determined cyclin D1 deficiency in hypercalcemic small cell carcinoma of the ovary. Nature Communications, 2019, 10, 558.	12.8	76
13	Timing of Smarcb1 and Nf2 inactivation determines schwannoma versus rhabdoid tumor development. Nature Communications, 2017, 8, 300.	12.8	70
14	Molecular subgroups of medulloblastoma identification using noninvasive magnetic resonance spectroscopy. Neuro-Oncology, 2016, 18, 126-131.	1.2	69
15	OncoKids. Journal of Molecular Diagnostics, 2018, 20, 765-776.	2.8	58
16	Emerging variants of concern in SARS-CoV-2 membrane protein: a highly conserved target with potential pathological and therapeutic implications. Emerging Microbes and Infections, 2021, 10, 885-893.	6.5	44
17	Targeting integrated epigenetic and metabolic pathways in lethal childhood PFA ependymomas. Science Translational Medicine, 2021, 13, eabc0497.	12.4	29
18	A Rapid and Sensitive Next-Generation Sequencing Method to Detect RB1 Mutations Improves Care for Retinoblastoma Patients and Their Families. Journal of Molecular Diagnostics, 2016, 18, 480-493.	2.8	26

#	Article	IF	Citations
19	High Prevalence of SARS-CoV-2 Genetic Variation and D614G Mutation in Pediatric Patients With COVID-19. Open Forum Infectious Diseases, 2021, 8, ofaa551.	0.9	26
20	Advancing biology-based therapeutic approaches for atypical teratoid rhabdoid tumors. Neuro-Oncology, 2020, 22, 944-954.	1.2	25
21	Diffuse intrinsic pontine glioma-like tumor with EZHIP expression and molecular features of PFA ependymoma. Acta Neuropathologica Communications, 2020, 8, 37.	5.2	20
22	SWI/SNF complex heterogeneity is related to polyphenotypic differentiation, prognosis, and immune response in rhabdoid tumors. Neuro-Oncology, 2020, 22, 785-796.	1.2	18
23	Rapidly emerging SARS-CoV-2 B.1.1.7 sub-lineage in the United States of America with spike protein D178H and membrane protein V70L mutations. Emerging Microbes and Infections, 2021, 10, 1293-1299.	6.5	18
24	Epigenetically defined therapeutic targeting in H3.3G34R/V high-grade gliomas. Science Translational Medicine, 2021, 13, eabf7860.	12.4	18
25	Comprehensive Genome Analysis of 6,000 USA SARS-CoV-2 Isolates Reveals Haplotype Signatures and Localized Transmission Patterns by State and by Country. Frontiers in Microbiology, 2020, 11, 573430.	3.5	17
26	Histopathological patterns in atypical teratoid/rhabdoid tumors are related to molecular subgroup. Brain Pathology, 2021, 31, e12967.	4.1	16
27	Ganglioglioma of the Spinal Cord. Journal of Clinical Imaging Science, 2015, 5, 53.	1.1	16
28	SMARCB1 loss induces druggable cyclin D1 deficiency via upregulation of *MIR17HG* in atypical teratoid rhabdoid tumors. Journal of Pathology, 2020, 252, 77-87.	4.5	11
29	Transmission of a TP53 germline mutation from unaffected male carrier associated with pediatric glioblastoma in his child and gestational choriocarcinoma in his female partner. Journal of Physical Education and Sports Management, 2018, 4, a002576.	1.2	8
30	Segmentation of nodular medulloblastoma using Random Walker and Hierarchical Normalized Cuts. , 2011, , .		6
31	Pediatric Atypical Teratoid/Rhabdoid Tumors of the Brain: Identification of Metabolic Subgroups Using In Vivo ^{1}H-MR Spectroscopy. American Journal of Neuroradiology, 2019, 40, 872-877.	2.4	6
32	Evaluation and Diagnosis of Central Nervous System Embryonal Tumors (Non-Medulloblastoma). Pediatric and Developmental Pathology, 2022, 25, 34-45.	1.0	5
33	A texture-based classifier to discriminate anaplastic from non-anaplastic medulloblastoma. , 2011, , .		4
34	Reply to S.A. Upadhyaya. Journal of Clinical Oncology, 2020, 38, 3353-3354.	1.6	4
35	Intraoperative Diagnosis for Pediatric Brain Tumors. Pediatric and Developmental Pathology, 2022, 25, 10-22.	1.0	3
36	Whose Data, Whose Risk? Omics Privacy Concerns Should be Defined by Individuals, not Researchers. American Journal of Bioethics, 2021, 21, 67-70.	0.9	2

#	Article	IF	Citations
37	A Practical Approach to the Evaluation and Diagnosis of Pediatric CNS Tumors. Pediatric and Developmental Pathology, 2022, 25, 6-9.	1.0	1
38	Autopsy findings of previously described case of diffuse intrinsic pontine glioma-like tumor with EZHIP expression and molecular features of PFA ependymoma. Acta Neuropathologica Communications, 2021, 9, 113.	5.2	1
39	MB-34 * MOLECULAR SUBGROUPS OF MEDULLOBLASTOMA IDENTIFICATION USING NON-INVASIVE MAGNETIC RESONANCE SPECTROSCOPY. Neuro-Oncology, 2015, 17, iii27-iii27.	1.2	0
40	PM-02 * CONDITIONAL INACTIVATION OF SMARCB1 IN P0 PERMISSIVE MOUSE CELLS GENERATES RHABDOID TUMORS IN THE PERIPHERAL NERVOUS SYSTEM AND IN THE BRAIN. Neuro-Oncology, 2015, 17, iii31-iii31.	1.2	0
41	AT-23ENCOURAGING SURVIVAL OF PEDIATRIC CENTRAL NERVOUS SYSTEM (CNS) ATYPICAL TERATOID AND RHABDOID TUMOR (AT/RT) TREATED AS PER CHILDREN'S ONCOLOGY GROUP ACNS0333 STUDY: A SINGLE-INSTITUTION EXPERIENCE. Neuro-Oncology, 2016, 18, iii6.3-iii6.	1.2	0
42	AT-21INTEGRATED (EPI)GENOMIC ANALYSES IDENTIFY SUB-GROUP SPECIFIC THERAPEUTIC TARGETS IN CNS RHABDOID TUMORS. Neuro-Oncology, 2016, 18, iii6.1-iii6.	1.2	0
43	Fitting the epigenome into the picture: methylation classification for paediatric brain tumours. Neuropathology and Applied Neurobiology, 2018, 44, 543-547.	3.2	0
44	ATRT-22. SWI/SNF COMPLEX HETEROGENEITY RELATES WITH POLYPHENOTYPIC DIFFERENTIATION AND THE IMMUNE MICRO ENVIRONMENT IN RHABDOID TUMORS. Neuro-Oncology, 2018, 20, i32-i32.	1.2	0