

# Matija Snuderl

## List of Publications by Year in descending order

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177  
papers

11,824  
citations

61984

43  
h-index

30922

102  
g-index

189  
all docs

189  
docs citations

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times ranked

17479  
citing authors

#	ARTICLE	IF	CITATIONS
1	TSC2-mutant uterine sarcomas with JAZF1-SUZ12 fusions demonstrate hybrid features of endometrial stromal sarcoma and PEComa and are responsive to mTOR inhibition. <i>Modern Pathology</i> , 2022, 35, 117-127.	5.5	16
2	Deep Learning and Pathomics Analyses Reveal Cell Nuclei as Important Features for Mutation Prediction of BRAF-Mutated Melanomas. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1650-1658.e6.	0.7	22
3	Molecular neuropathology: The times they are a-changinâ€™™. <i>Neuro-Oncology</i> , 2022, , .	1.2	0
4	Integrated Analysis of Ovarian Juvenile Granulosa Cell Tumors Reveals Distinct Epigenetic Signatures and Recurrent <i>TERT</i> Rearrangements. <i>Clinical Cancer Research</i> , 2022, 28, 1724-1733.	7.0	8
5	Utility of multimodality molecular profiling for pediatric patients with central nervous system tumors. <i>Neuro-Oncology Advances</i> , 2022, 4, v0ac031.	0.7	1
6	Proteomic differences in hippocampus and cortex of sudden unexplained death in childhood. <i>Acta Neuropathologica</i> , 2022, 143, 585-599.	7.7	7
7	Comprehensive profiling of myxopapillary ependymomas identifies a distinct molecular subtype with relapsing disease. <i>Neuro-Oncology</i> , 2022, 24, 1689-1699.	1.2	11
8	Epigenetic and genomic profiling of chordoid meningioma: implications for clinical management. <i>Acta Neuropathologica Communications</i> , 2022, 10, 56.	5.2	6
9	Thoracic low grade glial neoplasm with concurrent H3 K27M and PTPN11 mutations. <i>Acta Neuropathologica Communications</i> , 2022, 10, 64.	5.2	1
10	Global DNA Methylation Profiles in Peripheral Blood of WTC-Exposed Community Members with Breast Cancer. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5104.	2.6	4
11	DNA methylation as a diagnostic tool. <i>Acta Neuropathologica Communications</i> , 2022, 10, 71.	5.2	24
12	EPEN-18. Oncogenic 3D genome conformations identify novel therapeutic targets in ependymoma. <i>Neuro-Oncology</i> , 2022, 24, i42-i42.	1.2	0
13	ETMR-06. Molecular and clinical characteristics of CNS tumors with <i>BCOR(L1)</i> fusion/internal tandem duplication. <i>Neuro-Oncology</i> , 2022, 24, i50-i50.	1.2	2
14	MEDB-14. Clinical outcome of pediatric medulloblastoma patients with Li-Fraumeni syndrome. <i>Neuro-Oncology</i> , 2022, 24, i107-i107.	1.2	1
15	MEDB-83. A novel epigenetic nanotherapeutic strategy to induce medulloblastoma differentiation. <i>Neuro-Oncology</i> , 2022, 24, i126-i126.	1.2	0
16	HGG-60. Structural variants shape driver combinations and outcomes in pediatric high-grade glioma. <i>Neuro-Oncology</i> , 2022, 24, i75-i76.	1.2	0
17	EPEN-27. Epigenetic dissection of spinal ependymomas (SP-EPN) separates tumors with and without <i>NF2</i> mutation. <i>Neuro-Oncology</i> , 2022, 24, i44-i45.	1.2	0
18	RARE-15. Astroblastoma, <i>MN1</i> altered comprises two molecularly and clinically distinct subgroups defined by the fusion partners <i>BEND2</i> and <i>CXXC5</i> . <i>Neuro-Oncology</i> , 2022, 24, i12-i13.	1.2	1

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19	DNA Methylation Profiling Identifies Subgroups of Lung Adenocarcinoma with Distinct Immune Cell Composition, DNA Methylation Age, and Clinical Outcome. <i>Clinical Cancer Research</i> , 2022, 28, 3824-3835.	7.0	6
20	A Phase I Trial of TB-403 in Relapsed Medulloblastoma, Neuroblastoma, Ewing Sarcoma, and Alveolar Rhabdomyosarcoma. <i>Clinical Cancer Research</i> , 2022, 28, 3950-3957.	7.0	5
21	LMNA- <i>NTRK1</i> rearranged mesenchymal tumor (lipofibromatosis-like neural tumor) mimicking pigmented dermatofibrosarcoma protuberans. <i>Journal of Cutaneous Pathology</i> , 2021, 48, 290-294.	1.3	9
22	Analytical performance of lateral flow immunoassay for SARS-CoV-2 exposure screening on venous and capillary blood samples. <i>Journal of Immunological Methods</i> , 2021, 489, 112909.	1.4	32
23	Primary mismatch repair deficient IDH-mutant astrocytoma (PMMRDIA) is a distinct type with a poor prognosis. <i>Acta Neuropathologica</i> , 2021, 141, 85-100.	7.7	52
24	Somatic Focal Copy Number Gains of Noncoding Regions of Receptor Tyrosine Kinase Genes in Treatment-Resistant Epilepsy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 160-168.	1.7	7
25	A subset of pediatric-type thalamic gliomas share a distinct DNA methylation profile, H3K27me3 loss and frequent alteration of <i>EGFR</i> . <i>Neuro-Oncology</i> , 2021, 23, 34-43.	1.2	75
26	Molecular classification and deconvolution of the immune microenvironment in glioblastoma. <i>Neuro-Oncology</i> , 2021, 23, 175-176.	1.2	1
27	<i>NTRK2</i> Fusion driven pediatric glioblastoma: Identification of oncogenic Drivers via integrative Genome and transcriptome profiling. <i>Clinical Case Reports (discontinued)</i> , 2021, 9, 1472-1477.	0.5	3
28	Molecular Signatures of Chromosomal Instability Correlate With Copy Number Variation Patterns and Patient Outcome in IDH-Mutant and IDH-Wildtype Astrocytomas. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 354-365.	1.7	12
29	Molecular classification of a complex structural rearrangement of the <i>RB1</i> locus in an infant with sporadic, isolated, intracranial, sellar region retinoblastoma. <i>Acta Neuropathologica Communications</i> , 2021, 9, 61.	5.2	5
30	Cross-Species Genomics Reveals Oncogenic Dependencies in ZFTA/ <i>C11orf95</i> Fusion-Positive Supratentorial Ependymomas. <i>Cancer Discovery</i> , 2021, 11, 2230-2247.	9.4	39
31	Genome-wide association study to reveal novel germline markers of melanoma survival.. <i>Journal of Clinical Oncology</i> , 2021, 39, 9581-9581.	1.6	0
32	Molecular analysis of encapsulated papillary carcinoma of the breast with and without invasion. <i>Human Pathology</i> , 2021, 111, 67-74.	2.0	7
33	Spatial progression and molecular heterogeneity of IDH-mutant glioblastoma determined by DNA methylation-based mapping. <i>Acta Neuropathologica Communications</i> , 2021, 9, 120.	5.2	6
34	Abstract CT015: A phase 1 dose escalation study of TB-403 in pediatric relapsed or refractory medulloblastoma, neuroblastoma, Ewing sarcoma, or alveolar rhabdomyosarcoma. , 2021, , .		1
35	Comparison of solid tissue sequencing and liquid biopsy accuracy in identification of clinically relevant gene mutations and rearrangements in lung adenocarcinomas. <i>Modern Pathology</i> , 2021, 34, 2168-2174.	5.5	21
36	Functional Characterization of Brain Tumor-Initiating Cells and Establishment of GBM Preclinical Models that Incorporate Heterogeneity, Therapy, and Sex Differences. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 2585-2597.	4.1	16

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37	Recurrent fusions in <i>PLAGL1</i> define a distinct subset of pediatric-type supratentorial neuroepithelial tumors. <i>Acta Neuropathologica</i> , 2021, 142, 827-839.	7.7	33
38	Molecular Pathology of Gliomas. <i>Surgical Pathology Clinics</i> , 2021, 14, 379-386.	1.7	18
39	Sarcoma classification by DNA methylation profiling. <i>Nature Communications</i> , 2021, 12, 498.	12.8	237
40	Clear cell meningiomas are defined by a highly distinct DNA methylation profile and mutations in <i>SMARCE1</i> . <i>Acta Neuropathologica</i> , 2021, 141, 281-290.	7.7	31
41	<i>YAP1-FAM118B</i> Fusion Defines a Rare Subset of Childhood and Young Adulthood Meningiomas. <i>American Journal of Surgical Pathology</i> , 2021, 45, 329-340.	3.7	14
42	Integrated Molecular-Morphologic Meningioma Classification: A Multicenter Retrospective Analysis, Retrospectively and Prospectively Validated. <i>Journal of Clinical Oncology</i> , 2021, 39, 3839-3852.	1.6	93
43	Subgroup-specific outcomes of children with malignant childhood brain tumors treated with an irradiation-sparing protocol. <i>Child's Nervous System</i> , 2020, 36, 133-144.	1.1	3
44	Near real-time intraoperative brain tumor diagnosis using stimulated Raman histology and deep neural networks. <i>Nature Medicine</i> , 2020, 26, 52-58.	30.7	413
45	Genomic Molecular Classification of CNS Malignancies. <i>Advances in Anatomic Pathology</i> , 2020, 27, 44-50.	4.3	5
46	Molecular subgrouping of primary pineal parenchymal tumors reveals distinct subtypes correlated with clinical parameters and genetic alterations. <i>Acta Neuropathologica</i> , 2020, 139, 243-257.	7.7	50
47	Using methylation profiling to diagnose systemic metastases of pleomorphic xanthoastrocytoma. <i>Neuro-Oncology Advances</i> , 2020, 2, vdz057.	0.7	2
48	Sequencing identifies multiple early introductions of SARS-CoV-2 to the New York City region. <i>Genome Research</i> , 2020, 30, 1781-1788.	5.5	66
49	Functional Precision Medicine Identifies New Therapeutic Candidates for Medulloblastoma. <i>Cancer Research</i> , 2020, 80, 5393-5407.	0.9	38
50	Expression profiling of the adhesion G protein-coupled receptor GPR133 ( <i>ADGRD1</i> ) in glioma subtypes. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa053.	0.7	13
51	Molecular Correlates of Long Survival in IDH-Wildtype Glioblastoma Cohorts. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 843-854.	1.7	32
52	Molecular and clinicopathologic features of gliomas harboring <i>NTRK</i> fusions. <i>Acta Neuropathologica Communications</i> , 2020, 8, 107.	5.2	84
53	Genome-Wide DNA Methylation Profiles in Community Members Exposed to the World Trade Center Disaster. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5493.	2.6	13
54	Anaplastic Transformation in Myxopapillary Ependymoma: A Report of 2 Cases and Review of the Literature. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 1044-1053.	1.7	4

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55	COVID-19-Induced Neurovascular Injury: a Case Series with Emphasis on Pathophysiological Mechanisms. <i>SN Comprehensive Clinical Medicine</i> , 2020, 2, 2109-2125.	0.6	19
56	Correlative study of epigenetic regulation of tumor microenvironment in spindle cell melanomas and cutaneous malignant peripheral nerve sheath tumors. <i>Scientific Reports</i> , 2020, 10, 12996.	3.3	6
57	Limited Environmental Serine and Glycine Confer Brain Metastasis Sensitivity to PHGDH Inhibition. <i>Cancer Discovery</i> , 2020, 10, 1352-1373.	9.4	145
58	MiRâ€1253 exerts tumorâ€suppressive effects in medulloblastoma via inhibition of CDK6 and CD276 (B7â€H3). <i>Brain Pathology</i> , 2020, 30, 732-745.	4.1	35
59	Methylation Profiling of Medulloblastoma in a Clinical Setting Permits Sub-classification and Reveals New Outcome Predictions. <i>Frontiers in Neurology</i> , 2020, 11, 167.	2.4	7
60	Tumor Microenvironment Is Critical for the Maintenance of Cellular States Found in Primary Glioblastomas. <i>Cancer Discovery</i> , 2020, 10, 964-979.	9.4	102
61	Exploring DNA Methylation for Prognosis and Analyzing the Tumor Microenvironment in Pleomorphic Xanthoastrocytoma. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 880-890.	1.7	9
62	Association of Initial Viral Load in Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Patients with Outcome and Symptoms. <i>American Journal of Pathology</i> , 2020, 190, 1881-1887.	3.8	155
63	Feasibility and clinical utility of a pan-solid tumor targeted RNA fusion panel: A single center experience. <i>Experimental and Molecular Pathology</i> , 2020, 114, 104403.	2.1	9
64	Ganglioglioma in a Survivor of Infantile Glioblastoma. <i>Journal of Pediatric Hematology/Oncology</i> , 2020, 42, e56-e60.	0.6	2
65	Novel EWSR1â€VGLL1 fusion in a pediatric neuroepithelial neoplasm. <i>Clinical Genetics</i> , 2020, 97, 791-792.	2.0	5
66	WNT-Activated Medulloblastomas With Hybrid Molecular Subtypes. <i>JCO Precision Oncology</i> , 2020, 4, 348-354.	3.0	5
67	Genomics of MPNST (GeM) Consortium: Rationale and Study Design for Multi-Omic Characterization of NF1-Associated and Sporadic MPNSTs. <i>Genes</i> , 2020, 11, 387.	2.4	16
68	Diffuse midline glioma with novel, potentially targetable, <i>FGFR2â€VPS35</i> fusion. <i>Journal of Physical Education and Sports Management</i> , 2020, 6, a005660.	1.2	5
69	Dissecting the immunosuppressive tumor microenvironments in Glioblastoma-on-a-Chip for optimized PD-1 immunotherapy. <i>ELife</i> , 2020, 9, .	6.0	81
70	MBCL-01. METHYLATION PROFILING OF PEDIATRIC MEDULLOBLASTOMA IN SAUDI ARABIA IN A CLINICAL SETTING PERMITS SUB-CLASSIFICATION AND REVEALS NEW OUTCOME PREDICTIONS. <i>Neuro-Oncology</i> , 2020, 22, iii386-iii387.	1.2	0
71	EPEN-18. CROSS-SPECIES GENOMICS IDENTIFIES GLI2 AS AN ONCOGENE OF C11orf95 FUSION-POSITIVE SUPRATENTORIAL EPENDYMOMA. <i>Neuro-Oncology</i> , 2020, 22, iii311-iii311.	1.2	0
72	Establishing a prognostic threshold for total copy number variation within adult IDH-mutant grade II/III astrocytomas. <i>Acta Neuropathologica Communications</i> , 2019, 7, 121.	5.2	16

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73	Chronic Dengue Virus Panencephalitis in a Patient with Progressive Dementia with Extrapyrarnidal Features. <i>Annals of Neurology</i> , 2019, 86, 695-703.	5.3	24
74	Histone H3K36I mutation in a metastatic histiocytic tumor of the skull and response to sarcoma chemotherapy. <i>Journal of Physical Education and Sports Management</i> , 2019, 5, a004606.	1.2	8
75	Intraosseous Petrous Apex Schwannoma: Case Report and Review of Literature. <i>World Neurosurgery</i> , 2019, 132, 182-187.	1.3	4
76	Revisiting multifocal breast cancer: a clonality study of ductal carcinoma using whole exome sequencing. <i>Human Pathology</i> , 2019, 94, 71-77.	2.0	0
77	Long-term clinical and visual outcomes after surgical resection of pediatric pilocytic/pilomyxoid optic pathway gliomas. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 166-173.	1.3	17
78	GOPC-ROS1 Fusion Due to Microdeletion at 6q22 Is an Oncogenic Driver in a Subset of Pediatric Gliomas and Glioneuronal Tumors. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 1089-1099.	1.7	17
79	Primary CNS Alveolar Rhabdomyosarcoma: Importance of Epigenetic and Transcriptomic Assays for Accurate Diagnosis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 1073-1075.	1.7	6
80	DNA methylation-based classification of sinonasal undifferentiated carcinoma. <i>Modern Pathology</i> , 2019, 32, 1447-1459.	5.5	82
81	MR imaging phenotype correlates with extent of genome-wide copy number abundance in IDH mutant gliomas. <i>Neuroradiology</i> , 2019, 61, 1023-1031.	2.2	8
82	Polysomy is associated with poor outcome in 1p/19q codeleted oligodendroglial tumors. <i>Neuro-Oncology</i> , 2019, 21, 1164-1174.	1.2	12
83	Whole transcriptome analysis identifies upregulated genes and pathways in ductal carcinoma in situ mimicking usual ductal hyperplasia. <i>Human Pathology: Case Reports</i> , 2019, 17, 200308.	0.2	0
84	Total copy number variation as a prognostic factor in adult astrocytoma subtypes. <i>Acta Neuropathologica Communications</i> , 2019, 7, 92.	5.2	48
85	GENE-06. DISTINCT MOLECULAR SUBGROUPS OF TUMORS OF THE PINEAL REGION CORRELATE WITH CLINICAL PARAMETERS AND GENETIC ALTERATIONS. <i>Neuro-Oncology</i> , 2019, 21, ii81-ii82.	1.2	0
86	Genome-Wide Analysis of Glioblastoma Patients with Unexpectedly Long Survival. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 501-507.	1.7	15
87	Modeling Patient-Derived Glioblastoma with Cerebral Organoids. <i>Cell Reports</i> , 2019, 26, 3203-3211.e5.	6.4	293
88	Recurrent EP300-BCOR Fusions in Pediatric Gliomas With Distinct Clinicopathologic Features. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 305-314.	1.7	29
89	ATIM-37. PHASE II, OPEN-LABEL, SINGLE ARM, MULTICENTER STUDY OF AVELUMAB WITH HYPOFRACTIONATED RADIATION (HFRT) FOR ADULT PATIENTS WITH SECONDARILY TRANSFORMED IDH-MUTANT GLIOBLASTOMA (GBM). <i>Neuro-Oncology</i> , 2019, 21, vi9-vi10.	1.2	3
90	PATH-40. PROFILING PLEOMORPHIC XANTHROASTROCYTOMA WITH DNA METHYLATION AND EXPLORING THE TUMOR IMMUNE CELL-TYPE COMPOSITION WITH METHYLATION-BASED DECONVOLUTION. <i>Neuro-Oncology</i> , 2019, 21, vi152-vi152.	1.2	0

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91	Functional and topographic effects on DNA methylation in IDH1/2 mutant cancers. <i>Scientific Reports</i> , 2019, 9, 16830.	3.3	29
92	GENE-62. IDENTIFICATION OF FGFR4 p.G388R VARIANT IN CEREBELLAR HEMANGIOBLASTOMAS. <i>Neuro-Oncology</i> , 2019, 21, vi111-vi111.	1.2	0
93	NIMG-09. NONINVASIVE PERFUSION IMAGING BIOMARKER OF MALIGNANT GENOTYPE IN ISOCITRATE DEHYDROGENASE MUTANT GLIOMAS. <i>Neuro-Oncology</i> , 2019, 21, vi163-vi163.	1.2	0
94	The molecular landscape of ETMR at diagnosis and relapse. <i>Nature</i> , 2019, 576, 274-280.	27.8	94
95	There is an exception to every rule—T2-FLAIR mismatch sign in gliomas. <i>Neuroradiology</i> , 2019, 61, 225-227.	2.2	52
96	Cell Surface Notch Ligand DLL3 is a Therapeutic Target in Isocitrate Dehydrogenase mutant Glioma. <i>Clinical Cancer Research</i> , 2019, 25, 1261-1271.	7.0	50
97	BCAT1 and miR-2504: novel methylome signature distinguishes spindle/desmoplastic melanoma from superficial malignant peripheral nerve sheath tumor. <i>Modern Pathology</i> , 2019, 32, 338-345.	5.5	8
98	Plasma cell-free circulating tumor DNA (ctDNA) detection in longitudinally followed glioblastoma patients using <i>TERT</i> promoter mutation-specific droplet digital PCR assays. <i>Journal of Clinical Oncology</i> , 2019, 37, 2026-2026.	1.6	11
99	Genomic Applications in Brain Tumors. , 2019, , 289-308.		0
100	Single cell analysis of urothelial carcinoma (UC) liver metastases identifies epithelial-mesenchymal transition (EMT) as a potential mechanism of resistance to immunotherapy. <i>Journal of Clinical Oncology</i> , 2019, 37, e16018-e16018.	1.6	0
101	A recurrent kinase domain mutation in PRKCA defines chordoid glioma of the third ventricle. <i>Nature Communications</i> , 2018, 9, 810.	12.8	56
102	Cardiac arrhythmia and neuroexcitability gene variants in resected brain tissue from patients with sudden unexpected death in epilepsy (SUDEP). <i>Npj Genomic Medicine</i> , 2018, 3, 9.	3.8	43
103	Loss of histone H3K27me3 identifies a subset of meningiomas with increased risk of recurrence. <i>Acta Neuropathologica</i> , 2018, 135, 955-963.	7.7	109
104	Hacking macrophage-associated immunosuppression for regulating glioblastoma angiogenesis. <i>Biomaterials</i> , 2018, 161, 164-178.	11.4	184
105	Whole Genome DNA Methylation Analysis of Human Glioblastoma Using Illumina BeadArrays. <i>Methods in Molecular Biology</i> , 2018, 1741, 31-51.	0.9	36
106	Programmed death ligand 1 expression and tumor infiltrating lymphocytes in neurofibromatosis type 1 and 2 associated tumors. <i>Journal of Neuro-Oncology</i> , 2018, 138, 183-190.	2.9	54
107	DNA methylation-based classification of central nervous system tumours. <i>Nature</i> , 2018, 555, 469-474.	27.8	1,872
108	Rapid Intraoperative Diagnosis of Pediatric Brain Tumors Using Stimulated Raman Histology. <i>Cancer Research</i> , 2018, 78, 278-289.	0.9	98



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109	Pre-treatment lymphopenia and indication of tumor-induced systemic immunosuppression in medulloblastoma. <i>Journal of Neuro-Oncology</i> , 2018, 136, 541-544.	2.9	14
110	GENE-14. DNA METHYLATION AND PROTEOMIC ALTERATIONS IDENTIFY HISTOLOGICALLY-DEFINED TUMOR CELL POPULATIONS AND CHARACTERIZE INTRATUMOR HETEROGENEITY IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018, 20, vi105-vi105.	1.2	0
111	TBIO-16. AUTOMATED CELL ENRICHMENT AND DIGITAL CELL SORTING USING DIELECTROPHORETIC ARRAYS FOR ISOLATION OF CIRCULATING TUMOR CELLS IN PEDIATRIC BRAIN TUMOR PATIENTS. <i>Neuro-Oncology</i> , 2018, 20, i183-i183.	1.2	0
112	GENE-16. CLINICALLY AGGRESSIVE MENINGIOMAS ARE CHARACTERIZED BY MUTATIONAL SIGNATURES ASSOCIATED WITH DEFECTIVE DNA REPAIR AND MUTATIONS IN CHROMATIN REMODELING GENES. <i>Neuro-Oncology</i> , 2018, 20, vi106-vi106.	1.2	0
113	PDTM-38. PEDIATRIC MENINGIOMAS ARE CHARACTERIZED BY DISTINCT METHYLATION PROFILES DIFFERENT FROM ADULT MENINGIOMAS. <i>Neuro-Oncology</i> , 2018, 20, vi212-vi212.	1.2	1
114	MNGI-14. LOSS OF HISTONE H3K27me3 IDENTIFIES A SUBSET OF MENINGIOMAS WITH INCREASED RISK OF RECURRENCE. <i>Neuro-Oncology</i> , 2018, 20, vi151-vi151.	1.2	0
115	High-Grade Glioma, Including Diffuse Intrinsic Pontine Glioma. , 2018, , 193-221.		0
116	Classification and mutation prediction from non- $\mu$ small cell lung cancer histopathology images using deep learning. <i>Nature Medicine</i> , 2018, 24, 1559-1567.	30.7	1,768
117	Predicting Genotype and Survival in Glioma Using Standard Clinical MR Imaging Apparent Diffusion Coefficient Images: A Pilot Study from The Cancer Genome Atlas. <i>American Journal of Neuroradiology</i> , 2018, 39, 1814-1820.	2.4	53
118	NFM-11. PEDIATRIC MENINGIOMAS ARE MOLECULARLY DISTINCT FROM ADULT COUNTERPARTS. <i>Neuro-Oncology</i> , 2018, 20, i144-i145.	1.2	1
119	Aspartate is a limiting metabolite for cancer cell proliferation under hypoxia and in tumours. <i>Nature Cell Biology</i> , 2018, 20, 775-781.	10.3	311
120	Recurrent homozygous deletion of DROSHA and microduplication of PDE4DIP in pineoblastoma. <i>Nature Communications</i> , 2018, 9, 2868.	12.8	54
121	A case of molecularly profiled extraneural medulloblastoma metastases in a child. <i>BMC Medical Genetics</i> , 2018, 19, 10.	2.1	3
122	Genetic and Epigenetic Features of Rapidly Progressing IDH-Mutant Astrocytomas. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 542-548.	1.7	34
123	Primary intracranial spindle cell sarcoma with rhabdomyosarcoma-like features share a highly distinct methylation profile and DICER1 mutations. <i>Acta Neuropathologica</i> , 2018, 136, 327-337.	7.7	104
124	DNA methylation-based classifier for diagnosis of endometrial cancer.. <i>Journal of Clinical Oncology</i> , 2018, 36, e17570-e17570.	1.6	0
125	Rapid intraoperative histology of unprocessed surgical specimens via fibre-laser-based stimulated Raman scattering microscopy. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	374
126	Mutant IDH1 and seizures in patients with glioma. <i>Neurology</i> , 2017, 88, 1805-1813.	1.1	167



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127	Rapid progression to glioblastoma in a subset of IDH-mutated astrocytomas: a genome-wide analysis. <i>Journal of Neuro-Oncology</i> , 2017, 133, 183-192.	2.9	30
128	Low-Grade Astrocytoma Mutations in IDH1, P53, and ATRX Cooperate to Block Differentiation of Human Neural Stem Cells via Repression of SOX2. <i>Cell Reports</i> , 2017, 21, 1267-1280.	6.4	95
129	Immunohistochemical analysis of H3K27me3 demonstrates global reduction in group-A childhood posterior fossa ependymoma and is a powerful predictor of outcome. <i>Acta Neuropathologica</i> , 2017, 134, 705-714.	7.7	168
130	T2-FLAIR Mismatch, an Imaging Biomarker for IDH and 1p/19q Status in Lower-grade Gliomas: A TCGA/TCIA Project. <i>Clinical Cancer Research</i> , 2017, 23, 6078-6085.	7.0	285
131	Osimertinib Dose Escalation Induces Regression of Progressive EGFR T790M Mutant Leptomeningeal Lung Adenocarcinoma. <i>Journal of Thoracic Oncology</i> , 2017, 12, e188-e190.	1.1	13
132	Endothelium-Independent Primitive Myxoid Vascularization Creates Invertebrate-Like Channels to Maintain Blood Supply in Optic Gliomas. <i>American Journal of Pathology</i> , 2017, 187, 1867-1878.	3.8	4
133	Polymorphous low-grade neuroepithelial tumor of the young (PLNTY): an epileptogenic neoplasm with oligodendroglioma-like components, aberrant CD34 expression, and genetic alterations involving the MAP kinase pathway. <i>Acta Neuropathologica</i> , 2017, 133, 417-429.	7.7	172
134	GENE-02. PERIPHERAL BLOOD DNA METHYLATION PROFILES IDENTIFY IDH1/2 MUTATION STATUS IN ADULTS WITH DIFFUSE GLIOMA. <i>Neuro-Oncology</i> , 2017, 19, vi92-vi92.	1.2	0
135	DNA Methylation-Based Classifier for Accurate Molecular Diagnosis of Bone Sarcomas. <i>JCO Precision Oncology</i> , 2017, 2017, 1-11.	3.0	37
136	Apolipoprotein L1 risk variants associate with prevalent atherosclerotic disease in African American systemic lupus erythematosus patients. <i>PLoS ONE</i> , 2017, 12, e0182483.	2.5	21
137	Notch signaling regulates metabolic heterogeneity in glioblastoma stem cells. <i>Oncotarget</i> , 2017, 8, 64932-64953.	1.8	58
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