List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Chromosomal Abnormalities Subdivide Ependymal Tumors into Clinically Relevant Groups. American Journal of Pathology, 2001, 158, 1137-1143.	1.9	137
2	Astroblastoma: Clinicopathologic Features and Chromosomal Abnormalities Defined by Comparative Genomic Hybridization. Brain Pathology, 2000, 10, 342-352.	2.1	127
3	The p38 Mitogen-Activated Protein Kinase Pathway Links the DNA Mismatch Repair System to the G2 Checkpoint and to Resistance to Chemotherapeutic DNA-Methylating Agents. Molecular and Cellular Biology, 2003, 23, 8306-8315.	1.1	125
4	Why do chronic subdural hematomas continue to grow slowly and not coagulate? Role of thrombomodulin in the mechanism. Journal of Neurosurgery, 2002, 96, 877-884.	0.9	103
5	Integrated clinical, histopathological, and molecular data analysis of 190 central nervous system germ cell tumors from the iGCT Consortium. Neuro-Oncology, 2019, 21, 1565-1577.	0.6	74
6	Tissue Microdissection and Degenerate Oligonucleotide Primed-Polymerase Chain Reaction (DOP-PCR) Is an Effective Method to Analyze Genetic Aberrations in Invasive Tumors. Journal of Molecular Diagnostics, 2001, 3, 62-67.	1.2	64
7	Genome-wide methylation profiles in primary intracranial germ cell tumors indicate a primordial germ cell origin for germinomas. Acta Neuropathologica, 2017, 133, 445-462.	3.9	64
8	Subarachnoid Hemorrhage Complicated With Neurogenic Pulmonary Edema and Takotsubo-Like Cardiomyopathy. Neurologia Medico-Chirurgica, 2012, 52, 49-55.	1.0	57
9	Grade II astrocytomas are subgrouped by chromosome aberrations. Cancer Genetics and Cytogenetics, 2003, 142, 1-7.	1.0	51
10	Cerebellopontine angle epidermoid cysts: clinical presentations and surgical outcome. Neurosurgical Review, 2016, 39, 259-267.	1.2	50
11	The Role of Norepinephrine and Estradiol in the Pathogenesis of Cardiac Wall Motion Abnormality Associated With Subarachnoid Hemorrhage. Stroke, 2012, 43, 1897-1903.	1.0	46
12	The role of catecholamines in the pathogenesis of neurogenic pulmonary edema associated with subarachnoid hemorrhage. Acta Neurochirurgica, 2012, 154, 2179-2185.	0.9	42
13	Inhibition of 90-kD heat shock protein potentiates the cytotoxicity of chemotherapeutic agents in human glioma cells. Journal of Neurosurgery, 2010, 112, 33-42.	0.9	38
14	Correlation between IDH, ATRX, and TERT promoter mutations in glioma. Brain Tumor Pathology, 2020, 37, 33-40.	1.1	38
15	The Cdk inhibitor flavopiridol enhances temozolomide-induced cytotoxicity in human glioma cells. Journal of Neuro-Oncology, 2013, 115, 169-178.	1.4	33
16	Delayed repletion of O6-methylguanine—DNA methyltransferase resulting in failure to protect the human glioblastoma cell line SF767 from temozolomide-induced cytotoxicity. Journal of Neurosurgery, 2003, 98, 591-598.	0.9	32
17	GENETIC ABERRATIONS IN GLIOMATOSIS CEREBRI. Neurosurgery, 2007, 60, 150-158.	0.6	32
18	A supratentorial primitive neuroectodermal tumor in an adult: a case report and review of the literature. Journal of Neuro-Oncology, 2008, 86, 217-224.	1.4	30

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19	Association between elevated plasma norepinephrine levels and cardiac wall motion abnormality in poor-grade subarachnoid hemorrhage patients. Neurosurgical Review, 2013, 36, 259-266.	1.2	30
20	Subgrouping of gliomas on the basis of genetic profiles. Brain Tumor Pathology, 2013, 30, 203-208.	1.1	29
21	Cooperative function of Chk1 and p38 pathways in activating G2 arrest following exposure to temozolomide. Journal of Neurosurgery, 2004, 100, 1060-1065.	0.9	26
22	Current and Future Drug Treatments for Glioblastomas. Current Medicinal Chemistry, 2016, 23, 4309-4316.	1.2	25
23	Molecular characteristics of pediatric non-ependymal, non‑pilocytic gliomas associated with resistance to temozolomide. Molecular Medicine Reports, 2011, 4, 1101-5.	1.1	24
24	Clinical characteristics and risk factors of chronic subdural haematoma associated with clipping of unruptured cerebral aneurysms. Journal of Clinical Neuroscience, 2013, 20, 1095-1098.	0.8	24
25	Clinical and Radiographic Features for Differentiating Solitary Fibrous Tumor/Hemangiopericytoma From Meningioma. World Neurosurgery, 2019, 130, e383-e392.	0.7	23
26	Differences between Takotsubo cardiomyopathy and reverse Takotsubo cardiomyopathy associated with subarachnoid hemorrhage. IJC Heart and Vasculature, 2016, 11, 99-103.	0.6	22
27	Prediction of genetic subgroups in adult supra tentorial gliomas by pre- and intraoperative parameters. Journal of Neuro-Oncology, 2017, 131, 403-412.	1.4	22
28	Inhibition of c-Jun N-terminal kinase enhances temozolomide-induced cytotoxicity in human glioma cells. Journal of Neuro-Oncology, 2009, 95, 307-316.	1.4	21
29	Single-Copy Gain of Chromosome 1q Is a Negative Prognostic Marker in Pediatric Nonependymal, Nonpilocytic Gliomas. Neurosurgery, 2011, 68, 206-212.	0.6	21
30	World Health Organization grade <scp>II</scp> – <scp>III</scp> astrocytomas consist of genetically distinct tumor lineages. Cancer Science, 2016, 107, 1159-1164.	1.7	21
31	Differentiating between Central Nervous System Lymphoma and High-grade Glioma Using Dynamic Susceptibility Contrast and Dynamic Contrast-enhanced MR Imaging with Histogram Analysis. Magnetic Resonance in Medical Sciences, 2018, 17, 42-49.	1.1	21
32	Early rebleeding in patients with subarachnoid haemorrhage under intensive blood pressure management. Journal of Clinical Neuroscience, 2015, 22, 1338-1342.	0.8	20
33	Therapeutic outcomes for patients with aneurysmal subarachnoid hemorrhage complicated by Takotsubo cardiomyopathy. Acta Neurochirurgica, 2016, 158, 885-893.	0.9	20
34	Imaging scoring systems for preoperative molecular diagnoses of lower-grade gliomas. Neurosurgical Review, 2019, 42, 433-441.	1.2	19
35	Upfront chemotherapy and subsequent resection for molecularly defined gliomas. Journal of Neuro-Oncology, 2015, 124, 127-135.	1.4	18
36	Biological Significance of Mutant Isocitrate Dehydrogenase 1 and 2 in Gliomagenesis. Neurologia Medico-Chirurgica, 2016, 56, 170-179.	1.0	18

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37	Whole Genome Analysis From Microdissected Tissue Revealed Adult Supratentorial Grade II-III Gliomas Are Divided Into Clinically Relevant Subgroups by Genetic Profile. Neurosurgery, 2011, 69, 376-390.	0.6	17
38	Are there differences between Takotsubo cardiomyopathy and neurogenic stunned myocardium? A prospective observational study. International Journal of Cardiology, 2014, 177, 1108-1110.	0.8	17
39	Study of Changing Intracranial Venous Drainage Patterns in Petroclival Meningioma. World Neurosurgery, 2016, 92, 339-348.	0.7	17
40	Evaluation of Venous Drainage Patterns for Skull Base Meningioma Surgery. Neurologia Medico-Chirurgica, 2017, 57, 505-512.	1.0	17
41	Spontaneous Intracranial Hypotension Manifesting as a Unilateral Subdural Hematoma with a Marked Midline Shift. Case Reports in Neurology, 2015, 7, 71-77.	0.3	15
42	Clinical, histopathological, and molecular analyses of IDH-wild-type WHO grade II–III gliomas to establish genetic predictors of poor prognosis. Brain Tumor Pathology, 2019, 36, 135-143.	1.1	15
43	Chromosome arm 1q gain associated with good response to chemotherapy in a malignant glioma. Journal of Neurosurgery, 2007, 106, 488-494.	0.9	14
44	Early malignant transformation of a petroclival meningothelial meningioma. Neurosurgical Review, 2009, 32, 495-499.	1.2	13
45	Surgical Strategy for and Anatomic Locations of Petroapex and Petroclival Meningiomas Based on Evaluation of the Feeding Artery. World Neurosurgery, 2018, 116, e611-e623.	0.7	13
46	Inhibition of DNA Repair in Combination with Temozolomide or Dianhydrogalactiol Overcomes Temozolomide-Resistant Glioma Cells. Cancers, 2021, 13, 2570.	1.7	13
47	Role of endoscopy in multi-modality monitoring during aneurysm surgery: A single center experience with 175 consecutive unruptured aneurysms. Journal of Innovative Optical Health Sciences, 2015, 10, 52-52.	0.5	13
48	Clinical Importance of c-Met Protein Expression in High Grade Astrocytic Tumors. Neurologia Medico-Chirurgica, 1998, 38, 851-859.	1.0	12
49	Effect of Insular Injury on Autonomic Functions in Patients With Ruptured Middle Cerebral Artery Aneurysms. Stroke, 2013, 44, 3550-3552.	1.0	12
50	A review of cavernous malformations with trigeminal neuralgia. Clinical Neurology and Neurosurgery, 2014, 125, 151-154.	0.6	12
51	Genetic characterization of adult infratentorial gliomas. Journal of Neuro-Oncology, 2009, 91, 251-255.	1.4	11
52	Semi-parametric efficiency bounds for regression models under response-selective sampling: the profile likelihood approach. Annals of the Institute of Statistical Mathematics, 2010, 62, 1023-1052.	0.5	11
53	Cardiac wall motion abnormality associated with spontaneous intracerebral hemorrhage. International Journal of Cardiology, 2013, 168, 1667-1669.	0.8	11
54	The outcomes of early aneurysm repair in World Federation of Neurosurgical Societies grade V subarachnoid haemorrhage patients with emphasis on those presenting with a Glasgow Coma Scale score of 3. Journal of Clinical Neuroscience, 2016, 33, 142-147.	0.8	10

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55	l-asparaginase and 6-diazo-5-oxo-l-norleucine synergistically inhibit the growth of glioblastoma cells. Journal of Neuro-Oncology, 2020, 146, 469-475.	1.4	10
56	Human Glioma Cells Acquire Temozolomide Resistance After Repeated Drug Exposure <i>Via</i> DNA Mismatch Repair Dysfunction. Anticancer Research, 2020, 40, 1315-1323.	0.5	10
57	Diploic veins as collateral venous pathways in patients with dural venous sinus invasion by meningiomas. Acta Neurochirurgica, 2021, 163, 1687-1696.	0.9	10
58	PCR-Based Simple Subgrouping Is Validated for Classification of Gliomas and Defines Negative Prognostic Copy Number Aberrations in IDH Mutant Gliomas. PLoS ONE, 2015, 10, e0142750.	1.1	10
59	Surgical navigation-assisted endoscopic biopsy is feasible for safe and reliable diagnosis of unresectable solid brain tumors. Neurosurgical Review, 2013, 36, 595-601.	1.2	9
60	Perspectives of Small-scale Hydropower Generation Using Irrigation Water in Japan. Japan Agricultural Research Quarterly, 2013, 47, 135-140.	0.1	9
61	Association between mutant IDHs and tumorigenesis in gliomas. Medical Molecular Morphology, 2018, 51, 194-198.	0.4	9
62	Noninvasive Assessment of Stenotic Severity and Plaque Characteristics by Coronary CT Angiography in Patients Scheduled for Carotid Artery Revascularization. Journal of Atherosclerosis and Thrombosis, 2018, 25, 1022-1031.	0.9	9
63	Intraoperative real-time near-infrared optical imaging for the identification of metastatic brain tumors via microscope and exoscope. Neurosurgical Focus, 2021, 50, E11.	1.0	9
64	Remote intracranial recurrence of <i>IDH</i> mutant gliomas is associated with <i>TP53</i> mutations and an 8q gain. Oncotarget, 2017, 8, 84729-84742.	0.8	9
65	Molecular-genetic and clinical characteristics of gliomas with astrocytic appearance and total 1p19q loss in a single institutional consecutive cohort. Oncotarget, 2015, 6, 15871-15881.	0.8	9
66	Predominant expression of OLIG2 over ID2 in oligodendroglial tumors. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2007, 450, 575-584.	1.4	8
67	Dural arteriovenous fistula of the craniocervical junction manifesting as cerebellar haemorrhage. Neuroradiology Journal, 2016, 29, 356-360.	0.6	8
68	Intrathecal administration of colistin for meningitis due to New Delhi metallo-β-lactamase 1(NDM-1)-producing Klebsiella pneumoniae. Journal of Infection and Chemotherapy, 2016, 22, 184-186.	0.8	8
69	Molecular–genetic and clinicopathological prognostic factors in patients with gliomas showing total 1p19q loss: gain of chromosome 19p and histological grade III negatively correlate with patient's prognosis. Journal of Neuro-Oncology, 2017, 132, 119-126.	1.4	8
70	c-Met Expression Is a Useful Marker for Prognosis Prediction in IDH-Mutant Lower-Grade Gliomas and IDH-Wildtype Glioblastomas. World Neurosurgery, 2019, 126, e1042-e1049.	0.7	8
71	The Correlation of Fluorescence of Protoporphyrinogen IX and Status of Isocitrate Dehydrogenase in Gliomas. Neurosurgery, 2020, 87, 408-417.	0.6	8
72	Low tumor cell content predicts favorable prognosis in germinoma patients. Neuro-Oncology Advances, 2021, 3, vdab110.	0.4	8

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73	Clinical characteristics of cerebellar infarction due to arterial dissection. Journal of Innovative Optical Health Sciences, 2018, 13, 995-1000.	0.5	8
74	Radiological features of supratentorial gliomas are associated with their genetic aberrations. Neurosurgical Review, 2014, 37, 291-300.	1.2	7
75	Improvement in patient outcomes following endovascular treatment of WFNS grade V subarachnoid haemorrhage from 2000 to 2014. Journal of Clinical Neuroscience, 2016, 27, 114-118.	0.8	7
76	Magnetic Resonance Imaging and Proton Magnetic Resonance Spectroscopy for Differentiating Between Enhanced Gliomas and Malignant Lymphomas. World Neurosurgery, 2019, 127, e779-e787.	0.7	7
77	Objective and quantitative evaluation of angiographic vascularity in meningioma: parameters of dynamic susceptibility contrast-perfusion-weighted imaging as clinical indicators of preoperative embolization. Neurosurgical Review, 2021, 44, 2629-2638.	1.2	7
78	Determining the extent of tumor resection at surgical planning with 18F-fluciclovine PET/CT in patients with suspected glioma: multicenter phase III trials. Annals of Nuclear Medicine, 2021, 35, 1279-1292.	1.2	7
79	Neurogenic stunned myocardium associated with pediatric brain tumor may not be catecholamine-induced. Annals of Pediatric Cardiology, 2015, 8, 240.	0.2	7
80	Role of catecholamines in acute hypertensive response. Blood Pressure Monitoring, 2015, 20, 132-137.	0.4	6
81	Acute carotid artery stenting in symptomatic high-grade cervical carotid artery stenosis. Neurosurgical Review, 2017, 40, 45-51.	1.2	6
82	Angiotensin II receptor blockers following intravenous nicardipine administration to lower blood pressure in patients with hypertensive intracerebral hemorrhage. Blood Pressure Monitoring, 2017, 22, 34-39.	0.4	6
83	Susceptibility-Weighted Imaging of Deep Venous Congestion in Petroclival Meningioma. World Neurosurgery, 2019, 122, e20-e31.	0.7	6
84	Prediction of trigeminal nerve position based on the main feeding artery in petroclival meningioma. Neurosurgical Review, 2021, 44, 1173-1181.	1.2	6
85	Relationship between systolic blood pressures measured in emergency department and outcomes in patients with subarachnoid hemorrhage. Acute Medicine & Surgery, 2015, 2, 35-39.	0.5	5
86	Novel Application of Time-Spatial Labeling Inversion Pulse Magnetic Resonance Imaging for Diagnosis of External Hydrocephalus. World Neurosurgery, 2018, 109, 197-201.	0.7	5
87	Meningioma of the cerebellopontine angle in identical twins: a case report. Journal of Neuro-Oncology, 2010, 98, 411-415.	1.4	4
88	Efficiency of profile likelihood in semi-parametric models. Annals of the Institute of Statistical Mathematics, 2011, 63, 1247-1275.	0.5	4
89	Clinical, Histological, and Genetic Features of Fourth Ventricle Ependymoma in the Elderly. Neurologia Medico-Chirurgica, 2012, 52, 611-616.	1.0	4
90	Cardiac wall motion abnormality after bleeding from vertebral artery aneurysms. Clinical Autonomic Research, 2014, 24, 259-264.	1.4	4

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91	Hemispheric differences in the surgical outcomes of patients with traumatic acute subdural hematoma. Journal of Negative Results in BioMedicine, 2014, 13, 10.	1.4	4
92	Water management strategies for hydropower annexation at existing irrigation dams in Japan. Paddy and Water Environment, 2015, 13, 229-240.	1.0	4
93	Concurrence of Aneurysmal Subarachnoid Hemorrhage and Stanford Type A Acute Aortic Dissection. Journal of Stroke and Cerebrovascular Diseases, 2016, 25, e86-e88.	0.7	4
94	Joint Modeling of Survival and Longitudinal Ordered Data Using a Semiparametric Approach. Australian and New Zealand Journal of Statistics, 2016, 58, 153-172.	0.4	4
95	Electrocadiographic Scoring Helps Predict Left Ventricular Wall Motion Abnormality Commonly Observed after Subarachnoid Hemorrhage. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 3148-3154.	0.7	4
96	Intravenous sinus meningioma with intraluminal extension to the internal jugular vein: case report and review of the literature. British Journal of Neurosurgery, 2020, , 1-6.	0.4	4
97	Chromosomal abnormalities subdivide neuroepithelial tumors into clinically relevant groups. Keio Journal of Medicine, 2006, 55, 52-58.	0.5	4
98	Rare cases of contrast-induced encephalopathies. Journal of Innovative Optical Health Sciences, 2020, 15, 786-793.	0.5	4
99	Utility of intraoperative real-time near-infrared fluorescence surgery for spinal schwannoma. Neurosurgical Focus Video, 2022, 6, V12.	0.1	4
100	Intraoperative Real-Time Near-Infrared Image-Guided Surgery to Identify Intracranial Meningiomas via Microscope. Frontiers in Neuroscience, 2022, 16, .	1.4	4
101	Cerebral tumor with extensive rhabdoid features and a favorable prognosis. Journal of Neurosurgery, 2009, 111, 492-496.	0.9	3
102	Hemispheric differences in blood pressures of patients with putaminal and thalamic hemorrhages. NeuroReport, 2014, 25, 94-99.	0.6	3
103	Use of a new soft and long coil reduces the number of coils to embolize a small aneurysm. Interventional Neuroradiology, 2015, 21, 161-166.	0.7	3
104	Relevance of Aneurysm Projection and Clinical Outcome in Patients with a Ruptured Anterior Communicating Artery Aneurysm. Surgery for Cerebral Stroke, 2016, 44, 375-380.	0.0	3
105	Association of preoperative seizures with tumor metabolites quantified by magnetic resonance spectroscopy in gliomas. Scientific Reports, 2021, 11, 7927.	1.6	3
106	Subarachnoid hemorrhage caused by an undifferentiated sarcoma of the sellar region. , 2016, 7, 459.		3
107	Predictive value of motor evoked potential monitoring during surgery of unruptured anterior circulation cerebral aneurysms. Journal of Innovative Optical Health Sciences, 2017, 12, 644-647.	0.5	3
108	Primary Intraventricular Brain Abscess Resulting in Isolated Dilation of the Inferior Horn and Unilateral Hydrocephalus. Case Reports in Neurology, 2015, 7, 156-161.	0.3	2

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109	Primary central nervous system lymphomas with massive intratumoral hemorrhage: Clinical, radiological, pathological, and molecular features of six cases. Neuropathology, 2021, 41, 335-348.	0.7	2
110	Infected epidural hematoma of the lumbar spine associated with invasive pneumococcal disease. Journal of Innovative Optical Health Sciences, 2015, 10, 58-58.	0.5	2
111	Contrast-Enhanced Magnetic Resonance Imaging, Perfusion Magnetic Resonance Imaging, and 1H-Magnetic Resonance Spectroscopy Distinguish Primary Central Nervous System Vasculitis from Glioblastoma. World Neurosurgery, 2021, , .	0.7	2
112	Reparametrization of the least favorable submodel in semi-parametric multisample models. Bernoulli, 2012, 18, .	0.7	1
113	Are admission systolic blood pressures predictive of outcomes in patients with spontaneous intracerebral haemorrhage after aggressive blood pressure management?. European Journal of Emergency Medicine, 2015, 22, 170-175.	0.5	1
114	On differentiability of implicitly defined function in semi-parametric profile likelihood estimation. Bernoulli, 2016, 22, .	0.7	1
115	Frequency of Diplopia after Intraoperative Nerve Disturbance in Trochlear Nerve Schwannoma: A Case Report and Systematic Review. Neurologia Medico-Chirurgica, 2021, 61, 591-597.	1.0	1
116	Myoinositol to Total Choline Ratio in Glioblastomas as a Potential Prognostic Factor in Preoperative Magnetic Resonance Spectroscopy. Neurologia Medico-Chirurgica, 2021, 61, 453-460.	1.0	1
117	Application of time-spatial labeling inversion pulse magnetic resonance imaging in the diagnosis of spontaneous intracranial hypotension due to high-flow cerebrospinal fluid leakage at C1-2. , 2016, 7, 1085.		1
118	Recent Advances in Biological Research on Malignant Glioma and Their Therapeutic Relevance(<special issue="">Progress in Treatment for Malignant Gliomas). Japanese Journal of Neurosurgery, 2010, 19, 880-886.</special>	0.0	1
119	Relationship between epicardial adipose tissue and coronary artery stenoses on computed tomography in patients scheduled for carotid artery revascularization. Journal of Cardiology, 2022, 79, 588-595.	0.8	1
120	Biological Responses of Glioma Cell to Chemotherapeutic Agents. , 0, , .		0
121	Hypertrophic pachymeningitis of the craniocervical junction mimicking acute epiglottitis. American Journal of Emergency Medicine, 2016, 34, 2467.e3-2467.e4.	0.7	0
122	Spinal cord injuryâ€induced heterotopic calcification on a balloon of a Foley catheter. Neurology and Clinical Neuroscience, 2018, 6, 155-155.	0.2	0
123	ACT-18 SHOULD THE DOSE OF TEMOZOLOMIDE BE DECREASED FOR PATIENTS WITH HIGH-GRADE GLIOMAS WHO ARE ON HEMODIALYSIS?. Neuro-Oncology Advances, 2019, 1, ii15-ii15.	0.4	Ο
124	Statistical Generalized Derivative Applied to the Profile Likelihood Estimation in a Mixture of Semiparametric Models. Entropy, 2020, 22, 278.	1.1	0
125	Management of Malignant Glioma in the Temozolomide Era(<special issue="">Current Status and) Tj ETQq1 1 0.78</special>	4314 rgB1 0.0	-/Qverlock 1
126	Temporary Worsening of Perianeurysmal Edema Following Clipping of a Partially Thrombosed Giant Pericallosal Artery Aneurysm. Journal of Innovative Optical Health Sciences, 2018, 13, 779-781.	0.5	0

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127	ML-23 The outcome of malignant lymphoma of the central nervous system in a single institution. Neuro-Oncology Advances, 2020, 2, ii18-ii18.	0.4	0
128	BOT-3 Prognostic Factors of CNS Germ Cell Tumors; Molecular and Histopathological Analyses on 154 Cases from the iGCT Consortium. Neuro-Oncology Advances, 2021, 3, vi8-vi9.	0.4	0