Dominique Figarella-Branger

List of Publications by Year
in descending order

85 papers	22,384 citations	100601 38 h-index	56606 87 g-index
92 all docs	92 docs citations	92 times ranked	22933 citing authors

#	Article	IF	Citations
1	Emergence and maintenance of actionable genetic drivers at medulloblastoma relapse. Neuro-Oncology, 2022, 24, 153-165.	0.6	28
2	Lowâ€grade epilepsyâ€associated neuroepithelial tumours with a prominent oligodendrogliomaâ€like component: The diagnostic challenges. Neuropathology and Applied Neurobiology, 2022, 48, .	1.8	7
3	OUP accepted manuscript. Oncologist, 2022, 27, 414-423.	1.9	3
4	Mitochondrial DNA copy number as a prognostic marker is age-dependent in adult glioblastoma. Neuro-Oncology Advances, 2022, 4, vdab191.	0.4	2
5	Adult H3K27M mutated thalamic glioma patients display a better prognosis than unmutated patients. Journal of Neuro-Oncology, 2022, 156, 615-623.	1.4	8
6	Rosetteâ€forming glioneuronal tumours are midline, FGFR1â€mutated tumours. Neuropathology and Applied Neurobiology, 2022, 48, e12813.	1.8	6
7	A2B5 Expression in Central Nervous System and Gliomas. International Journal of Molecular Sciences, 2022, 23, 4670.	1.8	4
8	Characteristics of diffuse hemispheric gliomas, H3 G34-mutant in adults. Neuro-Oncology Advances, 2021, 3, vdab061.	0.4	28
9	Specific and Sensitive Diagnosis of BCOR-ITD in Various Cancers by Digital PCR. Frontiers in Oncology, 2021, 11, 645512.	1.3	8
10	The Implementation of DNA Methylation Profiling into a Multistep Diagnostic Process in Pediatric Neuropathology: A 2-Year Real-World Experience by the French Neuropathology Network. Cancers, 2021, 13, 1377.	1.7	11
11	TEMOBIC: Phase II Trial of Neoadjuvant Chemotherapy for Unresectable Anaplastic Gliomas: An ANOCEF Study. Oncologist, 2021, 26, 647-e1304.	1.9	3
12	Cross-Species Genomics Reveals Oncogenic Dependencies in ZFTA/C11orf95 Fusionâ€“Positive Supratentorial Ependymomas. Cancer Discovery, 2021, 11, 2230-2247.	7.7	39
13	The 2021 WHO Classification of Tumors of the Central Nervous System: a summary. Neuro-Oncology, 2021, 23, 1231-1251.	0.6	4,534
14	Tau Regulates Glioblastoma Progression, 3D Cell Organization, Growth and Migration via the PI3K-AKT Axis. Cancers, 2021, 13, 5818.	1.7	12
15	Kiâ€67 and MCM6 labeling indices are correlated with overall survival in anaplastic oligodendroglioma, IDH1â€mutant and 1p/19qâ€codeleted: a multicenter study from the French POLA network. Brain Pathology, 2020, 30, 465-478.	2.1	20
16	WHO grade has no prognostic value in the pediatric high-grade glioma included in the HERBY trial. Neuro-Oncology, 2020, 22, 116-127.	0.6	26
17	The histomolecular criteria established for adult anaplastic pilocytic astrocytoma are not applicable to the pediatric population. Acta Neuropathologica, 2020, 139, 287-303.	3.9	19
18	Multiplexed Droplet Digital PCR Assays for the Simultaneous Screening of Major Genetic Alterations in Tumors of the Central Nervous System. Frontiers in Oncology, 2020, 10, 579762.	1.3	19

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19	Exclusive Hyperfractionated Radiation Therapy and Reduced Boost Volume for Standard-Risk Medulloblastoma: Pooled Analysis of the 2 French Multicentric Studies MSFOP98 and MSFOP 2007 and Correlation With Molecular Subgroups. International Journal of Radiation Oncology Biology Physics, 2020, 108, 1204-1217.	0.4	11
20	Diffuse leptomeningeal glioneuronal tumor: a double misnomer? A report of two cases. Acta Neuropathologica Communications, 2020, 8, 95.	2.4	22
21	High-grade gliomas in adolescents and young adults highlight histomolecular differences from their adult and pediatric counterparts. Neuro-Oncology, 2020, 22, 1190-1202.	0.6	50
22	cIMPACTâ€NOW update 6: new entity and diagnostic principle recommendations of the cIMPACTâ€Utrecht meeting on future CNS tumor classification and grading. Brain Pathology, 2020, 30, 844-856.	2.1	363
23	HGG-11. HIGH-GRADE GLIOMAS IN ADOLESCENTS AND YOUNG ADULTS HIGHLIGHT HISTOMOLECULAR DIFFERENCES WITH THEIR ADULT AND PAEDIATRIC COUNTERPARTS. Neuro-Oncology, 2020, 22, iii345-iii346.	0.6	0
24	CDKN2A homozygous deletion is a strong adverse prognosis factor in diffuse malignant IDH-mutant gliomas. Neuro-Oncology, 2019, 21, 1519-1528.	0.6	107
25	The level of activity of the alternative lengthening of telomeres correlates with patient age in IDH-mutant ATRX-loss-of-expression anaplastic astrocytomas. Acta Neuropathologica Communications, 2019, 7, 175.	2.4	8
26	Glycolipids Recognized by A2B5 Antibody Promote Proliferation, Migration, and Clonogenicity in Glioblastoma Cells. Cancers, 2019, 11, 1267.	1.7	19
27	Rosette-forming glioneuronal tumors share a distinct DNA methylation profile and mutations in FGFR1, with recurrent co-mutation of PIK3CA and NF1. Acta Neuropathologica, 2019, 138, 497-504.	3.9	57
28	Can histologically normal epileptogenic zone share common electrophysiological phenotypes with focal cortical dysplasia? SEEG-based study in MRI-negative epileptic patients. Journal of Neurology, 2019, 266, 1907-1918.	1.8	9
29	High mitochondrial DNA copy number is associated with longer survival in young patients with glioblastoma. Neuro-Oncology, 2019, 21, 1084-1085.	0.6	9
30	Inhibitor of Apoptosis Proteins Determines Glioblastoma Stem-Like Cell Fate in an Oxygen-Dependent Manner. Stem Cells, 2019, 37, 731-742.	1.4	8
31	Neuro-radiological characteristics of adult diffuse grade II and III insular gliomas classified according to WHO 2016. Journal of Neuro-Oncology, 2019, 142, 511-520.	1.4	9
32	The molecular landscape of ETMR at diagnosis and relapse. Nature, 2019, 576, 274-280.	13.7	94
33	EWSR1â€PATZ1 gene fusion may define a new glioneuronal tumor entity. Brain Pathology, 2019, 29, 53-62.	2.1	61
34	IDH2 mutations are commonly associated with 1p/19q codeletion in diffuse adult gliomas. Neuro-Oncology, 2018, 20, 716-718.	0.6	8
35	cIMPACT-NOW update 2: diagnostic clarifications for diffuse midline glioma, H3 K27M-mutant and diffuse astrocytoma/anaplastic astrocytoma, IDH-mutant. Acta Neuropathologica, 2018, 135, 639-642.	3.9	281
36	cIMPACT-NOW update 1: Not Otherwise Specified (NOS) and Not Elsewhere Classified (NEC). Acta Neuropathologica, 2018, 135, 481-484.	3.9	145

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37	Coâ€•occurrence of histone H3 K27M and BRAF V600E mutations in paediatric midline grade I ganglioglioma. Brain Pathology, 2018, 28, 103-111.	2.1	80
38	Loss of SMARCE1 expression is a specific diagnostic marker of clear cell meningioma: a comprehensive immunophenotypical and molecular analysis. Brain Pathology, 2018, 28, 466-474.	2.1	46
39	Diffuse gliomas with FGFR3â€TACC3 fusion have characteristic histopathological and molecular features. Brain Pathology, 2018, 28, 674-683.	2.1	48
40	MBCL-31. A WHOLE CHROMOSOME ABERRATION PHENOTYPE IN NON-WNT/NON-SHH TUMORS PREDICTS OUTCOME WITHIN STANDARD-RISK MEDULLOBLASTOMAS FROM THE HIT-SIOP-PNET4 CLINICAL TRIAL. Neuro-Oncology, 2018, 20, i123-i123.	0.6	0
41	Somatostatin receptor 2A protein expression characterizes anaplastic oligodendrogliomas with favorable outcome. Acta Neuropathologica Communications, 2018, 6, 89.	2.4	12
42	Psychological impact of von Hippel-Lindau genetic screening in patients with a previous history of hemangioblastoma of the central nervous system. Journal of Psychosocial Oncology, 2018, 36, 624-634.	0.6	4
43	Molecular, Pathological, Radiological, and Immune Profiling of Non-brainstem Pediatric High-Grade Glioma from the HERBY Phase II Randomized Trial. Cancer Cell, 2018, 33, 829-842.e5.	7.7	140
44	Duplications of KIAA1549 and BRAF screening by Droplet Digital PCR from formalin-fixed paraffin-embedded DNA is an accurate alternative for KIAA1549-BRAF fusion detection in pilocytic astrocytomas. Modern Pathology, 2018, 31, 1490-1501.	2.9	29
45	Machine Learning for Better Prognostic Stratification and Driver Gene Identification Using Somatic Copy Number Variations in Anaplastic Oligodendroglioma. Oncologist, 2018, 23, 1500-1510.	1.9	6
46	A recurrent point mutation in PRKCA is a hallmark of chordoid gliomas. Nature Communications, 2018, 9, 2371.	5.8	48
47	Announcing cIMPACT-NOW: the Consortium to Inform Molecular and Practical Approaches to CNS Tumor Taxonomy. Acta Neuropathologica, 2017, 133, 1-3.	3.9	120
48	HGNET-BCOR Tumors of the Cerebellum. American Journal of Surgical Pathology, 2017, 41, 1254-1260.	2.1	49
49	cIMPACTâ€NOW (the consortium to inform molecular and practical approaches to CNS tumor) Tj ETQq1 1 0.784314 rgBT /Overlock 10 27, 851-852.	2.1	63
50	Tumor cells with neuronal intermediate progenitor features define a subgroup of 1p/19q coâ€deleted anaplastic gliomas. Brain Pathology, 2017, 27, 567-579.	2.1	16
51	Sustained Complete Response to Metronomic Chemotherapy in a Child with Refractory Atypical Teratoid Rhabdoid Tumor: A Case Report. Frontiers in Pharmacology, 2017, 8, 792.	1.6	10
52	Droplet digital PCR is a powerful technique to demonstrate frequent FGFR1 duplication in dysembryoplastic neuroepithelial tumors. Oncotarget, 2017, 8, 2104-2113.	0.8	39
53	A Positive Feed-forward Loop Associating EGR1 and PDGFA Promotes Proliferation and Self-renewal in Glioblastoma Stem Cells. Journal of Biological Chemistry, 2016, 291, 10684-10699.	1.6	36
54	Mitotic index, microvascular proliferation, and necrosis define 3 pathological subgroups of prognostic relevance among 1p/19q co-deleted anaplastic oligodendrogliomas. Neuro-Oncology, 2016, 18, 888-890.	0.6	16

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55	Supratentorial clear cell ependymomas with branching capillaries demonstrate characteristic clinicopathological features and pathological activation of nuclear factor-kappaB signaling. Neuro-Oncology, 2016, 18, 919-927.	0.6	68
56	The 2016 World Health Organization Classification of Tumors of the Central Nervous System: a summary. Acta Neuropathologica, 2016, 131, 803-820.	3.9	12,144
57	Prognostic impact of the 2016 WHO classification of diffuse gliomas in the French POLA cohort. Acta Neuropathologica, 2016, 132, 625-634.	3.9	85
58	Integrated multi-omics analysis of oligodendroglial tumours identifies three subgroups of 1p/19q co-deleted gliomas. Nature Communications, 2016, 7, 11263.	5.8	73
59	Somatic gain-of-function HIF2A mutations in sporadic central nervous system hemangioblastomas. Journal of Neuro-Oncology, 2016, 126, 473-481.	1.4	18
60	New Brain Tumor Entities Emerge from Molecular Classification of CNS-PNETs. Cell, 2016, 164, 1060-1072.	13.5	702
61	TheCables1Gene in Glucocorticoid Regulation of Pituitary Corticotrope Growth and Cushing Disease. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 513-522.	1.8	52
62	TP53 codon 72 polymorphism may predict early tumour progression in paediatric pilocytic astrocytoma. Oncotarget, 2016, 7, 47918-47926.	0.8	9
63	Prognostic Relevance of Histomolecular Classification of Diffuse Adult Highâ€Grade Gliomas with Necrosis. Brain Pathology, 2015, 25, 418-428.	2.1	8
64	Biomarker-driven stratification of disease-risk in non-metastatic medulloblastoma: Results from the multi-center HIT-SIOP-PNET4 clinical trial. Oncotarget, 2015, 6, 38827-38839.	0.8	51
65	Mitotic index, microvascular proliferation, and necrosis define 3 groups of 1p/19q codeleted anaplastic oligodendrogliomas associated with different genomic alterations. Neuro-Oncology, 2014, 16, 1244-1254.	0.6	47
66	Contrast enhancement in 1p/19q-codeleted anaplastic oligodendrogliomas is associated with 9p loss, genomic instability, and angiogenic gene expression. Neuro-Oncology, 2014, 16, 662-670.	0.6	59
67	Ex vivo cultures of glioblastoma in three-dimensional hydrogel maintain the original tumor growth behavior and are suitable for preclinical drug and radiation sensitivity screening. Experimental Cell Research, 2014, 321, 99-108.	1.2	57
68	<scp>I</scp>nternational <scp>S</scp>ociety of <scp>N</scp>europathologyâ€<scp>H</scp>aarlem <scp>C</scp>onsensus <scp>G</scp>uidelines for <scp>N</scp>ervous <scp>S</scp>ystem <scp>T</scp>umor <scp>C</scp>lassification and <scp>G</scp>rading. Brain Pathology, 2014, 24, 429-435.	2.1	499
69	Proscillaridin A is cytotoxic for glioblastoma cell lines and controls tumor xenograft growthin vivo. Oncotarget, 2014, 5, 10934-10948.	0.8	43
70	Evidence for new targets and synergistic effect of metronomic celecoxib/fluvastatin combination in pilocytic astrocytoma. Acta Neuropathologica Communications, 2013, 1, 17.	2.4	17
71	Dysembryoplastic Neuroepithelial Tumors Share with Pleomorphic Xanthoastrocytomas and Gangliogliomas <scp>BRAF^{V600E}</scp> Mutation and Expression. Brain Pathology, 2013, 23, 574-583.	2.1	167
72	Molecular genetics of adult grade II gliomas: towards a comprehensive tumor classification system. Journal of Neuro-Oncology, 2012, 110, 205-213.	1.4	32

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73	Cortical and Subventricular Zone Glioblastoma-Derived Stem-Like Cells Display Different Molecular Profiles and Differential In Vitro and In Vivo Properties. Annals of Surgical Oncology, 2012, 19, 608-619.	0.7	32
74	KIAA1549â€BRAF Fusions and IDH Mutations Can Coexist in Diffuse Gliomas of Adults. Brain Pathology, 2012, 22, 841-847.	2.1	55
75	SNP Array Analysis Reveals Novel Genomic Abnormalities Including Copy Neutral Loss of Heterozygosity in Anaplastic Oligodendrogliomas. PLoS ONE, 2012, 7, e45950.	1.1	25
76	Comparative assessment of 5 methods (methylationâ€specific polymerase chain reaction, methylight,) Tj ETQq0 0 0 rgBT /Overlock 10 T O6â€methylguanineâ€DNAâ€methyltranferase in a series of 100 glioblastoma patients. Cancer, 2012, 118, 4201-4211.	2.0	172
77	Search for Distinctive Markers in DNT and Cortical Grade II Glioma in Children: Same Clinicopathological and Molecular Entities?. Current Topics in Medicinal Chemistry, 2012, 12, 1683-1692.	1.0	9
78	Absence of IDH mutation identifies a novel radiologic and molecular subtype of WHO grade II gliomas with dismal prognosis. Acta Neuropathologica, 2010, 120, 719-729.	3.9	255
79	A2B5 Cells from Human Glioblastoma have Cancer Stem Cell Properties. Brain Pathology, 2010, 20, 211-221.	2.1	157
80	Epidermal growth factor receptor in glioblastomas: correlation between gene copy number and protein expression. Human Pathology, 2010, 41, 815-823.	1.1	20
81	Pilocytic astrocytoma of the optic pathway: a tumour deriving from radial glia cells with a specific gene signature. Brain, 2009, 132, 1523-1535.	3.7	59
82	Correlation Between O6-Methylguanine-DNA Methyltransferase and Survival in Inoperable Newly Diagnosed Glioblastoma Patients Treated With Neoadjuvant Temozolomide. Journal of Clinical Oncology, 2007, 25, 1470-1475.	0.8	187
83	Thalamic gliomas in children: an extensive clinical, neuroradiological and pathological study of 14 cases. Child's Nervous System, 2006, 22, 1603-1610.	0.6	30
84	Pilocytic Astrocytomas in Children: Prognostic Factorsâ€”A Retrospective Study of 80 Cases. Neurosurgery, 2003, 53, 544-555.	0.6	244
85	The usefulness of MR imaging in the diagnosis of dysembryoplastic neuroepithelial tumor in children: a study of 14 cases. American Journal of Neuroradiology, 2003, 24, 829-34.	1.2	101