

Franck Bielle

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

3,734
citations

186265

28
h-index

138484

58
g-index

78
all docs

78
docs citations

78
times ranked

6094
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple origins of Cajal-Retzius cells at the borders of the developing pallium. <i>Nature Neuroscience</i> , 2005, 8, 1002-1012.	14.8	422
2	Mechanisms and therapeutic implications of hypermutation in gliomas. <i>Nature</i> , 2020, 580, 517-523.	27.8	374
3	Tangential Neuronal Migration Controls Axon Guidance: A Role for Neuregulin-1 in Thalamocortical Axon Navigation. <i>Cell</i> , 2006, 125, 127-142.	28.9	338
4	BRAF Inhibition in <i>BRAF</i> ^{V600} -Mutant Gliomas: Results From the VE-BASKET Study. <i>Journal of Clinical Oncology</i> , 2018, 36, 3477-3484.	1.6	247
5	Familial focal epilepsy with focal cortical dysplasia due to <i>DEPDC</i> ⁵ mutations. <i>Annals of Neurology</i> , 2015, 77, 675-683.	5.3	231
6	Cortical GABAergic excitation contributes to epileptic activities around human glioma. <i>Science Translational Medicine</i> , 2014, 6, 244ra89.	12.4	228
7	Same-day genomic and epigenomic diagnosis of brain tumors using real-time nanopore sequencing. <i>Acta Neuropathologica</i> , 2017, 134, 691-703.	7.7	131
8	Microglial phenotypes in the human epileptic temporal lobe. <i>Brain</i> , 2018, 141, 3343-3360.	7.6	89
9	Predictive factors of long-term outcomes of surgery for mesial temporal lobe epilepsy associated with hippocampal sclerosis. <i>Epilepsia</i> , 2017, 58, 1473-1485.	5.1	84
10	Co-occurrence of histone H3 K27M and BRAF V600E mutations in paediatric midline grade I ganglioglioma. <i>Brain Pathology</i> , 2018, 28, 103-111.	4.1	80
11	Slit2 Activity in the Migration of Guidepost Neurons Shapes Thalamic Projections during Development and Evolution. <i>Neuron</i> , 2011, 69, 1085-1098.	8.1	75
12	<i>IDH</i> -wildtype lower-grade diffuse gliomas: the importance of histological grade and molecular assessment for prognostic stratification. <i>Neuro-Oncology</i> , 2021, 23, 955-966.	1.2	73
13	Highly specific determination of IDH status using edited in vivo magnetic resonance spectroscopy. <i>Neuro-Oncology</i> , 2018, 20, 907-916.	1.2	72
14	Emergent Growth Cone Responses to Combinations of Slit1 and Netrin 1 in Thalamocortical Axon Topography. <i>Current Biology</i> , 2011, 21, 1748-1755.	3.9	66
15	Rosette-forming glioneuronal tumors share a distinct DNA methylation profile and mutations in <i>FGFR1</i> , with recurrent co-mutation of <i>PIK3CA</i> and <i>NF1</i> . <i>Acta Neuropathologica</i> , 2019, 138, 497-504.	7.7	57
16	De novo and secondary anaplastic meningiomas: a study of clinical and histomolecular prognostic factors. <i>Neuro-Oncology</i> , 2018, 20, 1113-1121.	1.2	56
17	<i>PHOX2B</i> Immunolabeling. <i>American Journal of Surgical Pathology</i> , 2012, 36, 1141-1149.	3.7	55
18	Somatic <i>PIK3CA</i> Mutations in Sporadic Cerebral Cavernous Malformations. <i>New England Journal of Medicine</i> , 2021, 385, 996-1004.	27.0	53

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19	Chordoid Gliomas of the Third Ventricle Share TTF-1 Expression With Organum Vasculosum of the Lamina Terminalis. <i>American Journal of Surgical Pathology</i> , 2015, 39, 948-956.	3.7	52
20	<i>SMO</i> mutation status defines a distinct and frequent molecular subgroup in olfactory groove meningiomas. <i>Neuro-Oncology</i> , 2017, 19, now276.	1.2	49
21	Diffuse gliomas with <i>FGFR3</i> – <i>TACC3</i> fusion have characteristic histopathological and molecular features. <i>Brain Pathology</i> , 2018, 28, 674-683.	4.1	48
22	A recurrent point mutation in <i>PRKCA</i> is a hallmark of chordoid gliomas. <i>Nature Communications</i> , 2018, 9, 2371.	12.8	48
23	<i>FGFR1</i> actionable mutations, molecular specificities, and outcome of adult midline gliomas. <i>Neurology</i> , 2018, 90, e2086-e2094.	1.1	47
24	ATP binding cassette (ABC) transporters: expression and clinical value in glioblastoma. <i>Journal of Neuro-Oncology</i> , 2018, 138, 479-486.	2.9	41
25	Clinical, molecular, and radiomic profile of gliomas with <i>FGFR3-TACC3</i> fusions. <i>Neuro-Oncology</i> , 2020, 22, 1614-1624.	1.2	41
26	Non-ischemic cerebral enhancing lesions secondary to endovascular aneurysm therapy: nickel allergy or foreign body reaction? Case series and review of the literature. <i>Neuroradiology</i> , 2016, 58, 877-885.	2.2	40
27	Prognostic Value of Histopathological Features and Loss of H3K27me3 Immunolabeling in Anaplastic Meningioma: A Multicenter Retrospective Study. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 754-762.	1.7	39
28	Complications After Surgery for Mesial Temporal Lobe Epilepsy Associated with Hippocampal Sclerosis. <i>World Neurosurgery</i> , 2017, 102, 639-650.e2.	1.3	37
29	Multi-omics analysis of primary glioblastoma cell lines shows recapitulation of pivotal molecular features of parental tumors. <i>Neuro-Oncology</i> , 2017, 19, now160.	1.2	33
30	Leptomeningeal Spread in Glioblastoma: Diagnostic and Therapeutic Challenges. <i>Oncologist</i> , 2020, 25, e1763-e1776.	3.7	33
31	Unusual primary cerebral localization of a <i>CIC</i> – <i>DUX4</i> translocation tumor of the Ewing sarcoma family. <i>Acta Neuropathologica</i> , 2014, 128, 309-311.	7.7	29
32	Characteristics of gliomas in patients with somatic <i>IDH</i> mosaicism. <i>Acta Neuropathologica Communications</i> , 2016, 4, 31.	5.2	29
33	Selective vulnerability of the primitive meningeal layer to prenatal <i>Smo</i> activation for skull base meningotheelial meningioma formation. <i>Oncogene</i> , 2018, 37, 4955-4963.	5.9	29
34	Characteristics of diffuse hemispheric gliomas, H3 G34-mutant in adults. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab061.	0.7	28
35	New clinicopathological associations and histoprognostic markers in ILAE types of hippocampal sclerosis. <i>Brain Pathology</i> , 2018, 28, 644-655.	4.1	24
36	Increasing the diagnostic yield of stereotactic brain biopsy using intraoperative histological smear. <i>Clinical Neurology and Neurosurgery</i> , 2019, 186, 105544.	1.4	24

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37	Transdifferentiation of Neuroendocrine Cells. American Journal of Surgical Pathology, 2017, 41, 849-853.	3.7	19
38	Neurological diseases of unknown etiology: Brain-biopsy diagnostic yields and safety. European Journal of Internal Medicine, 2020, 80, 78-85.	2.2	18
39	Bioactive glass granules for mastoid and epitympanic surgical obliteration: CT and MRI appearance. European Radiology, 2019, 29, 5617-5626.	4.5	17
40	Severity, timeline, and management of complications after stereotactic brain biopsy. Journal of Neurosurgery, 2022, 136, 867-876.	1.6	17
41	Endothelial Cell Hypertrophy and Microvascular Proliferation in Meningiomas Are Correlated with Higher Histological Grade and Shorter Progression-Free Survival. Journal of Neuropathology and Experimental Neurology, 2016, 75, 1160-1170.	1.7	16
42	Tumor cells with neuronal intermediate progenitor features define a subgroup of 1p/19q co-deleted anaplastic gliomas. Brain Pathology, 2017, 27, 567-579.	4.1	16
43	Sustained Tumor Control With MAPK Inhibition in <i>BRAF</i> ^{V600E} Mutant Adult Glial and Glioneuronal Tumors. Neurology, 2021, 97, e673-e683.	1.1	16
44	Molecular Profiling Reclassifies Adult Astroblastoma into Known and Clinically Distinct Tumor Entities with Frequent Mitogen-Activated Protein Kinase Pathway Alterations. Oncologist, 2019, 24, 1584-1592.	3.7	15
45	Ultrasound-Induced Blood-Spinal Cord Barrier Opening in Rabbits. Ultrasound in Medicine and Biology, 2019, 45, 2417-2426.	1.5	15
46	Rare Primary Central Nervous System Tumors in Adults: An Overview. Frontiers in Oncology, 2020, 10, 996.	2.8	14
47	Management of pituicytomas: a multicenter series of eight cases. Pituitary, 2018, 21, 507-514.	2.9	13
48	Medial temporal lobe epilepsy associated with hippocampal sclerosis is a distinctive syndrome. Journal of Neurology, 2017, 264, 875-881.	3.6	11
49	Identification of novel recurrent ETV6-IgH fusions in primary central nervous system lymphoma. Neuro-Oncology, 2018, 20, 1092-1100.	1.2	11
50	EORTC SPECTRAAYA: A unique molecular profiling platform for adolescents and young adults with cancer in Europe. International Journal of Cancer, 2020, 147, 1180-1184.	5.1	11
51	Efficacy of a Second Brain Biopsy for Intracranial Lesions after Initial Negativity. Journal of Clinical		

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55	Dramatic response of <i>STRN-NTRK</i> -fused malignant glioneuronal tumor to larotrectinib in adult. <i>Neuro-Oncology</i> , 2021, 23, 1200-1202.	1.2	9
56	The level of activity of the alternative lengthening of telomeres correlates with patient age in IDH-mutant ATRX-loss-of-expression anaplastic astrocytomas. <i>Acta Neuropathologica Communications</i> , 2019, 7, 175.	5.2	8
57	Transcriptional CDK inhibitors, CYC065 and THZ1 promote Bim-dependent apoptosis in primary and recurrent GBM through cell cycle arrest and Mcl-1 downregulation. <i>Cell Death and Disease</i> , 2021, 12, 763.	6.3	8
58	Building diagnoses with four layers: WHO 2016 classification of CNS tumors. <i>Revue Neurologique</i> , 2016, 172, 253-255.	1.5	7
59	Encephalitis of Unknown Etiology? Not Until the Results of a Brain Biopsy!. <i>Clinical Infectious Diseases</i> , 2021, 72, e432-e432.	5.8	6
60	GAB1 overexpression identifies hedgehog-activated anterior skull base meningiomas. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 748-755.	3.2	6
61	Rosette-forming glioneuronal tumours are midline, <i>FGFR1</i> -mutated tumours. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, e12813.	3.2	6
62	Mutational burden and immune recognition of gliomas. <i>Current Opinion in Oncology</i> , 2021, 33, 626-634.	2.4	5
63	SHH medulloblastoma in a young adult with a TCF4 germline pathogenic variation. <i>Acta Neuropathologica</i> , 2019, 137, 675-678.	7.7	4
64	A Diagnosis Can Hide Another: The Value of Brain Biopsy in Neurological Lesion of HIV Patients. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021, 86, e6-e9.	2.1	4
65	Brain Biopsy for Neurological Diseases of Unknown Etiology in Critically Ill Patients: Feasibility, Safety, and Diagnostic Yield. <i>Critical Care Medicine</i> , 2022, 50, e516-e525.	0.9	4
66	Treatment of grade II intracranial meningioma with helical tomotherapy. <i>Journal of Clinical Neuroscience</i> , 2019, 59, 190-196.	1.5	3
67	Phenotypic selection through cell death: stochastic modelling of O-6-methylguanine-DNA methyltransferase dynamics. <i>Royal Society Open Science</i> , 2020, 7, 191243.	2.4	2
68	18F-FDOPA PET/CT Findings in a Patient With Primary Cerebral Amyloidoma. <i>Clinical Nuclear Medicine</i> , 2020, 45, e206-e207.	1.3	2
69	A case of Epstein-Barr virus-associated smooth muscle tumor of the posterior interosseous nerve mimicking schwannoma. <i>Neuropathology</i> , 2022, 42, 52-57.	1.2	1
70	Genome-driven medicine for patients with recurrent glioma enrolled in early phase trials. <i>European Journal of Cancer</i> , 2022, 163, 98-107.	2.8	1
71	Epilepsy related to focal neuronal lipofuscinosis: extra-frontal localization, EEG signatures and GABA involvement. <i>Journal of Neurology</i> , 2022, 269, 4102-4109.	3.6	1
72	Neuronal migration of guidepost cells. , 2020, , 435-463.		0