Thomas Jacques

List of Publications by Year
in descending order

191 papers	19,132 citations	31976 53 h-index	12597 132 g-index
196 all docs	196 docs citations	196 times ranked	32002 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	DNA methylation-based classification of central nervous system tumours. Nature, 2018, 555, 469-474.	27.8	1,872
3	The clinicopathologic spectrum of focal cortical dysplasias: A consensus classification proposed by an ad hoc Task Force of the ILAE Diagnostic Methods Commission1. Epilepsia, 2011, 52, 158-174.	5.1	1,454
4	International consensus classification of hippocampal sclerosis in temporal lobe epilepsy: A Task Force report from the <scp>ILAE</scp> Commission on Diagnostic Methods. Epilepsia, 2013, 54, 1315-1329.	5.1	816
5	Histopathological Findings in Brain Tissue Obtained during Epilepsy Surgery. New England Journal of Medicine, 2017, 377, 1648-1656.	27.0	621
6	Brachyury, a crucial regulator of notochordal development, is a novel biomarker for chordomas. Journal of Pathology, 2006, 209, 157-165.	4.5	511
7	Mitochondrial dysfunction in a long-term rodent model of sepsis and organ failure. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2004, 286, R491-R497.	1.8	455
8	Novel molecular subgroups for clinical classification and outcome prediction in childhood medulloblastoma: a cohort study. Lancet Oncology, The, 2017, 18, 958-971.	10.7	384
9	Sox2+ Stem/Progenitor Cells in the Adult Mouse Pituitary Support Organ Homeostasis and Have Tumor-Inducing Potential. Cell Stem Cell, 2013, 13, 433-445.	11.1	264
10	Increased Wingless (Wnt) signaling in pituitary progenitor/stem cells gives rise to pituitary tumors in mice and humans. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11482-11487.	7.1	260
11	Lewy body Parkinson's disease in a large pedigree with 77Parkin mutation carriers. Annals of Neurology, 2005, 58, 411-422.	5.3	252
12	Dravet syndrome as epileptic encephalopathy: evidence from long-term course and neuropathology. Brain, 2011, 134, 2982-3010.	7.6	237
13	Mutations in SLC39A14 disrupt manganese homeostasis and cause childhood-onset parkinsonismâ€“dystonia. Nature Communications, 2016, 7, 11601.	12.8	233
14	Pituitary blastoma: a pathognomonic feature of germ-line DICER1 mutations. Acta Neuropathologica, 2014, 128, 111-122.	7.7	211
15	Parallel changes in bladder suburothelial vanilloid receptor TRPV1 and pan-neuronal marker PGP9.5 immunoreactivity in patients with neurogenic detrusor overactivity after intravesical resiniferatoxin treatment. BJU International, 2004, 93, 770-776.	2.5	197
16	Combinations of genetic mutations in the adult neural stem cell compartment determine brain tumour phenotypes. EMBO Journal, 2010, 29, 222-235.	7.8	192
17	Human IFNAR2 deficiency: Lessons for antiviral immunity. Science Translational Medicine, 2015, 7, 307ra154.	12.4	190
18	Seizure outcome and use of antiepileptic drugs after epilepsy surgery according to histopathological diagnosis: a retrospective multicentre cohort study. Lancet Neurology, The, 2020, 19, 748-757.	10.2	177

#	Article	IF	Citations
19	Role of the transcription factor T (brachyury) in the pathogenesis of sporadic chordoma: a genetic and functionalâ€based study. Journal of Pathology, 2011, 223, 327-335.	4.5	174
20	Astrovirus VA1/HMO-C: An Increasingly Recognized Neurotropic Pathogen in Immunocompromised Patients. Clinical Infectious Diseases, 2015, 60, 881-888.	5.8	173
21	Combined MYC and P53 Defects Emerge at Medulloblastoma Relapse and Define Rapidly Progressive, Therapeutically Targetable Disease. Cancer Cell, 2015, 27, 72-84.	16.8	165
22	Identification of novel pathways involved in the pathogenesis of human adamantinomatous craniopharyngioma. Acta Neuropathologica, 2012, 124, 259-271.	7.7	164
23	P2X3-Immunoreactive Nerve Fibres in Neurogenic Detrusor Overactivity and the Effect of Intravesical Resiniferatoxin*1. European Urology, 2004, 46, 247-253.	1.9	158
24	Infant High-Grade Gliomas Comprise Multiple Subgroups Characterized by Novel Targetable Gene Fusions and Favorable Outcomes. Cancer Discovery, 2020, 10, 942-963.	9.4	157
25	Anti-MDA5 autoantibodies in juvenile dermatomyositis identify a distinct clinical phenotype: a prospective cohort study. Arthritis Research and Therapy, 2014, 16, R138.	3.5	145
26	Migrating partial seizures of infancy: expansion of the electroclinical, radiological and pathological disease spectrum. Brain, 2013, 136, 1578-1591.	7.6	144
27	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.	16.8	140
28	Histological Changes in the Urothelium and Suburothelium of Human Overactive Bladder following Intradetrusor Injections of Botulinum Neurotoxin Type A for the Treatment of Neurogenic or Idiopathic Detrusor Overactivity. European Urology, 2008, 53, 1245-1253.	1.9	133
29	The Impact of Article Titles on Citation Hits: An Analysis of General and Specialist Medical Journals. JRSM Short Reports, 2010, 1, 1-5.	0.6	128
30	Essential role for hematopoietic prostaglandin D2 synthase in the control of delayed type hypersensitivity. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5179-5184.	7.1	122
31	Low-grade epilepsy-associated neuroepithelial tumours â€" the 2016 WHO classification. Nature Reviews Neurology, 2016, 12, 732-740.	10.1	113
32	A novel distinctive cerebrovascular phenotype is associated with heterozygous Arg179 ACTA2 mutations. Brain, 2012, 135, 2506-2514.	7.6	107
33	Tumour compartment transcriptomics demonstrates the activation of inflammatory and odontogenic programmes in human adamantinomatous craniopharyngioma and identifies the MAPK/ERK pathway as a novel therapeutic target. Acta Neuropathologica, 2018, 135, 757-777.	7.7	106
34	Muscle Biopsy Findings in Combination With Myositisâ€Specific Autoantibodies Aid Prediction of Outcomes in Juvenile Dermatomyositis. Arthritis and Rheumatology, 2016, 68, 2806-2816.	5.6	83
35	Isomorphic diffuse glioma is a morphologically and molecularly distinct tumour entity with recurrent gene fusions of MYBL1 or MYB and a benign disease course. Acta Neuropathologica, 2020, 139, 193-209.	7.7	83
36	Signal transducer and activator of transcription 2 deficiency is a novel disorder of mitochondrial fission. Brain, 2015, 138, 2834-2846.	7.6	78

#	Article	IF	Citations
37	Stem cell senescence drives age-attenuated induction of pituitary tumours in mouse models of paediatric craniopharyngioma. Nature Communications, 2017, 8, 1819.	12.8	76
38	EXOSC3 mutations in pontocerebellar hypoplasia type 1: novel mutations and genotype-phenotype correlations. Orphanet Journal of Rare Diseases, 2014, 9, 23.	2.7	75
39	Diagnostic accuracy and limitations of post-mortem MRI for neurological abnormalitiesÂin fetuses and children. Clinical Radiology, 2015, 70, 872-880.	1.1	75
40	Pediatric pan-central nervous system tumor analysis of immune-cell infiltration identifies correlates of antitumor immunity. Nature Communications, 2020, 11, 4324.	12.8	75
41	A subset of pediatric-type thalamic gliomas share a distinct DNA methylation profile, H3K27me3 loss and frequent alteration of EGFR. Neuro-Oncology, 2021, 23, 34-43.	1.2	75
42	Pulmonary Hypertension in a GTP-Cyclohydrolase 1â€“Deficient Mouse. Circulation, 2005, 111, 2086-2090.	1.6	74
43	Neural precursor cell chain migration and division are regulated through different beta1 integrins. Development (Cambridge), 1998, 125, 3167-77.	2.5	74
44	A Summary of the Inaugural WHO Classification of Pediatric Tumors: Transitioning from the Optical into the Molecular Era. Cancer Discovery, 2022, 12, 331-355.	9.4	70
45	mTOR-dependent abnormalities in autophagy characterize human malformations of cortical development: evidence from focal cortical dysplasia and tuberous sclerosis. Acta Neuropathologica, 2013, 126, 207-218.	7.7	65
46	Clinical, pathological and functional characterization of riboflavin-responsive neuropathy. Brain, 2017, 140, 2820-2837.	7.6	64
47	Expression of the rat homologue of the Drosophila fat tumour suppressor gene. Mechanisms of Development, 1999, 80, 207-212.	1.7	63
48	Good interobserver and intraobserver agreement in the evaluation of the new ILAE classification of focal cortical dysplasias. Epilepsia, 2012, 53, 1341-1348.	5.1	63
49	Mixed glioneuronal tumour of the fourth ventricle with prominent rosette formation. Neuropathology and Applied Neurobiology, 2006, 32, 217-220.	3.2	58
50	Mkp1Is a c-Jun Target Gene That Antagonizes JNK-Dependent Apoptosis in Sympathetic Neurons. Journal of Neuroscience, 2010, 30, 10820-10832.	3.6	58
51	Cognitive outcome after extratemporal epilepsy surgery in childhood. Epilepsia, 2011, 52, 1966-1972.	5.1	58
52	MAPK pathway activation in the embryonic pituitary results in stem cell compartment expansion, differentiation defects and provides insights into the pathogenesis of papillary craniopharyngioma. Development (Cambridge), 2017, 144, 2141-2152.	2.5	58
53	Molecular Analyses Reveal Inflammatory Mediators in the Solid Component and Cyst Fluid of Human Adamantinomatous Craniopharyngioma. Journal of Neuropathology and Experimental Neurology, 2017, 76, 779-788.	1.7	57
54	Comprehensive molecular characterisation of epilepsy-associated glioneuronal tumours. Acta Neuropathologica, 2018, 135, 115-129.	7.7	57

#	Article	IF	Citations
55	Genetic and pathological links between Parkinson's disease and the lysosomal disorder Sanfilippo syndrome. Movement Disorders, 2012, 27, 312-315.	3.9	56
56	Validation of a score tool for measurement of histological severity in juvenile dermatomyositis and association with clinical severity of disease. Annals of the Rheumatic Diseases, 2015, 74, 204-210.	0.9	56
57	Comparison of diagnostic performance for perinatal and paediatric post-mortem imaging: CT versus MRI. European Radiology, 2016, 26, 2327-2336.	4.5	55
58	DNA methylation-based profiling for paediatric CNS tumour diagnosis and treatment: a population-based study. The Lancet Child and Adolescent Health, 2020, 4, 121-130.	5.6	55
59	Toward a better definition of focal cortical dysplasia: An iterative histopathological and genetic agreement trial. Epilepsia, 2021, 62, 1416-1428.	5.1	54
60	RAF gene fusions are specific to pilocytic astrocytoma in a broad paediatric brain tumour cohort. Acta Neuropathologica, 2010, 120, 271-273.	7.7	49
61	Anti-HMGCR Autoantibodies in Juvenile Idiopathic Inflammatory Myopathies Identify a Rare but Clinically Important Subset of Patients. Journal of Rheumatology, 2017, 44, 488-492.	2.0	48
62	Time, pattern, and outcome of medulloblastoma relapse and their association with tumour biology at diagnosis and therapy: a multicentre cohort study. The Lancet Child and Adolescent Health, 2020, 4, 865-874.	5.6	48
63	The 2016 World Health Organization Classification of tumours of the Central Nervous System: what the paediatric neuroradiologist needs to know. Quantitative Imaging in Medicine and Surgery, 2016, 6, 486-489.	2.0	47
64	Clinical and neuropathological features of X-linked spinal muscular atrophy (SMAX2) associated with a novel mutation in the UBA1 gene. Neuromuscular Disorders, 2013, 23, 391-398.	0.6	46
65	A quantitative study of white matter hypomyelination and oligodendroglial maturation in focal cortical dysplasia type <scp>II</scp>. Epilepsia, 2013, 54, 898-908.	5.1	46
66	Review: Challenges in the histopathological classification of ganglioglioma and DNT: microscopic agreement studies and a preliminary genotypeâ€phenotype analysis. Neuropathology and Applied Neurobiology, 2019, 45, 95-107.	3.2	46
67	Balloon cells in human cortical dysplasia and tuberous sclerosis: isolation of a pathological progenitor-like cell. Acta Neuropathologica, 2010, 120, 85-96.	7.7	45
68	Nebulin (NEB) mutations in a childhood onset distal myopathy with rods and cores uncovered by next generation sequencing. European Journal of Human Genetics, 2013, 21, 1249-1252.	2.8	45
69	The clinical spectrum and natural history of early-onset diseases due to DNA polymerase gamma mutations. Genetics in Medicine, 2017, 19, 1217-1225.	2.4	45
70	Epilepsy surgery in Neurofibromatosis Type 1. Epilepsy Research, 2013, 105, 384-395.	1.6	44
71	A tailored molecular profiling programme for children with cancer to identify clinically actionable genetic alterations. European Journal of Cancer, 2019, 121, 224-235.	2.8	44
72	Deep sequencing reveals persistence of cell-associated mumps vaccine virus in chronic encephalitis. Acta Neuropathologica, 2017, 133, 139-147.	7.7	41

#	Article	IF	Citations
73	Review: Neuropathological features of unexplained sudden unexpected death in infancy: current evidence and controversies. Neuropathology and Applied Neurobiology, 2014, 40, 364-384.	3.2	40
74	Molecular analysis of pediatric brain tumors identifies microRNAs in pilocytic astrocytomas that target the MAPK and NF-Î²B pathways. Acta Neuropathologica Communications, 2015, 3, 86.	5.2	40
75	Mutation of SALL2 causes recessive ocular coloboma in humans and mice. Human Molecular Genetics, 2014, 23, 2511-2526.	2.9	39
76	Realâ€time quantitative PCR analysis of pediatric ependymomas identifies novel candidate genes including TPR at 1q25 and CHIBBY at 22q12â€q13. Genes Chromosomes and Cancer, 2008, 47, 1005-1022.	2.8	38
77	Digenic inheritance of mutations in FOXC1 and PITX2â€‰: Correlating transcription factor function and axenfeld-rieger disease severity. Human Mutation, 2011, 32, 1144-1152.	2.5	38
78	Genomic Deletions Correlate with Underexpression of Novel Candidate Genes at Six Loci in Pediatric Pilocytic Astrocytoma. Neoplasia, 2008, 10, 757-IN9.	5.3	37
79	Imaging Invasion: Micro-CT imaging of adamantinomatous craniopharyngioma highlights cell type specific spatial relationships of tissue invasion. Acta Neuropathologica Communications, 2016, 4, 57.	5.2	36
80	A Clinical, Neuropathological and Genetic Study of Homozygous A467T POLG-Related Mitochondrial Disease. PLoS ONE, 2016, 11, e0145500.	2.5	36
81	Expression of myxovirusâ€resistance protein A: a possible marker of muscle disease activity and autoantibody specificities in juvenile dermatomyositis. Neuropathology and Applied Neurobiology, 2019, 45, 410-420.	3.2	36
82	Histological heterogeneity in a large clinical cohort of juvenile idiopathic inflammatory myopathy: analysis by myositis autoantibody and pathological features. Neuropathology and Applied Neurobiology, 2019, 45, 495-512.	3.2	36
83	A retrospective analysis of recurrent pediatric ependymoma reveals extremely poor survival and ineffectiveness of current treatments across central nervous system locations and molecular subgroups. Pediatric Blood and Cancer, 2020, 67, e28426.	1.5	36
84	Adult-Onset Neurodegeneration With Brain Iron Accumulation and Cortical Î±-Synuclein and Tau Pathology. Archives of Neurology, 2007, 64, 280.	4.5	35
85	Towards in vivo focal cortical dysplasia phenotyping using quantitative MRI. NeuroImage: Clinical, 2017, 15, 95-105.	2.7	34
86	Seizure outcome after extratemporal epilepsy surgery in childhood. Developmental Medicine and Child Neurology, 2012, 54, 995-1000.	2.1	33
87	Cathepsin D deficiency causes juvenile-onset ataxia and distinctive muscle pathology. Neurology, 2014, 83, 1873-1875.	1.1	33
88	<scp>CNS</scp> embryonal tumours: <scp>WHO</scp> 2016 and beyond. Neuropathology and Applied Neurobiology, 2018, 44, 151-162.	3.2	33
89	Nestinâ€expressing cell types in the temporal lobe and hippocampus: Morphology, differentiation, and proliferative capacity. Glia, 2018, 66, 62-77.	4.9	31
90	Prospective parental consent for autopsy research following sudden unexpected childhood deaths: a successful model. Archives of Disease in Childhood, 2009, 94, 354-358.	1.9	28

#	Article	IF	Citations
91	Histologically defined central nervous system primitive neuro-ectodermal tumours (CNS-PNETs) display heterogeneous DNA methylation profiles and show relationships to other paediatric brain tumour types. Acta Neuropathologica, 2013, 126, 943-946.	7.7	28
92	Comparative Expression Analysis Reveals Lineage Relationships between Human and Murine Gliomas and a Dominance of Glial Signatures during Tumor Propagation In Vitro. Cancer Research, 2013, 73, 5834-5844.	0.9	28
93	Emergence and maintenance of actionable genetic drivers at medulloblastoma relapse. Neuro-Oncology, 2022, 24, 153-165.	1.2	28
94	Homeostatic and tumourigenic activity of SOX2+ pituitary stem cells is controlled by the LATS/YAP/TAZ cascade. ELife, 2019, 8, .	6.0	27
95	A case series of Diffuse Glioneuronal Tumours with Oligodendrogliomaâ€like features and Nuclear Clusters (DGONC). Neuropathology and Applied Neurobiology, 2021, 47, 464-467.	3.2	27
96	MRI Radiogenomics of Pediatric Medulloblastoma: A Multicenter Study. Radiology, 2022, 304, 406-416.	7.3	27
97	Effective induction therapy for anti-SRP associated myositis in childhood: A small case series and review of the literature. Pediatric Rheumatology, 2017, 15, 77.	2.1	26
98	Methylationâ€based algorithms for diagnosis: experience from neuroâ€oncology. Journal of Pathology, 2020, 250, 510-517.	4.5	25
99	Neuropathology of neurocutaneous melanosis: histological foci of melanotic neurones and glia may be undetectable on MRI. Acta Neuropathologica, 2012, 123, 453-456.	7.7	24
100	Review: Molecular characteristics of longâ€term epilepsyâ€associated tumours (LEATs) and mechanisms for tumourâ€related epilepsy (TRE). Neuropathology and Applied Neurobiology, 2018, 44, 56-69.	3.2	24
101	SHH pathway inhibition is protumourigenic in adamantinomatous craniopharyngioma. Endocrine-Related Cancer, 2019, 26, 355-366.	3.1	24
102	CYP1B1-Related Anterior Segment Developmental Anomalies. Ophthalmology, 2011, 118, 1865-1873.	5.2	23
103	Clinical outcomes, Kadish-INSICA staging and therapeutic targeting of somatostatin receptor 2 in olfactory neuroblastoma. European Journal of Cancer, 2022, 162, 221-236.	2.8	22
104	Fibroblast growth factor-1 improves the survival and regeneration of rat vagal preganglionic neurones following axon injury. Neuroscience Letters, 1999, 276, 197-200.	2.1	21
105	G.P.12.08 Zebra body myopathy resolved. Neuromuscular Disorders, 2009, 19, 637-638.	0.6	21
106	Genome-Wide Analysis of Alternative Splicing in Medulloblastoma Identifies Splicing Patterns Characteristic of Normal Cerebellar Development. Cancer Research, 2011, 71, 2045-2055.	0.9	21
107	CTNNB1 mutations are clonal in adamantinomatous craniopharyngioma. Neuropathology and Applied Neurobiology, 2020, 46, 510-514.	3.2	21
108	Epigenetic genome-wide analysis identifies BEX1 as a candidate tumour suppressor gene in paediatric intracranial ependymoma. Cancer Letters, 2014, 346, 34-44.	7.2	20

#	Article	IF	Citations
109	Non-secreting pituitary tumours characterised by enhanced expression of YAP/TAZ. Endocrine-Related Cancer, 2019, 26, 215-225.	3.1	19
110	Limb girdle muscular dystrophy type 2B masquerading as inflammatory myopathy: case report. Pediatric Rheumatology, 2013, 11, 19.	2.1	18
111	Postâ€mortem apparent resolution of fetal ventriculomegaly: evidence from magnetic resonance imaging. Prenatal Diagnosis, 2013, 33, 360-364.	2.3	18
112	The immune environment of paediatric solid malignancies: evidence from an immunohistochemical study of clinical cases. Fetal and Pediatric Pathology, 2013, 32, 298-307.	0.7	16
113	MRI profiling of focal cortical dysplasia using multiâ€compartment diffusion models. Epilepsia, 2020, 61, 433-444.	5.1	16
114	Development of a targeted sequencing approach to identify prognostic, predictive and diagnostic markers in paediatric solid tumours. Oncotarget, 2017, 8, 112036-112050.	1.8	16
115	The NHS England 100,000 Genomes Project: feasibility and utility of centralised genome sequencing for children with cancer. British Journal of Cancer, 2022, 127, 137-144.	6.4	16
116	The neuropathological consequences of CDKL5 mutation. Neuropathology and Applied Neurobiology, 2012, 38, 744-747.	3.2	15
117	Fourth ventricle rosette-forming glioneuronal tumour in children: an unusual presentation in an 8-year-old patient, discussion and review of the literature. Child's Nervous System, 2013, 29, 839-847.	1.1	15
118	Diffusion-weighted post-mortem magnetic resonance imaging of the human fetal brain in situ. European Journal of Radiology, 2016, 85, 1167-1173.	2.6	15
119	Histopathology and molecular characterisation of intrauterine-diagnosed congenital craniopharyngioma. Pituitary, 2016, 19, 50-56.	2.9	15
120	Is chronic lymphocytic inflammation with pontine perivascular enhancement responsive to steroids (CLIPPERS) in children the same condition as in adults?. Developmental Medicine and Child Neurology, 2019, 61, 490-496.	2.1	15
121	DIPG Harbors Alterations Targetable by MEK Inhibitors, with Acquired Resistance Mechanisms Overcome by Combinatorial Inhibition. Cancer Discovery, 2022, 12, 712-729.	9.4	15
122	Ultrastructural and cytochemical study of neurones in the rat dorsal motor nucleus of the vagus after axon crush. , 1998, 42, 334-344.		14
123	Astrocytoma derived short-term cell cultures retain molecular signatures characteristic of the tumour in situ. Experimental Cell Research, 2009, 315, 2835-2846.	2.6	14
124	Cytogenetic analysis of paediatric astrocytoma using comparative genomic hybridisation and fluorescence in-situ hybridisation. Journal of Neuro-Oncology, 2010, 98, 305-318.	2.9	14
125	Preclinical transgenic and patientâ€derived xenograft models recapitulate the radiological features of human adamantinomatous craniopharyngioma. Brain Pathology, 2018, 28, 475-483.	4.1	14
126	Early Wound Site Seeding in a Patient with Central Nervous System High-Grade Neuroepithelial Tumor with BCOR Alteration. World Neurosurgery, 2018, 116, 279-284.	1.3	14

#	Article	IF	Citations
127	Genotypeâ€phenotype correlations in focal malformations of cortical development: a pathway to integrated pathological diagnosis in epilepsy surgery. Brain Pathology, 2019, 29, 473-484.	4.1	14
128	A rare case of paediatric astroblastoma with concomitant MN1â€GTSE1 and EWSR1â€PATZ1 gene fusions altering management. Neuropathology and Applied Neurobiology, 2021, 47, 882-888.	3.2	14
129	Diagnosing Mitochondrial Disorders Remains Challenging in the Omics Era. Neurology: Genetics, 2021, 7, e597.	1.9	13
130	Tubular aggregate myopathy with abnormal pupils and skeletal deformities. Journal of Neurology, Neurosurgery and Psychiatry, 2002, 73, 324-326.	1.9	12
131	Endothelial nitric oxide synthase expression in neurogenic urinary bladders treated with intravesical resiniferatoxin. BJU International, 2004, 93, 336-340.	2.5	12
132	Post-mortem magnetic resonance (PMMR) imaging of the brain in fetuses and children with histopathological correlation. Clinical Radiology, 2017, 72, 1025-1037.	1.1	12
133	The molecular landscape and associated clinical experience in infant medulloblastoma: prognostic significance of secondâ€generation subtypes. Neuropathology and Applied Neurobiology, 2021, 47, 236-250.	3.2	12
134	Infantile-onset LMNA-associated Muscular Dystrophy Mimicking Juvenile Idiopathic Inflammatory Myopathy. Journal of Rheumatology, 2015, 42, 1064-1066.	2.0	11
135	Childhood neoplasms presenting at autopsy: A 20â€year experience. Pediatric Blood and Cancer, 2017, 64, e26474.	1.5	11
136	Quantitative MRI susceptibility mapping reveals cortical signatures of changes in iron, calcium and zinc in malformations of cortical development in children with drug-resistant epilepsy. NeuroImage, 2021, 238, 118102.	4.2	11
137	Inhibition of oligodendrocyte precursor motility by oligodendrocyte processes: implications for transplantation-based approaches to multiple sclerosis. Multiple Sclerosis Journal, 1997, 3, 162-167.	3.0	10
138	ALK positive inflammatory myofibroblastic tumour of the pineal region. Journal of Clinical Pathology, 2005, 58, 981-983.	2.0	10
139	Tubular aggregates caused by serine active site containing 1 (<scp>SERAC1</scp>) mutations in a patient with a mitochondrial encephalopathy. Neuropathology and Applied Neurobiology, 2015, 41, 399-402.	3.2	10
140	Is CSF cytology a useful diagnostic procedure in staging paediatric CNS tumours?. Cytopathology, 2009, 20, 256-260.	0.7	9
141	Advanced molecular pathology for rare tumours: A national feasibility study and model for centralised medulloblastoma diagnostics. Neuropathology and Applied Neurobiology, 2021, 47, 736-747.	3.2	9
142	Role of routine neuropathological examination for determining cause of death in sudden unexpected deaths in infancy (SUDI). Journal of Clinical Pathology, 2012, 65, 257-261.	2.0	8
143	Multiphasic presentation of Rasmussen's encephalitis. Epileptic Disorders, 2015, 17, 315-320.	1.3	8
144	Copy number abnormalities in new or progressive â€˜neurocutaneous melanosisâ€™ confirm it to be primary CNS melanoma. Acta Neuropathologica, 2017, 133, 329-331.	7.7	8

#	Article	IF	Citations
145	The utility of brain biopsy in pediatric cryptogenic neurological disease. Journal of Neurosurgery: Pediatrics, 2020, 26, 431-438.	1.3	8
146	Mature Orbital Teratoma Presenting as a Recurrent Orbital Cellulitis with an Ectopic Tooth and Sphenoid Malformationâ€"A Case Report. Orbit, 2008, 27, 309-312.	0.8	7
147	DISSEMINATED LANGERHANS CELL HISTIOCYTOSISâ€"RELATED SUDDEN UNEXPECTED DEATH IN INFANCY. Fetal and Pediatric Pathology, 2009, 28, 39-44.	0.7	7
148	Assessment of integrase interactor 1 (INIâ€1) expression in primary tumours of bone. Histopathology, 2012, 61, 1245-1247.	2.9	7
149	Characterization of a population of neural progenitor cells in the infant hippocampus. Neuropathology and Applied Neurobiology, 2014, 40, 544-550.	3.2	7
150	Brain weight in sudden unexpected death in infancy: experience from a large singleâ€centre cohort. Neuropathology and Applied Neurobiology, 2016, 42, 344-351.	3.2	7
151	British Neuropathological Society and International Society of Forensic Radiology and Imaging expert consensus statement for post mortem neurological imaging. Neuropathology and Applied Neurobiology, 2018, 44, 663-672.	3.2	7
152	Multimodal computational neocortical anatomy in pediatric hippocampal sclerosis. Annals of Clinical and Translational Neurology, 2018, 5, 1200-1210.	3.7	7
153	A Diagnostic Algorithm for Posterior Fossa Tumors in Children: A Validation Study. American Journal of Neuroradiology, 2021, 42, 961-968.	2.4	7
154	Challenges for the functional diffusion map in pediatric brain tumors. Neuro-Oncology, 2014, 16, 449-456.	1.2	6
155	Identifying cellular signalling molecules in developmental disorders of the brain: Evidence from focal cortical dysplasia and tuberous sclerosis. Neuropathology and Applied Neurobiology, 2021, 47, 781-795.	3.2	6
156	Cerebrospinal fluid findings in central neurocytoma. Cytopathology, 2006, 17, 301-303.	0.7	5
157	Peritoneal dissemination of a malignant glioma. Cytopathology, 2008, 19, 264-266.	0.7	5
158	Taxonomy of <scp>CNS</scp> tumours; a series of three short reviews on the <scp>WHO</scp> 2016 classification and beyond. Neuropathology and Applied Neurobiology, 2018, 44, 137-138.	3.2	4
159	Novel therapeutic targets in epilepsy: oxidative stress and iron metabolism. Neuropathology and Applied Neurobiology, 2020, 46, 519-521.	3.2	4
160	Cerebral arteriopathy associated with heterozygous variants in the casitas B-lineage lymphoma gene. Neurology: Genetics, 2020, 6, e448.	1.9	4
161	Vacuolar myelopathy associated with optic neuropathy in an HIV-negative, immunosuppressed liver transplant recipient. Journal of Neurology, Neurosurgery and Psychiatry, 2009, 80, 581-583.	1.9	3
162	A rare case of multicystic disseminated astrocytoma with pilomyxoid characteristics in a 4-year-old child. Child's Nervous System, 2015, 31, 625-629.	1.1	3

#	Article	IF	Citations
163	Challenges in the Diagnosis of Medulloblastoma Recurrence at an Unusual Site in a Patient With Prader-Willi Syndrome. Journal of Pediatric Hematology/Oncology, 2020, 42, e381-e384.	0.6	3
164	December 2003: A 70-year-old woman with a recurrent menningeal mass. Brain Pathology, 2004, 14, 229-230.	4.1	1
165	A fatal case of cough. Pediatric Pulmonology, 2010, 45, 205-207.	2.0	1
166	Antenatal neurodevelopmental defects in ornithine transcarbamylase deficiency. Neuropathology and Applied Neurobiology, 2012, 38, 509-512.	3.2	1
167	Sub-phenotyping of juvenile dermatomyositis: can it assist clinical decisions?. Pediatric Rheumatology, 2014, 12, .	2.1	1
168	Genetic heterogeneity forSMARCB1,H3F3AandBRAFin a malignant childhood brain tumour: genetic-pathological correlation. Neuropathology and Applied Neurobiology, 2015, 41, 832-836.	3.2	1
169	MEDU-06. NOVEL MOLECULAR SUBGROUPS IMPROVE CLINICAL CLASSIFICATION AND OUTCOME PREDICTION FOR CHILDHOOD MEDULLOBLASTOMA. Neuro-Oncology, 2017, 19, iv38-iv38.	1.2	1
170	Immunotherapy-responsive childhood neurodegeneration with systemic and central nervous system inflammation. European Journal of Paediatric Neurology, 2018, 22, 882-888.	1.6	1
171	EPEN-09. RNA-SEQ ANALYSIS OF RECURRENT PAEDIATRIC EPENDYMOMAS REVEALS IMMUNOLOGICAL CHANGES SPECIFIC TO MOLECULAR SUBGROUPS. Neuro-Oncology, 2018, 20, i75-i75.	1.2	1
172	EPEN-04. SIOP EPENDYMOMA I: FINAL RESULTS, LONG TERM FOLLOW-UP AND MOLECULAR ANALYSIS OF THE TRIAL COHORT: A BIOMECA CONSORTIUM STUDY. Neuro-Oncology, 2021, 23, i14-i14.	1.2	1
173	Neurobiology from Molecular Basis to Disease. Neuropathology and Applied Neurobiology, 2008, 34, 680-681.	3.2	0
174	Gangliоglioma, dysembryoplastic neuroepithelial tumor, and related tumors. , 0, , 441-448.		0
175	Tubuloreticular inclusions in juvenile dermatomyositis: a diagnostically useful marker?. Pediatric Rheumatology, 2014, 12, .	2.1	0
176	Migrating partial seizures of infancy: delineation of the clinical and genetic features in a national patient cohort. Lancet, The, 2014, 383, S14.	13.7	0
177	OP11ESTABLISHING A DIAGNOSTIC PIPELINE FOR METHYLOME ANALYSIS OF PAEDIATRIC AND ADULT BRAIN TUMOURS IN THE UK USING THE HEIDELBERG CLASSIFIER. Neuro-Oncology, 2015, 17, viii18.1-viii18.	1.2	0
178	Medulloblastoma: selecting children for reduced treatment. Neuropathology and Applied Neurobiology, 2015, 41, 106-108.	3.2	0
179	How do tissue infiltrating B cells correlate with other inflammatory features in muscle tissue from patients with JDM and their clinical parameters?. Neuromuscular Disorders, 2015, 25, S247-S248.	0.6	0
180	C2.2â€…Postzygotic activating variants in mapk pathway genes cause intracranial and extracranial vascular malformations that respond to targeted inhibition. , 2017, , .		0

#	Article	IF	Citations
181	CRAN-17. TUMOUR COMPARTMENT TRANSCRIPTOMICS DEMONSTRATE THE ACTIVATION OF INFLAMMATORY AND ODONTOGENIC PROGRAMMES IN HUMAN ADAMANTINOMATOUS CRANIOPHARYNGIOMA AND IDENTIFY NOVEL THERAPEUTIC TARGETS. Neuro-Oncology, 2018, 20, i40-i40.	1.2	0
182	MBCL-30. SUBGROUP-DIRECTED CLINICAL AND MOLECULAR STRATIFICATION OF DISEASE RISK IN INFANT MEDULLOBLASTOMA. Neuro-Oncology, 2018, 20, i123-i123.	1.2	0
183	Free virtual issue: novel paradigms for in inborn errors with muscular and central neuropathology. Neuropathology and Applied Neurobiology, 2020, 46, 517-518.	3.2	0
184	Acute flaccid myelitis caused by enterovirus D68 unmasking primary intracranial tumour in a previously healthy child. Journal of Paediatrics and Child Health, 2021, 57, 1713-1716.	0.8	0
185	Acquired Diseases of the Nervous System. , 2015, , 743-765.		0
186	Learning from cases: Analysis of two cases of craniopharyngioma from the 19th to the 21st centuries.. F1000Research, 2019, 8, 1544.	1.6	0
187	LGG-46. Survival Of The Fittest? A Prognostic Evaluation of Paediatric Low-Grade Glioma (PLGG) Survivor Functional Outcomes. Neuro-Oncology, 2022, 24, i98-i99.	1.2	0
188	LGG-44. Multi-omic analysis reveals integrated signalling networks in paediatric low-grade glioma. Neuro-Oncology, 2022, 24, i98-i98.	1.2	0
189	ATRT-20. Novel prognostic molecular signatures for improved risk-classification of Atypical Teratoid Rhabdoid Tumours. Neuro-Oncology, 2022, 24, i7-i7.	1.2	0
190	EPEN-24. Biological markers of ependymoma in children and adolescents (BIOMECA): Systematic comparison of methods for the precise evaluation of biomarkers for ependymoma diagnosis and prognostication. Neuro-Oncology, 2022, 24, i44-i44.	1.2	0
191	RARE-08. Profiling of recurrent adamantinomatous cranionpharyngioma confirms the activation of the MAPK pathway and identifies copy number aberrations in relapsed tumours. Neuro-Oncology, 2022, 24, i10-i11.	1.2	0