Ingmar Blumcke

List of Publications by Year
in descending order

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357 papers	27,569 citations	4942 84 h-index	7931 149 g-index
379 all docs	379 docs citations	379 times ranked	22487 citing authors

#	Article	IF	Citations
1	7 tricks for 7 T CEST: Improving the reproducibility of multipool evaluation provides insights into the effects of age and the early stages of Parkinson's disease. NMR in Biomedicine, 2023, 36, e4717.	1.6	9
2	EstereoelectroencefalografÃa en la evaluaciÃ³n prequirÃºrgica de epilepsias focales refractarias: experiencia de un centro de epilepsia. NeurologÃa, 2022, 37, 334-345.	0.3	1
3	Integrated genotypeâ€“phenotype analysis of longâ€term epilepsyâ€associated ganglioglioma. Brain Pathology, 2022, 32, e13011.	2.1	15
4	Glucocorticoid modulation of synaptic plasticity in the human temporal cortex of epilepsy patients: Does chronic stress contribute to memory impairment?. Epilepsia, 2022, 63, 209-221.	2.6	7
5	Distinct DNA Methylation Patterns of Subependymal Giant Cell Astrocytomas in Tuberous Sclerosis Complex. Cellular and Molecular Neurobiology, 2022, 42, 2863-2892.	1.7	1
6	Multilobar unilateral hypoplasia with emphasis on the posterior quadrant and severe epilepsy in children with FCD ILAE Type 1A. Epilepsia, 2022, 63, 42-60.	2.6	12
7	DNA methylation-based classification of malformations of cortical development in the human brain. Acta Neuropathologica, 2022, 143, 93-104.	3.9	18
8	MRI of focal cortical dysplasia. Neuroradiology, 2022, 64, 443-452.	1.1	17
9	Variable histopathology features of neuronal dyslamination in the cerebral neocortex adjacent to epilepsyâ€associated vascular malformations suggest complex pathogenesis of focal cortical dysplasia ILAE type IIIc. Brain Pathology, 2022, 32, e13052.	2.1	8
10	Neuropathology and epilepsy surgery. Current Opinion in Neurology, 2022, 35, 202-207.	1.8	1
11	Phase-amplitude coupling measures for determination of the epileptic network: A methodological comparison. Journal of Neuroscience Methods, 2022, 370, 109484.	1.3	0
12	Incidence and prevalence of major epilepsy-associated brain lesions. Epilepsy and Behavior Reports, 2022, 18, 100527.	0.5	2
13	Using magnetic resonance fingerprinting to characterize periventricular nodular heterotopias in pharmacoresistant epilepsy. Epilepsia, 2022, 63, 1225-1237.	2.6	4
14	Increased expression of complement components in tuberous sclerosis complex and focal cortical dysplasia type 2B brain lesions. Epilepsia, 2022, 63, 364-374.	2.6	10
15	A Whole-Slide Image Managing Library Based on Fastai for Deep Learning in the Context of Histopathology: Two Use-Cases Explained. Applied Sciences (Switzerland), 2022, 12, 13.	1.3	2
16	The <scp>ILAE</scp> consensus classification of focal cortical dysplasia: An update proposed by an ad hoc task force of the <scp>ILAE</scp> diagnostic methods commission. Epilepsia, 2022, 63, 1899-1919.	2.6	88
17	The process of somatic hypermutation increases polyreactivity for central nervous system antigens in primary central nervous system lymphoma. Haematologica, 2021, 106, 708-717.	1.7	14
18	Advantages of magnetoencephalography, neuronavigation and intraoperative MRI in epilepsy surgery re-operations. Neurological Research, 2021, 43, 434-439.	0.6	4

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19	Frequent SLC35A2 brain mosaicism in mild malformation of cortical development with oligodendroglial hyperplasia in epilepsy (MOGHE). Acta Neuropathologica Communications, 2021, 9, 3.	2.4	62
20	Dysmorphic neurons as cellular source for phase-amplitude coupling in Focal Cortical Dysplasia Type II. Clinical Neurophysiology, 2021, 132, 782-792.	0.7	24
21	Radiological and Clinical Value of 7T MRI for Evaluating 3T-Visible Lesions in Pharmacoresistant Focal Epilepsies. Frontiers in Neurology, 2021, 12, 591586.	1.1	9
22	Validation of automatic MRI hippocampal subfield segmentation by histopathological evaluation in patients with temporal lobe epilepsy. Seizure: the Journal of the British Epilepsy Association, 2021, 87, 94-102.	0.9	8
23	Stereoelectroencephalography in the preoperative assessment of patients with refractory focal epilepsy: experience at an epilepsy centre. NeurologÃa (English Edition), 2021, , .	0.2	0
24	Toward a better definition of focal cortical dysplasia: An iterative histopathological and genetic agreement trial. Epilepsia, 2021, 62, 1416-1428.	2.6	54
25	The Role of KRAS Mutations in Cortical Malformation and Epilepsy Surgery: A Novel Report of Nevus Sebaceous Syndrome and Review of the Literature. Brain Sciences, 2021, 11, 793.	1.1	14
26	Operative variations in temporal lobe epilepsy surgery and seizure and memory outcome in 226 patients suffering from hippocampal sclerosis. Neurological Research, 2021, 43, 1-10.	0.6	5
27	An introduction to the miniâ€symposium on â€œThe Neuropathology of Focal Human Epilepsyâ€• Brain Pathology, 2021, 31, e12975.	2.1	1
28	Toward a refined genotypeâ€“phenotype classification scheme for the international consensus classification of Focal Cortical Dysplasia. Brain Pathology, 2021, 31, e12956.	2.1	22
29	Incorporation of quantitative MRI in a model to predict temporal lobe epilepsy surgery outcome. Brain Communications, 2021, 3, fcab164.	1.5	16
30	Neuropathology of the 21st century for the Latin American epilepsy community. Seizure: the Journal of the British Epilepsy Association, 2021, 90, 51-59.	0.9	6
31	Improving the prediction of epilepsy surgery outcomes using basic scalp EEG findings. Epilepsia, 2021, 62, 2439-2450.	2.6	28
32	A two-field computational model couples cellular brain development with cortical folding. Brain Multiphysics, 2021, 2, 100025.	0.8	24
33	Clinical characteristics and postoperative seizure outcome in patients with mild malformation of cortical development and oligodendroglial hyperplasia. Epilepsia, 2021, 62, 2920-2931.	2.6	8
34	Neocortical development and epilepsy: insights from focal cortical dysplasia and brain tumours. Lancet Neurology, The, 2021, 20, 943-955.	4.9	47
35	Experimental Epileptogenesis in a Cell Culture Model of Primary Neurons from Rat Brain: A Temporal Multi-Scale Study. Cells, 2021, 10, 3004.	1.8	7
36	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.	3.9	83

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37	The coding and non-coding transcriptional landscape of subependymal giant cell astrocytomas. Brain, 2020, 143, 131-149.	3.7	24
38	Myelin Pathology Beyond White Matter in Tuberous Sclerosis Complex (TSC) Cortical Tubers. Journal of Neuropathology and Experimental Neurology, 2020, 79, 1054-1064.	0.9	21
39	Histological correlates of hippocampal magnetization transfer images in drug-resistant temporal lobe epilepsy patients. NeuroImage: Clinical, 2020, 28, 102463.	1.4	4
40	Mosaic trisomy of chromosome 1q in human brain tissue associates with unilateral polymicrogyria, very early-onset focal epilepsy, and severe developmental delay. Acta Neuropathologica, 2020, 140, 881-891.	3.9	28
41	Big data in epilepsy: Clinical and research considerations. Report from the Epilepsy Big Data Task Force of the International League Against Epilepsy. Epilepsia, 2020, 61, 1869-1883.	2.6	23
42	Verbal memory dysfunction is associated with alterations in brain transcriptome in dominant temporal lobe epilepsy. Epilepsia, 2020, 61, 2203-2213.	2.6	7
43	Value of 7T MRI and postâ€processing in patients with nonlesional 3T MRI undergoing epilepsy presurgical evaluation. Epilepsia, 2020, 61, 2509-2520.	2.6	63
44	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.	4.9	177
45	Basal temporo-occipital mild malformation of cortical development with oligodendroglial hyperplasia: A multimodal investigation turning non-lesional to lesional epilepsy. Clinical Neurophysiology, 2020, 131, 2826-2828.	0.7	7
46	Low-grade developmental and epilepsy associated brain tumors: a critical update 2020. Acta Neuropathologica Communications, 2020, 8, 27.	2.4	110
47	eâ€learning comes of age: Webâ€based education provided by the International League Against Epilepsy. Epileptic Disorders, 2020, 22, 237-244.	0.7	16
48	Same same but different: A Webâ€based deep learning application revealed classifying features for the histopathologic distinction of cortical malformations. Epilepsia, 2020, 61, 421-432.	2.6	17
49	Hippocampal Sclerosis Detection with NeuroQuant Compared with Neuroradiologists. American Journal of Neuroradiology, 2020, 41, 591-597.	1.2	25
50	Histopathologische Untersuchungen. , 2020, , 355-374.		0
51	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.	1.8	46
52	Age-related MR characteristics in mild malformation of cortical development with oligodendroglial hyperplasia and epilepsy (MOGHE). Epilepsy and Behavior, 2019, 91, 68-74.	0.9	39
53	Epileptic Patient with Mild Malformation of Cortical Development with Oligodendroglial Hyperplasia and Epilepsy (MOGHE): A Case Report and Review of the Literature. Case Reports in Neurological Medicine, 2019, 2019, 1-5.	0.3	5
54	Assessment of genetic variant burden in epilepsy-associated brain lesions. European Journal of Human Genetics, 2019, 27, 1738-1744.	1.4	12

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55	Response to commentary on recommendations for the use of structural <scp>MRI</scp> in the care of patients with epilepsy: A consensus report from the <scp>ILAE</scp> Neuroimaging Task Force. Epilepsia, 2019, 60, 2143-2144.	2.6	74
56	Operative posterior disconnection in epilepsy surgery: Experience with 29 patients. Epilepsia, 2019, 60, 1973-1983.	2.6	24
57	Magnetoencephalography for epileptic focus localization in a series of 1000 cases. Brain, 2019, 142, 3059-3071.	3.7	108
58	Temporal lobe â€œplusâ€•epilepsy associated with oligodendroglial hyperplasia (MOGHE). Acta Neurologica Scandinavica, 2019, 140, 296-300.	1.0	16
59	Pathology and Classification of Tumors of theÂCentral Nervous System. , 2019, , 3-89.		0
60	Recommendations for the use of structural magnetic resonance imaging in the care of patients with epilepsy: A consensus report from the International League Against Epilepsy Neuroimaging Task Force. Epilepsia, 2019, 60, 1054-1068.	2.6	184
61	Genomic <scp>DNA</scp> methylation distinguishes subtypes of human focal cortical dysplasia. Epilepsia, 2019, 60, 1091-1103.	2.6	61
62	It is time to move on. Brain Pathology, 2019, 29, 467-468.	2.1	3
63	When does conscious memory become dependent on the hippocampus? The role of memory load and the differential relevance of left hippocampal integrity for short- and long-term aspects of verbal memory performance. Brain Structure and Function, 2019, 224, 1599-1607.	1.2	19
64	Papillary glioneuronal tumor (PGNT) exhibits a characteristic methylation profile and fusions involving PRKCA. Acta Neuropathologica, 2019, 137, 837-846.	3.9	43
65	Development of highâ€•resolution 3D MR fingerprinting for detection and characterization of epileptic lesions. Journal of Magnetic Resonance Imaging, 2019, 49, 1333-1346.	1.9	70
66	Differences in pediatric and adult epilepsy surgery: A comparison at one center from 1990 to 2014. Epilepsia, 2019, 60, 233-245.	2.6	33
67	A comprehensive clinicoâ€pathological and genetic evaluation of bottomâ€ofâ€sulcus focal cortical dysplasia in patients with difficultâ€toâ€localize focal epilepsy. Epileptic Disorders, 2019, 21, 65-77.	0.7	12
68	Review: The international consensus classification of Focal Cortical Dysplasia â€“ a critical update 2018. Neuropathology and Applied Neurobiology, 2018, 44, 18-31.	1.8	151
69	Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. Brain, 2018, 141, 391-408.	3.7	352
70	Commonalities in epileptogenic processes from different acute brain insults: Do they translate?. Epilepsia, 2018, 59, 37-66.	2.6	206
71	Coregistrating magnetic source and magnetic resonance imaging for epilepsy surgery in focal cortical dysplasia. NeuroImage: Clinical, 2018, 19, 487-496.	1.4	22
72	Long-term outcome after epilepsy surgery in older adults. Seizure: the Journal of the British Epilepsy Association, 2018, 57, 56-62.	0.9	32

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73	Technical Modification of Amygdalo-Hippocampectomy in Temporal Lobe Epilepsy Surgery to Further Reduce Severe Neurological Complications: A Clinical-Anatomical Study. World Neurosurgery, 2018, 114, e129-e136.	0.7	2
74	DNA methylation-based classification of central nervous system tumours. Nature, 2018, 555, 469-474.	13.7	1,872
75	Epigenetics in epilepsy. Neuroscience Letters, 2018, 667, 40-46.	1.0	73
76	Intraoperative Magnetic-Resonance Tomography and Neuronavigation During Resection of Focal Cortical Dysplasia Type II in Adult Epilepsy Surgery Offers Better Seizure Outcomes. World Neurosurgery, 2018, 109, e43-e49.	0.7	17
77	Epilepsy as a Network Disorder (2): What can we learn from other network disorders such as dementia and schizophrenia, and what are the implications for translational research?. Epilepsy and Behavior, 2018, 78, 302-312.	0.9	17
78	Papillary Glioneuronal Tumor with an Excessive Angiomatous Component in an Elderly Man. Chinese Medical Journal, 2018, 131, 243-244.	0.9	2
79	Manual Hippocampal Subfield Segmentation Using High-Field MRI: Impact of Different Subfields in Hippocampal Volume Loss of Temporal Lobe Epilepsy Patients. Frontiers in Neurology, 2018, 9, 927.	1.1	28
80	A web-based diagnostic reference centre for the European Reference Network â€œEpiCareâ€: recommendations of the eNeuropathology working group. Epileptic Disorders, 2018, 20, 339-345.	0.7	2
81	Guidelineâ€based and bioinformatic reassessment of lesionâ€associated gene and variant pathogenicity in focal human epilepsies. Epilepsia, 2018, 59, 2145-2152.	2.6	8
82	Ultra-high field MRI of human hippocampi: Morphological and multiparametric differentiation of hippocampal sclerosis subtypes. PLoS ONE, 2018, 13, e0196008.	1.1	18
83	Neurons under T Cell Attack Coordinate Phagocyte-Mediated Synaptic Stripping. Cell, 2018, 175, 458-471.e19.	13.5	136
84	MicroRNA519d and microRNA4758 can identify gangliogliomas from dysembryoplastic neuroepithelial tumours and astrocytomas. Oncotarget, 2018, 9, 28103-28115.	0.8	5
85	Lesional cerebellar epilepsy: a review of the evidence. Journal of Neurology, 2017, 264, 1-10.	1.8	12
86	Mild Malformation of Cortical Development with Oligodendroglial Hyperplasia in Frontal Lobe Epilepsy: A New Clinicoâ€Pathological Entity. Brain Pathology, 2017, 27, 26-35.	2.1	81
87	International summer school for neuropathology and epilepsy surgery in Chengdu, China, August 29â€“September 1, 2016. Epilepsia, 2017, 58, 172-174.	2.6	1
88	Labelâ€free multiphoton microscopy reveals altered tissue architecture in hippocampal sclerosis. Epilepsia, 2017, 58, e1-e5.	2.6	12
89	Histopathological Findings in Brain Tissue Obtained during Epilepsy Surgery. New England Journal of Medicine, 2017, 377, 1648-1656.	13.9	621
90	A distinct clinicopathological variant of focal cortical dysplasia <scp>III</scp>d characterized by loss of layer 4 in the occipital lobe in 12 children with remote hypoxicâ€“ischemic injury. Epilepsia, 2017, 58, 1697-1705.	2.6	14

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91	Utility of CISS sequence in detecting anteroinferior temporal encephalocele. Journal of the Neurological Sciences, 2017, 381, 59-61.	0.3	5
92	Putting the new ILAE classification of focal cortical dysplasia into practice in western China. Seizure: the Journal of the British Epilepsy Association, 2017, 51, 133-138.	0.9	2
93	Neuropathologie. Zeitschrift Fur Epileptologie, 2017, 30, 180-181.	0.2	0
94	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. Acta Neuropathologica, 2017, 133, 417-429.	3.9	172
95	Somatic Mutations Activating the mTOR Pathway in Dorsal Telencephalic Progenitors Cause a Continuum of Cortical Dysplasias. Cell Reports, 2017, 21, 3754-3766.	2.9	247
96	Subependymal giant cell astrocytomas in Tuberous Sclerosis Complex have consistent TSC1/TSC2 biallelic inactivation, and no BRAF mutations. Oncotarget, 2017, 8, 95516-95529.	0.8	49
97	Epigenetic control of epilepsy target genes contributes to a cellular memory of epileptogenesis in cultured rat hippocampal neurons. Acta Neuropathologica Communications, 2017, 5, 79.	2.4	19
98	Development of a histologically validated segmentation protocol for the hippocampal body. NeuroImage, 2017, 157, 219-232.	2.1	17
99	Small temporal pole encephalocele: A hidden cause of â€œnormalâ€•<scp>MRI</scp> temporal lobe epilepsy. Epilepsia, 2016, 57, 841-851.	2.6	56
100	International recommendation for a comprehensive neuropathologic workup of epilepsy surgery brain tissue: A consensus Task Force report from the <scp>ILAE</scp> Commission on Diagnostic Methods. Epilepsia, 2016, 57, 348-358.	2.6	110
101	Atlas of neuropathological lesions in epilepsy surgery: No hippocampal sclerosis (ILAE classification) Tj ETQq1 1 0.784314 rgBT /Overl	0.7	0
102	Trends in epilepsy surgery: stable surgical numbers despite increasing presurgical volumes. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 1322-1329.	0.9	114
103	LRP12 silencing during brain development results in cortical dyslamination and seizure sensitization. Neurobiology of Disease, 2016, 86, 170-176.	2.1	11
104	Magnetoencephalography-guided surgery in frontal lobe epilepsy using neuronavigation and intraoperative MR imaging. Epilepsy Research, 2016, 126, 26-36.	0.8	12
105	Epilepsy-associated tumours: what epileptologists should know about neuropathology, terminology, and classification systems. Epileptic Disorders, 2016, 18, 240-251.	0.7	28
106	Low-grade epilepsy-associated neuroepithelial tumours â€” the 2016 WHO classification. Nature Reviews Neurology, 2016, 12, 732-740.	4.9	113
107	Somatic mutations rather than viral infection classify focal cortical dysplasia type II as mTORopathy. Current Opinion in Neurology, 2016, 29, 388-395.	1.8	11
108	Specific pattern of maturation and differentiation in the formation of cortical tubers in tuberous sclerosis complex (TSC): evidence from layer-specific marker expression. Journal of Neurodevelopmental Disorders, 2016, 8, 9.	1.5	23

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109	Resective surgery for medically refractory epilepsy using intraoperative MRI and functional neuronavigation: the Erlangen experience of 415 patients. Neurosurgical Focus, 2016, 40, E15.	1.0	32
110	Infections, inflammation and epilepsy. Acta Neuropathologica, 2016, 131, 211-234.	3.9	348
111	Opportunities for improving animal welfare in rodent models of epilepsy and seizures. Journal of Neuroscience Methods, 2016, 260, 2-25.	1.3	93
112	Multiphasic presentation of Rasmussen's encephalitis. Epileptic Disorders, 2015, 17, 315-320.	0.7	8
113	No evidence for human papillomavirus infection in focal cortical dysplasia <scp>II</scp>b. Annals of Neurology, 2015, 77, 312-319.	2.8	15
114	Diagnostic methods and treatment options for focal cortical dysplasia. Epilepsia, 2015, 56, 1669-1686.	2.6	167
115	Resection of cerebral gangliogliomas causing drug-resistant epilepsy: short- and long-term outcomes using intraoperative MRI and neuronavigation. Neurosurgical Focus, 2015, 38, E5.	1.0	20
116	Risk Reduction in Dominant Temporal Lobe Epilepsy Surgery Combining fMRI/DTI Maps, Neuronavigation and Intraoperative 1.5-Tesla MRI. Stereotactic and Functional Neurosurgery, 2015, 93, 168-177.	0.8	11
117	Relevance of hippocampal integrity for memory outcome after surgical treatment of mesial temporal lobe epilepsy. Journal of Neurology, 2015, 262, 2214-2224.	1.8	31
118	Reply: Is there evidence of a subordinate role of the hippocampal CA1 field for declarative memory formation?. Brain, 2015, 138, e344-e344.	3.7	5
119	<scp>S</scp>turgeâ€“<scp>W</scp>eber Syndrome Is Associated with Cortical Dysplasia <scp>ILAE</scp> Type <scp>IIIc</scp> and Excessive Hypertrophic Pyramidal Neurons in Brain Resections for Intractable Epilepsy. Brain Pathology, 2015, 25, 248-255.	2.1	27
120	Structural and functional rejuvenation of the aged brain by an approved anti-asthmatic drug. Nature Communications, 2015, 6, 8466.	5.8	139
121	Clinico-pathological subtypes of hippocampal sclerosis in temporal lobe epilepsy and their differential impact on memory impairment. Neuroscience, 2015, 309, 153-161.	1.1	46
122	VCP and PSMF1: Antagonistic regulators of proteasome activity. Biochemical and Biophysical Research Communications, 2015, 463, 1210-1217.	1.0	26
123	Biochemical markers of neurodegeneration in hereditary diffuse leucoencephalopathy with spheroids. BMJ Case Reports, 2014, 2014, bcr2012008510-bcr2012008510.	0.2	4
124	Hippocampal dysplasia with balloon cells: case report and discussion on classification. Journal of Neurology, 2014, 261, 2022-2024.	1.8	3
125	Electro-clinical-pathological correlations in focal cortical dysplasia (FCD) at young ages. Child's Nervous System, 2014, 30, 2015-2026.	0.6	22
126	7<scp>T MRI</scp> features in control human hippocampus and hippocampal sclerosis: An ex vivo study with histologic correlations. Epilepsia, 2014, 55, 2003-2016.	2.6	76

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127	Frameless Stereotactic Functional Neuronavigation Combined with Intraoperative Magnetic Resonance Imaging as a Strategy in Highly Eloquent Located Tumors Causing Epilepsy. Stereotactic and Functional Neurosurgery, 2014, 92, 59-67.	0.8	14
128	The overall pathological status of the left hippocampus determines preoperative verbal memory performance in left mesial temporal lobe epilepsy. Hippocampus, 2014, 24, 446-454.	0.9	48
129	Coâ€occurring malformations of cortical development and <scp>SCN</scp>1A gene mutations. Epilepsia, 2014, 55, 1009-1019.	2.6	84
130	Increased Mitotic and Proliferative Activity Are Associated With Worse Prognosis in Papillary Tumors of the Pineal Region. American Journal of Surgical Pathology, 2014, 38, 106-110.	2.1	28
131	Intraoperative use of high-field MRI in hypothalamic hamartomas associated with epilepsy: clinico-pathological presentation of five adult patients. Acta Neurochirurgica, 2014, 156, 1865-1878.	0.9	8
132	In response to commentary on cavernomaâ€related epilepsy: Review and recommendations for managementâ€"Report of the surgical task force of the <scp>ILAE</scp> commission on therapeutic strategies. Epilepsia, 2014, 55, 466-467.	2.6	1
133	Improved resection in lesional temporal lobe epilepsy surgery using neuronavigation and intraoperative MR imaging: Favourable long term surgical and seizure outcome in 88 consecutive cases. Seizure: the Journal of the British Epilepsy Association, 2014, 23, 201-207.	0.9	30
134	Commentary on the 1st International Summer School for Neuropathology and Epilepsy Surgery (INES) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.6	1
135	Epilepsy surgery in children and adolescents with malformations of cortical developmentâ€"Outcome and impact of the new ILAE classification on focal cortical dysplasia. Epilepsy Research, 2014, 108, 1652-1661.	0.8	51
136	A neuropathology-based approach to epilepsy surgery in brain tumors and proposal for a new terminology use for long-term epilepsy-associated brain tumors. Acta Neuropathologica, 2014, 128, 39-54.	3.9	139
137	Pathology-based approach to epilepsy surgery. Acta Neuropathologica, 2014, 128, 1-3.	3.9	14
138	Differential influence of hippocampal subfields to memory formation: insights from patients with temporal lobe epilepsy. Brain, 2014, 137, 1945-1957.	3.7	171
139	Epigenetic mechanisms in epilepsy. Progress in Brain Research, 2014, 213, 279-316.	0.9	54
140	Clinical relevance of source location in frontal lobe epilepsy and prediction of postoperative long-term outcome. Seizure: the Journal of the British Epilepsy Association, 2014, 23, 553-559.	0.9	46
141	Predictive chromosomal clusters of synchronous and metachronous brain metastases in clear cell renal cell carcinoma. Cancer Genetics, 2014, 207, 206-213.	0.2	10
142	1st International Summer School for Neuropathology and Epilepsy Surgery (INES 2013), held in Erlangen, Germany, September 16th-20th, 2013. Brain Pathology, 2014, 24, iii-iv.	2.1	0
143	Clinicoâ€pathological investigations of Rasmussen encephalitis suggest multifocal disease progression and associated focal cortical dysplasia. Epileptic Disorders, 2013, 15, 32-43.	0.7	27
144	Papillary tumor of the pineal region with anaplastic small cell component. Journal of Neuro-Oncology, 2013, 115, 127-130.	1.4	6

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145	The international consensus classification for hippocampal sclerosis: an important step towards accurate prognosis. Lancet Neurology, The, 2013, 12, 844-846.	4.9	43
146	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.	2.6	816
147	Deep sequencing reveals increased DNA methylation in chronic rat epilepsy. Acta Neuropathologica, 2013, 126, 741-756.	3.9	172
148	Interictal magnetoencephalography used in magnetic resonance imaging-negative patients with epilepsy. Acta Neurologica Scandinavica, 2013, 127, 274-280.	1.0	26
149	The methylation hypothesis of pharmacoresistance in epilepsy. Epilepsia, 2013, 54, 41-47.	2.6	81
150	Frequent triple-hit expression of MYC, BCL2, and BCL6 in primary lymphoma of the central nervous system and absence of a favorable MYClowBCL2low subgroup may underlie the inferior prognosis as compared to systemic diffuse large B cell lymphomas. Acta Neuropathologica, 2013, 126, 603-605.	3.9	64
151	Cavernomaâ€related epilepsy: Review and recommendations for managementâ€"Report of the Surgical Task Force of the <scp>ILAE</scp> Commission on Therapeutic Strategies. Epilepsia, 2013, 54, 2025-2035.	2.6	176
152	Surgical management of epilepsy due to cerebral cavernomas using neuronavigation and intraoperative MR imaging. Neurological Research, 2013, 35, 1076-1083.	0.6	32
153	Integration of functional neuronavigation and intraoperative MRI in surgery for drug-resistant extratemporal epilepsy close to eloquent brain areas. Neurosurgical Focus, 2013, 34, E4.	1.0	55
154	Epilepsy, hippocampal sclerosis and febrile seizures linked by common genetic variation around SCN1A. Brain, 2013, 136, 3140-3150.	3.7	168
155	Neuroprotective intervention by interferon-Î³ blockade prevents CD8+ T cellâ€"mediated dendrite and synapse loss. Journal of Experimental Medicine, 2013, 210, 2087-2103.	4.2	77
156	The curse of in silico transformation from <scp>P</scp>almini's into the <scp>ILAE</scp> classification system of focal cortical dysplasia: A critical comment. Epilepsia, 2013, 54, 1506-1507.	2.6	5
157	Neuroprotective intervention by interferon-Î³ blockade prevents CD8+ T cell-mediated dendrite and synapse loss. Journal of Cell Biology, 2013, 202, 2026OIA90.	2.3	0
158	Good interobserver and intraobserver agreement in the evaluation of the new ILAE classification of focal cortical dysplasias. Epilepsia, 2012, 53, 1341-1348.	2.6	63
159	Focal cortical dysplasia type IIb in the rolandic cortex: Functional reorganization after early surgery documented by passive task functional MRI. Epilepsia, 2012, 53, e141-5.	2.6	22
160	Immunopathology of autoantibody-associated encephalitides: clues for pathogenesis. Brain, 2012, 135, 1622-1638.	3.7	549
161	The emerging role of DNA methylation in epileptogenesis. Epilepsia, 2012, 53, 11-20.	2.6	82
162	Epilepsy-associated brain tumors. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2012, 108, 559-568.	1.0	5

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163	Longâ€Term Epilepsyâ€Associated Tumors. Brain Pathology, 2012, 22, 350-379.	2.1	176
164	Defining Clinicoâ€Neuropathological Subtypes of Mesial Temporal Lobe Epilepsy with Hippocampal Sclerosis. Brain Pathology, 2012, 22, 402-411.	2.1	163
165	Cause Matters: A Neuropathological Challenge to Human Epilepsies. Brain Pathology, 2012, 22, 347-349.	2.1	34
166	Neuropathologic measurements in focal cortical dysplasias: validation of the ILAE 2011 classification system and diagnostic implications for MRI. Acta Neuropathologica, 2012, 123, 259-272.	3.9	106
167	Parry-Romberg Syndrome with chronic focal encephalitis: Two cases. Clinical Neurology and Neurosurgery, 2011, 113, 170-172.	0.6	8
168	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.	2.6	1,454
169	The methylation hypothesis: Do epigenetic chromatin modifications play a role in epileptogenesis?. Epilepsia, 2011, 52, 15-19.	2.6	93
170	MEG in frontal lobe epilepsies: Localization and postoperative outcome. Epilepsia, 2011, 52, 2233-2238.	2.6	33
171	An international consensus classification for focal cortical dysplasias. Lancet Neurology, The, 2011, 10, 26-27.	4.9	69
172	Intrinsic epileptogenicity of gangliogliomas may be independent from co-occurring focal cortical dysplasia. Epilepsy Research, 2011, 97, 208-213.	0.8	31
173	EGFR Signaling Regulates Tumor Cell Migration in Craniopharyngiomas. Clinical Cancer Research, 2011, 17, 4367-4377.	3.2	80
174	12 years of pediatric epilepsy surgery â€“ The Vogtareuth experience. Neuropediatrics, 2011, 42, .	0.3	5
175	Neuropathological work-up of focal cortical dysplasias using the new ILAE consensus classification system â€“ practical guideline article invited by the Euro-CNS Research Committee. , 2011, 30, 164-177.		51
176	Hormone Receptor Expression in Craniopharyngiomas. Neurosurgery, 2010, 67, 617-625.	0.6	15
177	Transient decrease in circulating dendritic cell precursors after acute stroke: potential recruitment into the brain. Clinical Science, 2010, 118, 147-157.	1.8	60
178	A distinct variant of focal cortical dysplasia type I characterised by magnetic resonance imaging and neuropathological examination in children with severe epilepsies. Epileptic Disorders, 2010, 12, 172-180.	0.7	48
179	Tumour cell migration in adamantinomatous craniopharyngiomas is promoted by activated Wnt-signalling. Acta Neuropathologica, 2010, 119, 631-639.	3.9	101
180	The application of cortical layer markers in the evaluation of cortical dysplasias in epilepsy. Acta Neuropathologica, 2010, 120, 517-528.	3.9	47

#	Article	IF	Citations
181	Focal Cortical Dysplasias: clinical implication of neuropathological classification systems. Acta Neuropathologica, 2010, 120, 359-367.	3.9	75
182	A tumor-specific cellular environment at the brain invasion border of adamantinomatous craniopharyngiomas. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2010, 456, 287-300.	1.4	40
183	MEG correlates of epileptic high gamma oscillations in invasive EEG. Epilepsia, 2010, 51, 1638-1642.	2.6	58
184	SAHA ameliorates the SMA phenotype in two mouse models for spinal muscular atrophy. Human Molecular Genetics, 2010, 19, 1492-1506.	1.4	195
185	Strumpellin is a novel valosin-containing protein binding partner linking hereditary spastic paraplegia to protein aggregation diseases. Brain, 2010, 133, 2920-2941.	3.7	62
186	Low proliferation and differentiation capacities of adult hippocampal stem cells correlate with memory dysfunction in humans. Brain, 2010, 133, 3359-3372.	3.7	164
187	Pathology and Classification of Tumors of the Nervous System. , 2010, , 3-75.		8
188	Review: Cellular repair strategies in Parkinson's disease. Therapeutic Advances in Neurological Disorders, 2009, 2, 51-60.	1.5	15
189	Mesenchymal Stem Cells Promote Oligodendroglial Differentiation in Hippocampal Slice Cultures. Cellular Physiology and Biochemistry, 2009, 24, 317-324.	1.1	30
190	Malformations of cortical development and epilepsies: neuropathological findings with emphasis on focal cortical dysplasia. Epileptic Disorders, 2009, 11, 181-193.	0.7	120
191	Increased Reelin Promoter Methylation Is Associated With Granule Cell Dispersion in Human Temporal Lobe Epilepsy. Journal of Neuropathology and Experimental Neurology, 2009, 68, 356-364.	0.9	154
192	Survival motor neuron gene 2 silencing by DNA methylation correlates with spinal muscular atrophy disease severity and can be bypassed by histone deacetylase inhibition. Human Molecular Genetics, 2009, 18, 304-317.	1.4	116
193	LBH589 induces up to 10-fold SMN protein levels by several independent mechanisms and is effective even in cells from SMA patients non-responsive to valproate. Human Molecular Genetics, 2009, 18, 3645-3658.	1.4	100
194	Clinical prediction of postoperative seizure control: structural, functional findings and disease histories. Journal of Neurology, Neurosurgery and Psychiatry, 2009, 80, 196-200.	0.9	97
195	Towards a clinico-pathological classification of granule cell dispersion in human mesial temporal lobe epilepsies. Acta Neuropathologica, 2009, 117, 535-544.	3.9	145
196	Increased frequency of distinct TSC2 allelic variants in focal cortical dysplasias with balloon cells and mineralization. Neuropathology, 2009, 29, 559-565.	0.7	14
197	Target Gene Activation of the Wnt Signaling Pathway in Nuclear Î²â€Catenin Accumulating Cells of Adamantinomatous Craniopharyngiomas. Brain Pathology, 2009, 19, 357-364.	2.1	72
198	Spontaneous In Vitro Transformation of Adult Neural Precursors into Stemâ€Like Cancer Cells. Brain Pathology, 2009, 19, 399-408.	2.1	38

#	Article	IF	Citations
199	Different presurgical characteristics and seizure outcomes in children with focal cortical dysplasia type I or II. Epilepsia, 2009, 50, 125-137.	2.6	194
200	Doublecortin expression in focal cortical dysplasia in epilepsy. Epilepsia, 2009, 50, 2619-2628.	2.6	30
201	Neuropathology of focal epilepsies: A critical review. Epilepsy and Behavior, 2009, 15, 34-39.	0.9	130
202	Drug withdrawal after successful epilepsy surgery: How safe is it?. Epilepsy and Behavior, 2009, 15, 476-480.	0.9	30
203	Evidence for a progenitor cell population in the human pituitary. , 2009, 28, 309-318.		24
204	NEUROPATHOLOGY | Long Term Epilepsy-Associated Tumors. , 2009, , 1593-1599.		0
205	Nonâ€invasive detection of hippocampal sclerosis: correlation between metabolite alterations detected by ¹Hâ€MRS and neuropathology. NMR in Biomedicine, 2008, 21, 545-552.	1.6	34
206	The Stem Cell Marker Prominin-1/CD133 on Membrane Particles in Human Cerebrospinal Fluid Offers Novel Approaches for Studying Central Nervous System Disease. Stem Cells, 2008, 26, 698-705.	1.4	87
207	Pitfalls in diagnosing limbic encephalitis - a case report. Acta Neurologica Scandinavica, 2008, 118, 339-342.	1.0	17
208	White matter angiopathy is common in pediatric patients with intractable focal epilepsies. Epilepsia, 2008, 49, 804-815.	2.6	28
209	Neurogenesis in the human hippocampus and its relevance to temporal lobe epilepsies. Epilepsia, 2008, 49, 55-65.	2.6	63
210	In vivo detection of hepatitis C virus (HCV) RNA in the brain in a case of encephalitis: evidence for HCV neuroinvasion. European Journal of Neurology, 2008, 15, 214-218.	1.7	32
211	Interictal triple ECoG characteristics of temporal lobe epilepsies: An intraoperative ECoG analysis correlated with surgical outcome. Clinical Neurophysiology, 2008, 119, 642-652.	0.7	29
212	Histone deacetylase inhibitors: possible implications for neurodegenerative disorders. Expert Opinion on Investigational Drugs, 2008, 17, 169-184.	1.9	154
213	Recurrent Inactivation of the PRDM1 Gene in Primary Central Nervous System Lymphoma. Journal of Neuropathology and Experimental Neurology, 2008, 67, 720-727.	0.9	51
214	PPAR Gamma Activators: Off-Target Against Glioma Cell Migration and Brain Invasion. PPAR Research, 2008, 2008, 1-7.	1.1	14
215	Experimental modulation of the canonical Wnt-signalling pathway in primary cell cultures of craniopharyngiomas. Experimental and Clinical Endocrinology and Diabetes, 2008, 116, .	0.6	0
216	The peroxisome proliferator-activated receptor-Î³ agonist troglitazone inhibits transforming growth factor-Î²â€“mediated glioma cell migration and brain invasion. Molecular Cancer Therapeutics, 2007, 6, 1745-1754.	1.9	41

#	Article	IF	Citations
217	Intracerebral Hemorrhage due to Metastasis of Ovarian Granulosa Cell Carcinoma 36 Years after Initial Diagnosis. European Neurology, 2007, 58, 114-115.	0.6	5
218	Periventricular nodular heterotopia: A challenge for epilepsy surgery. Seizure: the Journal of the British Epilepsy Association, 2007, 16, 81-86.	0.9	50
219	Acute onset of fatal vegetative symptoms: unusual presentation of adult Alexander disease. European Journal of Neurology, 2007, 14, 1251-1255.	1.7	15
220	Axo-somatic inhibition of projection neurons in the lateral nucleus of amygdala in human temporal lobe epilepsy: an ultrastructural study. Experimental Brain Research, 2007, 177, 384-399.	0.7	21
221	Histone deacetylase inhibitors increase neuronal differentiation in adult forebrain precursor cells. Experimental Brain Research, 2007, 176, 672-678.	0.7	88
222	Hypofractionated Stereotactic Radiotherapy to the Rat Hippocampus. Strahlentherapie Und Onkologie, 2007, 183, 440-446.	1.0	10
223	Nuclear Î²-catenin accumulation associates with epithelial morphogenesis in craniopharyngiomas. Acta Neuropathologica, 2007, 113, 585-590.	3.9	75
224	A new clinico-pathological classification system for mesial temporal sclerosis. Acta Neuropathologica, 2007, 113, 235-244.	3.9	321
225	Angiocentric neuroepithelial tumor mimicking AmmonÂ's horn sclerosis Â– case report. , 2007, 26, 311-316.		10
226	Specific accumulation of 18F-deoxyglucose in three-dimensional long-term cultures of human and rodent brain tissue. Nuklearmedizin - NuclearMedicine, 2007, 46, 233-8.	0.3	5
227	Molecular Neuropathology of Epilepsy-Associated Glioneuronal Malformations. Journal of Neuropathology and Experimental Neurology, 2006, 65, 99-108.	0.9	84
228	Nuclear Î²-Catenin Accumulation as Reliable Marker for the Differentiation Between Cystic Craniopharyngiomas and Rathke Cleft Cysts: A Clinico-Pathologic Approach. American Journal of Surgical Pathology, 2006, 30, 1595-1603.	2.1	118
229	Introduction: Pathogenesis and Pathophysiology of Focal Epilepsies. Brain Pathology, 2006, 12, 191-192.	2.1	0
230	In vitro and ex vivo evaluation of second-generation histone deacetylase inhibitors for the treatment of spinal muscular atrophy. Journal of Neurochemistry, 2006, 98, 193-202.	2.1	140
231	Immunohistochemical profile and chromosomal imbalances in papillary tumours of the pineal region. Neuropathology and Applied Neurobiology, 2006, 32, 278-283.	1.8	95
232	Abundant hypermethylation of SOCS-1 in clinically silent pituitary adenomas. Acta Neuropathologica, 2006, 111, 264-271.	3.9	18
233	Ex vivo therapy of malignant melanomas transplanted into organotypic brain slice cultures using inhibitors of histone deacetylases. Acta Neuropathologica, 2006, 112, 205-215.	3.9	14
234	Activation of Akt independent of PTEN and CTMP tumor-suppressor gene mutations in epilepsy-associated Taylor-type focal cortical dysplasias. Acta Neuropathologica, 2006, 112, 715-725.	3.9	51

#	Article	IF	Citations
235	Low-Grade Gliomas - Current Concepts. Zentralblatt Fur Neurochirurgie, 2006, 67, 55-66.	0.5	13
236	Deficient memory acquisition in temporal lobe epilepsy is predicted by hippocampal granule cell loss. Neurology, 2006, 67, 1383-1389.	1.5	103
237	Experimental therapy of malignant gliomas using the inhibitor of histone deacetylase MS-275. Molecular Cancer Therapeutics, 2006, 5, 1248-1255.	1.9	65
238	Pathology and Classification of Tumors of the Nervous System. , 2006, , 3-72.		3
239	Distinct Allelic Variants of TSC1 and TSC2 in Epilepsy-Associated Cortical Malformations Without Balloon Cells. Journal of Neuropathology and Experimental Neurology, 2005, 64, 629-637.	0.9	22
240	Proton Magnetic Resonance Spectroscopic Imaging Integrated into Image-guided Surgery: Correlation to Standard Magnetic Resonance Imaging and Tumor Cell Density. Operative Neurosurgery, 2005, 56, ONS-291-ONS-298.	0.4	65
241	Suberoylanilide hydroxamic acid (SAHA) has potent anti-glioma properties in vitro, ex vivo and in vivo. Journal of Neurochemistry, 2005, 93, 992-999.	2.1	111
242	Neuropathological spectrum of cortical dysplasia in children with severe focal epilepsies. Acta Neuropathologica, 2005, 110, 1-11.	3.9	91
243	Mutational and immunohistochemical analysis of ezrin-, radixin-, moesin (ERM) molecules in epilepsy-associated glioneuronal lesions. Acta Neuropathologica, 2005, 110, 537-546.	3.9	31
244	Malignant gliomaâ€"induced neuronal cell death in an organotypic glioma invasion model. Journal of Neurosurgery, 2005, 102, 738-744.	0.9	39
245	Lessons from the bone marrow: how malignant glioma cells attract adult haematopoietic progenitor cells. Brain, 2005, 128, 2200-2211.	3.7	77
246	Absence of Immunoglobulin Class Switch in Primary Lymphomas of the Central Nervous System. American Journal of Pathology, 2005, 166, 1773-1779.	1.9	47
247	Magnetoencephalography (MEG) predicts focal epileptogenicity in cavernomas. Journal of Neurology, Neurosurgery and Psychiatry, 2004, 75, 1309-1313.	0.9	118
248	Evolution of MRI changes and development of bilateral hippocampal sclerosis during long lasting generalised status epilepticus. Journal of Neurology, Neurosurgery and Psychiatry, 2004, 75, 898-900.	0.9	37
249	Lesional mesial temporal lobe epilepsy and limited resections: prognostic factors and outcome. Journal of Neurology, Neurosurgery and Psychiatry, 2004, 75, 1589-1596.	0.9	85
250	An isomorphic subtype of long-term epilepsy-associated astrocytomas associated with benign prognosis. Acta Neuropathologica, 2004, 107, 381-388.	3.9	76
251	Microtubule-associated protein-2 immunoreactivity: a useful tool in the differential diagnosis of low-grade neuroepithelial tumors. Acta Neuropathologica, 2004, 108, 89-96.	3.9	66
252	Analysis of chromosomal instability in focal cortical dysplasia of Taylor?s balloon cell type. Acta Neuropathologica, 2004, 108, 129-34.	3.9	17

#	Article	IF	Citations
253	CD34-immunoreactive balloon cells in cortical malformations. Acta Neuropathologica, 2004, 108, 272-278.	3.9	57
254	The reelin pathway components disabled-1 and p35 in gangliogliomas - a mutation and expression analysis. Neuropathology and Applied Neurobiology, 2004, 30, 225-232.	1.8	19
255	Supratentorial gangliogliomas: Histopathologic grading and tumor recurrence in 184 patients with a median follow-up of 8 years. Cancer, 2004, 101, 146-155.	2.0	289
256	Analysis of Different Types of Resection for Pediatric Patients with Temporal Lobe Epilepsy. Neurosurgery, 2004, 54, 847-860.	0.6	143
257	Evidence for a Clinically Distinct New Subtype of Grade II Astrocytomas in Patients with Long-term Epilepsy. Neurosurgery, 2004, 55, 340-348.	0.6	65
258	Mutational analysis of p18 in pituitary adenomas. Experimental and Clinical Endocrinology and Diabetes, 2004, 112, .	0.6	0
259	MR imaging in the presurgical workup of patients with drug-resistant epilepsy. American Journal of Neuroradiology, 2004, 25, 919-26.	1.2	57
260	Expression of the CD34 antigen in pleomorphic xanthoastrocytomas. Acta Neuropathologica, 2003, 105, 358-364.	3.9	70
261	Stï¿½rungen der kortikalen Entwicklung: Bildgebung und Klassifizierung. Klinische Neuroradiologie, 2003, 13, 163-172.	0.9	10
262	Cellular pathology of amygdala neurons in human temporal lobe epilepsy. Acta Neuropathologica, 2003, 106, 99-106.	3.9	42
263	Gangliogliome: Epidemiologie und VorschlÃge zu neuen Richtlinien in der klinisch-neuropathologischen Diagnostik dieses ungewÃ¶hnlichen und mit fokalen Epilepsien-assoziierten Tumors. Zeitschrift Fur Epileptologie, 2003, 16, 2-6.	0.2	0
264	Consequences of a novel caveolin-3 mutation in a large German family. Annals of Neurology, 2003, 53, 233-241.	2.8	74
265	The Spectrum of Long-term Epilepsy-associated Tumors: Long-term Seizure and Tumor Outcome and Neurosurgical Aspects. Epilepsia, 2003, 44, 822-830.	2.6	412
266	Correlated stage- and subfield-associated hippocampal gene expression patterns in experimental and human temporal lobe epilepsy. European Journal of Neuroscience, 2003, 18, 2792-2802.	1.2	135
267	Heterotopias, cortical dysplasias and glioneural tumors participate in cognitive processing in patients with temporal lobe epilepsy. Neuroscience Letters, 2003, 338, 237-241.	1.0	22
268	Functional network integration of embryonic stem cell-derived astrocytes in hippocampal slice cultures. Development (Cambridge), 2003, 130, 5533-5541.	1.2	57
269	Outcome of epilepsy surgery in focal cortical dysplasia. Journal of Neurology, Neurosurgery and Psychiatry, 2003, 74, 183-188.	0.9	136
270	Valproic acid increases the SMN2 protein level: a well-known drug as a potential therapy for spinal muscular atrophy. Human Molecular Genetics, 2003, 12, 2481-2489.	1.4	333

#	Article	IF	Citations
271	Disorganization of the Desmin Cytoskeleton and Mitochondrial Dysfunction in Plectin-Related Epidermolysis Bullosa Simplex with Muscular Dystrophy. Journal of Neuropathology and Experimental Neurology, 2002, 61, 520-530.	0.9	96
272	Gangliogliomas: An Intriguing Tumor Entity Associated With Focal Epilepsies. Journal of Neuropathology and Experimental Neurology, 2002, 61, 575-584.	0.9	317
273	Time-efficient T2 relaxometry of the entire hippocampus is feasible in temporal lobe epilepsy. Neurology, 2002, 58, 257-264.	1.5	48
274	Functional genomics in experimental and human temporal lobe epilepsy: powerful new tools to identify molecular disease mechanisms of hippocampal damage. Progress in Brain Research, 2002, 135, 161-173.	0.9	15
275	Differential Expression Profile of Class I and Class III Metabotropic Glutamate Receptors during Postnatal Development of Rat Hippocampus. Neuroembryology and Aging, 2002, 1, 23-28.	0.1	2
276	Transcriptional profiling in human epilepsy: expression array and single cell real-time qRT-PCR analysis reveal distinct cellular gene regulation. NeuroReport, 2002, 13, 1327-1333.	0.6	59
277	Focal cortical dysplasia of Taylor's balloon cell type: Mutational analysis of theTSC1gene indicates a pathogenic relationship to tuberous sclerosis. Annals of Neurology, 2002, 52, 29-37.	2.8	136
278	Mutational and expression analysis of the reelin pathway components CDK5 and doublecortin in gangliogliomas. Acta Neuropathologica, 2002, 104, 403-408.	3.9	25
279	Focal Cortical Dysplasia of Taylor's Balloon Cell Type: A Clinicopathological Entity with Characteristic Neuroimaging and Histopathological Features, and Favorable Postsurgical Outcome. Epilepsia, 2002, 43, 33-40.	2.6	217
280	Ammon's Horn Sclerosis: A Maldevelopmental Disorder Associated with Temporal Lobe Epilepsy. Brain Pathology, 2002, 12, 199-211.	2.1	313
281	Surgery to Treat Focal Frontal Lobe Epilepsy in Adults. Neurosurgery, 2002, 51, 644-655.	0.6	22
282	Messenger RNA of steroid 21-hydroxylase (CYP21) is expressed in the human hippocampus. Neuroscience Letters, 2001, 308, 111-114.	1.0	31
283	Postsurgical outcome of children and adolescents with medically refractory frontal lobe epilepsies. Child's Nervous System, 2001, 17, 595-601.	0.6	62
284	Neuroactive steroids and seizure susceptibility. Epilepsy Research, 2001, 44, 141-153.	0.8	100
285	Mutational analysis of TSC1 and TSC2 genes in gangliogliomas. Neuropathology and Applied Neurobiology, 2001, 27, 105-114.	1.8	72
286	Increase of nestin-immunoreactive neural precursor cells in the dentate gyrus of pediatric patients with early-onset temporal lobe epilepsy. Hippocampus, 2001, 11, 311-321.	0.9	176
287	Distinct Expression Pattern of Microtubule-Associated Protein-2 in Human Oligodendrogliomas and Glial Precursor Cells. Journal of Neuropathology and Experimental Neurology, 2001, 60, 984-993.	0.9	93
288	Surgical treatment for neocortical temporal lobe epilepsy: clinical and surgical aspects and seizure outcome. Journal of Neurosurgery, 2001, 94, 33-42.	0.9	106

#	Article	IF	Citations
289	Quality Management in Neuropathology. , 2001, 78, 73-77.		0
290	Subregional Pathology of the Amygdala Complex and Entorhinal Region in Surgical Specimens From Patients With Pharmacoresistant Temporal Lobe Epilepsy. Journal of Neuropathology and Experimental Neurology, 2000, 59, 907-920.	0.9	138
291	Up-regulation of the metabotropic glutamate receptor mGluR4 in hippocampal neurons with reduced seizure vulnerability. Annals of Neurology, 2000, 47, 26-35.	2.8	74
292	Mitochondrial complex I deficiency in the epileptic focus of patients with temporal lobe epilepsy. Annals of Neurology, 2000, 48, 766-773.	2.8	201
293	Astrocytes in the hippocampus of patients with temporal lobe epilepsy display changes in potassium conductances. European Journal of Neuroscience, 2000, 12, 2087-2096.	1.2	241
294	Expression of mRNAs encoding for 17Î²-hydroxisteroid dehydrogenase isozymes 1, 2, 3 and 4 in epileptic human hippocampus. Epilepsy Research, 2000, 41, 83-91.	0.8	33
295	Expression of 5alpha-Reductase and 3alpha-Hydroxisteroid Oxidoreductase in the Hippocampus of Patients with Chronic Temporal Lobe Epilepsy. Epilepsia, 2000, 41, 140-147.	2.6	60
296	Loss of Hilar Mossy Cells in Ammon's Horn Sclerosis. Epilepsia, 2000, 41, S174-S180.	2.6	87
297	Modulation of Calcium Channels by Group I and Group II Metabotropic Glutamate Receptors in Dentate Gyrus Neurons from Patients with Temporal Lobe Epilepsy. Epilepsia, 2000, 41, 1249-1258.	2.6	10
298	p0071, a member of the armadillo multigene family, is a constituent of sarcomeric I-bands in human skeletal muscle. Journal of Muscle Research and Cell Motility, 2000, 21, 577-586.	0.9	6
299	Temporal Lobe Epilepsy Associated Up-Regulation of Metabotropic Glutamate Receptors: Correlated Changes in mGluR1 mRNA and Protein Expression in Experimental Animals and Human Patients. Journal of Neuropathology and Experimental Neurology, 2000, 59, 1-10.	0.9	94
300	Expression of mineralocorticoid and glucocorticoid receptor mRNA in the human hippocampus. Neuroscience Letters, 2000, 290, 121-124.	1.0	48
301	Androgen receptor mRNA expression in the human hippocampus. Neuroscience Letters, 2000, 294, 25-28.	1.0	114
302	Upâ€regulation of the metabotropic glutamate receptor mGluR4 in hippocampal neurons with reduced seizure vulnerability. Annals of Neurology, 2000, 47, 26-35.	2.8	3
303	Mitochondrial complex I deficiency in the epileptic focus of patients with temporal lobe epilepsy. , 2000, 48, 766.		10
304	Surgery for neocortical temporal and frontal epilepsy. Advances in Neurology, 2000, 84, 595-603.	0.8	11
305	Evidence relating human verbal memory to hippocampal N-methyl-D-aspartate receptors. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 12085-12089.	3.3	136
306	Borna Disease Virus in Human Brains with a Rare Form of Hippocampal Degeneration but Not in Brains of Patients with Common Neuropsychiatric Disorders. Journal of Infectious Diseases, 1999, 180, 1695-1699.	1.9	41

#	Article	IF	Citations
307	Molecular neuropathology of human mesial temporal lobe epilepsy. Epilepsy Research, 1999, 36, 205-223.	0.8	154
308	Limbic P300s in temporal lobe epilepsy with and without Ammon's horn sclerosis. European Journal of Neuroscience, 1999, 11, 1899-1906.	1.2	56
309	Neurologic sequelae of treatment of primary CNS lymphomas. Journal of Neuro-Oncology, 1999, 43, 277-286.	1.4	38
310	An increase of hippocampal calretinin-immunoreactive neurons correlates with early febrile seizures in temporal lobe epilepsy. Acta Neuropathologica, 1999, 97, 31-39.	3.9	65
311	The CD34 epitope is expressed in neoplastic and malformative lesions associated with chronic, focal epilepsies. Acta Neuropathologica, 1999, 97, 481-490.	3.9	164
312	Immunogold EM reveals a close association of plectin and the desmin cytoskeleton in human skeletal muscle. European Journal of Cell Biology, 1999, 78, 288-295.	1.6	62
313	Cellular pathology of hilar neurons in Ammon's horn sclerosis. , 1999, 414, 437-453.		118
314	Evidence for developmental precursor lesions in epilepsy-associated glioneuronal tumors. Microscopy Research and Technique, 1999, 46, 53-58.	1.2	71
315	Two electrophysiologically distinct types of granule cells in epileptic human hippocampus. Neuroscience, 1999, 90, 1197-1206.	1.1	36
316	Distribution of voltage-dependent calcium channel beta subunits in the hippocampus of patients with temporal lobe epilepsy. Neuroscience, 1999, 93, 449-456.	1.1	35
317	Loss of dynorphin-mediated inhibition of voltage-dependent Ca2+ currents in hippocampal granule cells isolated from epilepsy patients is associated with mossy fiber sprouting. Neuroscience, 1999, 94, 465-471.	1.1	52
318	Marrow-mindedness: a perspective on neuropoiesis. Trends in Neurosciences, 1999, 22, 348-357.	4.2	99
319	Differential regulation of apoptosis-related genes in resistant and vulnerable subfields of the rat epileptic hippocampus. Molecular Brain Research, 1999, 67, 172-176.	2.5	79
320	5â€²-Nucleotidase Activity Indicates Sites of Synaptic Plasticity and Reactive Synaptogenesis in the Human Brain. Journal of Neuropathology and Experimental Neurology, 1999, 58, 451-458.	0.9	24
321	Expression of cytochrome P450scc mRNA in the hippocampus of patients with temporal lobe epilepsy. NeuroReport, 1999, 10, 3067-3070.	0.6	38
322	Evidence for developmental precursor lesions in epilepsy-associated glioneuronal tumors. , 1999, 46, 53.		3
323	Pathological Findings in Mesial Temporal Sclerosis. , 1999, , 133-139.		2
324	Plectin in the human central nervous system: predominant expression at pia/glia and endothelia/glia interfaces. Acta Neuropathologica, 1998, 96, 215-221.	3.9	26

#	Article	IF	Citations
325	Polymorphic imprinting of the serotonin-2A (5-HT2A) receptor gene in human adult brain. Molecular Brain Research, 1998, 59, 90-92.	2.5	99
326	Altered Patterns of Ca2+/Calmodulin-dependent Protein Kinase II and Calcineurin Immunoreactivity in the Hippocampus of Patients with Temporal Lobe Epilepsy. Journal of Neuropathology and Experimental Neurology, 1998, 57, 1078-1087.	0.9	29
327	A Novel Splice Site Associated Polymorphism in the Tuberous Sclerosis 2 (TSC2) Gene May Predispose to the Development of Sporadic Gangliogliomas. Journal of Neuropathology and Experimental Neurology, 1997, 56, 806-810.	0.9	29
328	The apolipoprotein E Îµ4 allele is not associated with early onset temporal lobe epilepsy. NeuroReport, 1997, 8, 1235-1237.	0.6	35
329	Altered distribution of plectin/HD1 in dystrophinopathies. Neuromuscular Disorders, 1997, 7, 436-437.	0.3	3
330	Coexpression of connexin45 and -32 in oligodendrocytes of rat brain. Journal of Neurocytology, 1997, 26, 17-22.	1.6	100
331	Tuberous sclerosis-like lesions in epileptogenic human neocortex lack allelic loss at the TSC1 and TSC2 regions. Acta Neuropathologica, 1997, 93, 93-96.	3.9	26
332	Neuronal loss and gliosis of the amygdaloid nucleus in temporal lobe epilepsy. Acta Neuropathologica, 1997, 93, 606-610.	3.9	52
333	Neural antigens in oligodendrogliomas and dysembryoplastic neuroepithelial tumors. Acta Neuropathologica, 1997, 94, 436-443.	3.9	87
334	Cytomegalovirus encephalitis and primary cerebral lymphoma mimicking Wernicke's encephalopathy. Neuroradiology, 1997, 39, 19-22.	1.1	21
335	Hippocampal loss of tenascin boundaries in Ammon's horn sclerosis. , 1997, 19, 35-46.		45
336	Hippocampal loss of tenascin boundaries in Ammon's horn sclerosis. , 1997, 19, 35.		3
337	Hippocampal loss of tenascin boundaries in Ammon's horn sclerosis. Glia, 1997, 19, 35-46.	2.5	12
338	A novel splice site associated polymorphism in the tuberous sclerosis 2 (TSC2) gene may predispose to the development of sporadic gangliogliomas. Journal of Neuropathology and Experimental Neurology, 1997, 56, 806-10.	0.9	5
339	Altered distribution of plectin/HD1 in dystrophinopathies. European Journal of Cell Biology, 1997, 74, 165-71.	1.6	28
340	NeuN: a useful neuronal marker for diagnostic histopathology.. Journal of Histochemistry and Cytochemistry, 1996, 44, 1167-1171.	1.3	458
341	Preservation of Calretinin-immunoreactive Neurons in the Hippocampus of Epilepsy Patients with AmmonÊ¼s Horn Sclerosis. Journal of Neuropathology and Experimental Neurology, 1996, 55, 329-341.	0.9	72
342	Lack of prognostic relevance of alterations in the epidermal growth factor receptorâ€"transforming growth factor-Î± pathway in human astrocytic gliomas. Journal of Neurosurgery, 1996, 85, 634-641.	0.9	69

#	Article	IF	Citations
343	Immunohistochemical distribution of metabotropic glutamate receptor subtypes mGluR1b, mGluR2/3, mGluR4a and mGluR5 in human hippocampus. Brain Research, 1996, 736, 217-226.	1.1	104
344	Perilesional neurochemical changes in focal epilepsies. Acta Neuropathologica, 1996, 91, 376-384.	3.9	130
345	Altered distribution of the Î±-amino-3-hydroxy-5-methyl-4-isoxazole propionate receptor subunit GluR2(4) and the N -methyl- d -aspartate receptor subunit NMDAR1 in the hippocampus of patients with temporal lobe epilepsy. Acta Neuropathologica, 1996, 92, 576-587.	3.9	54
346	Properties of a Delayed Rectifier Potassium Current in Dentate Granule Cells Isolated from the Hippocampus of Patients with Chronic Temporal Lobe Epilepsy. Epilepsia, 1996, 37, 892-901.	2.6	34
347	Neurochemical Profile of Glioneuronal Lesions from Patients with Pharmacoresistant Focal Epilepsies. Journal of Neuropathology and Experimental Neurology, 1995, 54, 689-697.	0.9	56
348	Relationship between astrocytic processes and â€œPerineuronal netsâ€•in rat neocortex. Glia, 1995, 15, 131-140.	2.5	45
349	Regional distribution of the AMPA glutamate receptor subunits GluR2(4) in human hippocampus. Brain Research, 1995, 682, 239-244.	1.1	15
350	Discrete reduction patterns of parvalbumin and calbindin D-28k immunoreactivity in the dorsal lateral geniculate nucleus and the striate cortex of adult macaque monkeys after monocular enucleation. Visual Neuroscience, 1994, 11, 1-11.	0.5	61
351	Perineuronal nets â€” a specialized form of extracellular matrix in the adult nervous system. Brain Research Reviews, 1994, 19, 128-145.	9.1	342
352	Characterization of a polyclonal antiserum against the purified human recombinant calcium binding protein calretinin. Cell Calcium, 1993, 14, 639-648.	1.1	253
353	Calcium-binding proteins: selective markers of nerve cells. Cell and Tissue Research, 1993, 271, 181-208.	1.5	668
354	Parvalbumin and calbindin D-28k immunoreactivities coexist within cytochrome oxidase-rich compartments of squirrel monkey area 18. Experimental Brain Research, 1992, 92, 39-45.	0.7	23
355	Parvalbumin in the monkey striate cortex: a quantitative immunoelectron-microscopy study. Brain Research, 1991, 554, 237-243.	1.1	58
356	Distribution of parvalbumin immunoreactivity in the visual cortex of Old World monkeys and humans. Journal of Comparative Neurology, 1990, 301, 417-432.	0.9	161
357	Histopathology findings in MRI-negative focal epilepsy. , 0, , 214-222.		1