Eleonora Aronica

List of Publications by Year
in descending order

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489 papers	36,140 citations	2802 94 h-index	5829 161 g-index
500 all docs	500 docs citations	500 times ranked	33312 citing authors

#	Article	IF	Citations
1	Genetic pathogenesis of the epileptogenic lesions in Tuberous Sclerosis Complex: Therapeutic targeting of the mTOR pathway. Epilepsy and Behavior, 2022, 131, 107713.	1.7	10
2	Interactome screening ofC9orf72dipeptide repeats reveals VCP sequestration and functional impairment by polyGA. Brain, 2022, 145, 684-699.	7.6	15
3	Evolution of electroencephalogram in infants with tuberous sclerosis complex and neurodevelopmental outcome: a prospective cohort study. Developmental Medicine and Child Neurology, 2022, 64, 495-501.	2.1	3
4	Distinct DNA Methylation Patterns of Subependymal Giant Cell Astrocytomas in Tuberous Sclerosis Complex. Cellular and Molecular Neurobiology, 2022, 42, 2863-2892.	3.3	1
5	A Novel SCA3 Knock-in Mouse Model Mimics the Human SCA3 Disease Phenotype Including Neuropathological, Behavioral, and Transcriptional Abnormalities Especially in Oligodendrocytes. Molecular Neurobiology, 2022, 59, 495-522.	4.0	22
6	Down-regulation of the brain-specific cell-adhesion molecule contactin-3 in tuberous sclerosis complex during the early postnatal period. Journal of Neurodevelopmental Disorders, 2022, 14, 8.	3.1	4
7	Increased expression of complement components in tuberous sclerosis complex and focal cortical dysplasia type 2B brain lesions. Epilepsia, 2022, 63, 364-374.	5.1	10
8	Evidence of SARS-CoV-2 in nasal brushings and olfactory mucosa biopsies of COVID-19 patients. PLoS ONE, 2022, 17, e0266740.	2.5	6
9	Pathophysiological Mechanisms and Treatment of Dermatomyositis and Immune Mediated Necrotizing Myopathies: A Focused Review. International Journal of Molecular Sciences, 2022, 23, 4301.	4.1	16
10	Clinical characteristics and outcome in muscular sarcoidosis: a retrospective cohort study and literature review. Neuromuscular Disorders, 2022, 32, 557-563.	0.6	5
11	Differentially Expressed miRNAs in Age-Related Neurodegenerative Diseases: A Meta-Analysis. Genes, 2022, 13, 1034.	2.4	4
12	Unexpected Effect of IL-1Î² on the Function of GABAA Receptors in Pediatric Focal Cortical Dysplasia. Brain Sciences, 2022, 12, 807.	2.3	5
13	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.	5.1	88
14	Subependymal giant cell astrocytomas are characterized by mTORC1 hyperactivation, a very low somatic mutation rate, and a unique gene expression profile. Modern Pathology, 2021, 34, 264-279.	5.5	16
15	Primary mismatch repair deficient IDH-mutant astrocytoma (PMMRDIA) is a distinct type with a poor prognosis. Acta Neuropathologica, 2021, 141, 85-100.	7.7	52
16	Prevention of Epilepsy in Infants with Tuberous Sclerosis Complex in the <scp>EPISTOP</scp> Trial. Annals of Neurology, 2021, 89, 304-314.	5.3	137
17	Intravenous immunoglobulins as first-line treatment in idiopathic inflammatory myopathies: a pilot study. Rheumatology, 2021, 60, 1784-1792.	1.9	25
18	Seizure activity and brain damage in a model of focal nonâ€convulsive status epilepticus. Neuropathology and Applied Neurobiology, 2021, 47, 679-693.	3.2	9

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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.	5.2	62
20	GATOR1-related focal cortical dysplasia in epilepsy surgery patients and their families: A possible gradient in severity?. European Journal of Paediatric Neurology, 2021, 30, 88-96.	1.6	16
21	Immunohistochemical Detection of Neural Stem Cells and Glioblastoma Stem Cells in the Subventricular Zone of Glioblastoma Patients. Journal of Histochemistry and Cytochemistry, 2021, 69, 349-364.	2.5	12
22	Human brain pathology in myotonic dystrophy type 1: A systematic review. Neuropathology, 2021, 41, 3-20.	1.2	21
23	Early epileptiform EEG activity in infants with tuberous sclerosis complex predicts epilepsy and neurodevelopmental outcomes. Epilepsia, 2021, 62, 1208-1219.	5.1	19
24	Upregulation of the pathogenic transcription factor SPI1/PU.1 in tuberous sclerosis complex and focal cortical dysplasia by oxidative stress. Brain Pathology, 2021, 31, e12949.	4.1	11
25	Angiocentric glioma-associated seizures: The possible role of EATT2, pyruvate carboxylase and glutamine synthetase. Seizure: the Journal of the British Epilepsy Association, 2021, 86, 152-154.	2.0	8
26	Dissecting the Molecular Determinants of GABAA Receptors Current Rundown, a Hallmark of Refractory Human Epilepsy. Brain Sciences, 2021, 11, 441.	2.3	4
27	Hsp90â€mediated regulation of DYRK3 couples stress granule disassembly and growth via mTORC1 signaling. EMBO Reports, 2021, 22, e51740.	4.5	41
28	A serum microRNA sequence reveals fragile X protein pathology in amyotrophic lateral sclerosis. Brain, 2021, 144, 1214-1229.	7.6	8
29	Proteomics and Transcriptomics of the Hippocampus and Cortex in SUDEP and High-Risk SUDEP Patients. Neurology, 2021, 96, e2639-e2652.	1.1	24
30	Altered perivascular fibroblast activity precedes ALS disease onset. Nature Medicine, 2021, 27, 640-646.	30.7	69
31	Toward a better definition of focal cortical dysplasia: An iterative histopathological and genetic agreement trial. Epilepsia, 2021, 62, 1416-1428.	5.1	54
32	Pathomechanisms of ALS8: altered autophagy and defective RNA binding protein (RBP) homeostasis due to the VAPB P56S mutation. Cell Death and Disease, 2021, 12, 466.	6.3	13
33	Expression and Cell Type-specific Localization of Inflammasome Sensors in the Spinal Cord of SOD1(G93A) Mice and Sporadic Amyotrophic lateral sclerosis Patients. Neuroscience, 2021, 463, 288-302.	2.3	8
34	Balloon cells promote immune system activation in focal cortical dysplasia type 2b. Neuropathology and Applied Neurobiology, 2021, 47, 826-839.	3.2	14
35	MicroRNAâ€34a activation in tuberous sclerosis complex during early brain development may lead to impaired corticogenesis. Neuropathology and Applied Neurobiology, 2021, 47, 796-811.	3.2	5
36	Impaired myelin production due to an intrinsic failure of oligodendrocytes in mTORpathies. Neuropathology and Applied Neurobiology, 2021, 47, 812-825.	3.2	13

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37	Toward a refined genotypeâ€“phenotype classification scheme for the international consensus classification of Focal Cortical Dysplasia. Brain Pathology, 2021, 31, e12956.	4.1	22
38	Seizure-mediated iron accumulation and dysregulated iron metabolism after status epilepticus and in temporal lobe epilepsy. Acta Neuropathologica, 2021, 142, 729-759.	7.7	31
39	Interplay between immunity and amyotrophic lateral sclerosis: Clinical impact. Neuroscience and Biobehavioral Reviews, 2021, 127, 958-978.	6.1	22
40	ApoE4 disrupts interaction of sortilin with fatty acid-binding protein 7 essential to promote lipid signaling. Journal of Cell Science, 2021, 134, .	2.0	11
41	Complement factor C1q mediates sleep spindle loss and epileptic spikes after mild brain injury. Science, 2021, 373, eabj2685.	12.6	55
42	CXCL1-CXCR1/2 signaling is induced in human temporal lobe epilepsy and contributes to seizures in a murine model of acquired epilepsy. Neurobiology of Disease, 2021, 158, 105468.	4.4	15
43	A Selective Competitive Inhibitor of Aldehyde Dehydrogenase 1A3 Hinders Cancer Cell Growth, Invasiveness and Stemness In Vitro. Cancers, 2021, 13, 356.	3.7	21
44	Neurite Outgrowth Inhibitor (NogoA) Is Upregulated in White Matter Lesions of Complex Cortical Malformations. Journal of Neuropathology and Experimental Neurology, 2021, 80, 274-282.	1.7	0
45	The matrix metalloproteinase inhibitor IPR-179 has antiseizure and antiepileptogenic effects. Journal of Clinical Investigation, 2021, 131, .	8.2	35
46	High frequency oscillations associate with neuroinflammation in low-grade epilepsy associated tumors. Clinical Neurophysiology, 2021, , .	1.5	8
47	CXCR2 increases in ALS cortical neurons and its inhibition prevents motor neuron degeneration in vitro and improves neuromuscular function in SOD1G93A mice. Neurobiology of Disease, 2021, 160, 105538.	4.4	9
48	OptimisAtion of Diagnostic Accuracy in idioPathic inflammaTory myopathies (ADAPT study): a protocol for a prospective diagnostic accuracy study of multimodality testing in patients suspected of a treatable idiopathic inflammatory myopathy. BMJ Open, 2021, 11, e053594.	1.9	1
49	No evidence of aberrant amyloid Î² and phosphorylated tau expression in herpes simplex virusâ€infected neurons of the trigeminal ganglia and brain. Brain Pathology, 2021, , e13044.	4.1	6
50	Increased matrix metalloproteinases expression in tuberous sclerosis complex: modulation by microRNA 146a and 147b in vitro. Neuropathology and Applied Neurobiology, 2020, 46, 142-159.	3.2	17
51	Rare Diseases of Neurodevelopment: Maintain the Mystery or Use a Dazzling Tool for Investigation? The Case of Rett Syndrome. Neuroscience, 2020, 439, 146-152.	2.3	10
52	Erythropoietin Increases GABAA Currents in Human Cortex from TLE Patients. Neuroscience, 2020, 439, 153-162.	2.3	7
53	Coding and non-coding transcriptome of mesial temporal lobe epilepsy: Critical role of small non-coding RNAs. Neurobiology of Disease, 2020, 134, 104612.	4.4	33
54	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

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55	microRNAâ€132 is overexpressed in glia in temporal lobe epilepsy and reduces the expression of proâ€epileptogenic factors in human cultured astrocytes. Glia, 2020, 68, 60-75.	4.9	49
56	MEK/MELK inhibition and bloodâ€“brain barrier deficiencies in atypical teratoid/rhabdoid tumors. Neuro-Oncology, 2020, 22, 58-69.	1.2	21
57	Neurosurgical treatment of subependymal giant cell astrocytomas in tuberous sclerosis complex: a series of 44 surgical procedures in 31 patients. Child's Nervous System, 2020, 36, 951-960.	1.1	14
58	Complement C5 Contributes to Brain Injury After Subarachnoid Hemorrhage. Translational Stroke Research, 2020, 11, 678-688.	4.2	24
59	The coding and non-coding transcriptional landscape of subependymal giant cell astrocytomas. Brain, 2020, 143, 131-149.	7.6	24
60	Loss of UGP2 in brain leads to a severe epileptic encephalopathy, emphasizing that bi-allelic isoform-specific start-loss mutations of essential genes can cause genetic diseases. Acta Neuropathologica, 2020, 139, 415-442.	7.7	38
61	Diffuse glioneuronal tumour with oligodendrogliomaâ€like features and nuclear clusters (DGONC) â€“ a molecularly defined glioneuronal CNS tumour class displaying recurrent monosomy 14. Neuropathology and Applied Neurobiology, 2020, 46, 422-430.	3.2	51
62	Chronic activation of antiâ€oxidant pathways and iron accumulation in epileptogenic malformations. Neuropathology and Applied Neurobiology, 2020, 46, 546-563.	3.2	21
63	SorCS2 facilitates release of endostatin from astrocytes and controls postâ€stroke angiogenesis. Glia, 2020, 68, 1304-1316.	4.9	27
64	Editorial: Epilepsy and Neurodevelopmental Diseases. Frontiers in Cellular Neuroscience, 2020, 14, 255.	3.7	0
65	Myelin Pathology Beyond White Matter in Tuberous Sclerosis Complex (TSC) Cortical Tubers. Journal of Neuropathology and Experimental Neurology, 2020, 79, 1054-1064.	1.7	21
66	Tuberous Sclerosis Complex as Disease Model for Investigating mTOR-Related Gliopathy During Epileptogenesis. Frontiers in Neurology, 2020, 11, 1028.	2.4	25
67	Reduced expression of the glucocorticoid receptor in the hippocampus of patients with drugâ€resistant temporal lobe epilepsy and comorbid depression. Epilepsia, 2020, 61, 1595-1605.	5.1	22
68	Astrocytes as Guardians of Neuronal Excitability: Mechanisms Underlying Epileptogenesis. Frontiers in Neurology, 2020, 11, 591690.	2.4	83
69	CXCL13/CXCR5 signalling is pivotal to preserve motor neurons in amyotrophic lateral sclerosis. EBioMedicine, 2020, 62, 103097.	6.1	16
70	Modulation of GABAergic dysfunction due to SCN1A mutation linked to Hippocampal Sclerosis. Annals of Clinical and Translational Neurology, 2020, 7, 1726-1731.	3.7	4
71	Identification of Specific Circular RNA Expression Patterns and MicroRNA Interaction Networks in Mesial Temporal Lobe Epilepsy. Frontiers in Genetics, 2020, 11, 564301.	2.3	11
72	Long-lasting blood-brain barrier dysfunction and neuroinflammation after traumatic brain injury. Neurobiology of Disease, 2020, 145, 105080.	4.4	92

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73	International consensus recommendations on the diagnostic work-up for malformations of cortical development. Nature Reviews Neurology, 2020, 16, 618-635.	10.1	53
74	Is autism driven by epilepsy in infants with Tuberous Sclerosis Complex?. Annals of Clinical and Translational Neurology, 2020, 7, 1371-1381.	3.7	23
75	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
76	Prediction of Neurodevelopment in Infants With Tuberous Sclerosis Complex Using Early EEG Characteristics. Frontiers in Neurology, 2020, 11, 582891.	2.4	19
77	Aggregates of RNA Binding Proteins and ER Chaperones Linked to Exosomes in Granulovacuolar Degeneration of the Alzheimerâ€™s Disease Brain. Journal of Alzheimer's Disease, 2020, 75, 139-156.	2.6	22
78	Dysregulation of the MMP/TIMP Proteolytic System in Subependymal Giant Cell Astrocytomas in Patients With Tuberous Sclerosis Complex: Modulation of MMP by MicroRNA-320d In Vitro. Journal of Neuropathology and Experimental Neurology, 2020, 79, 777-790.	1.7	12
79	TSC2 pathogenic variants are predictive of severe clinical manifestations in TSC infants: results of the EPISTOP study. Genetics in Medicine, 2020, 22, 1489-1497.	2.4	51
80	Increased expression of miR142 and miR155 in glial and immune cells after traumatic brain injury may contribute to neuroinflammation via astrocyte activation. Brain Pathology, 2020, 30, 897-912.	4.1	23
81	pCREB expression in human tissues from epilepsy surgery. Epilepsia, 2020, 61, 1240-1252.	5.1	1
82	Adenosine kinase inhibition promotes proliferation of neural stem cells after traumatic brain injury. Brain Communications, 2020, 2, fcaa017.	3.3	15
83	Calcineurin Controls Expression of EAAT1/GLAST in Mouse and Human Cultured Astrocytes through Dynamic Regulation of Protein Synthesis and Degradation. International Journal of Molecular Sciences, 2020, 21, 2213.	4.1	9
84	Neonatal bacterial meningitis versus ventriculitis: a cohort-based overview of clinical characteristics, microbiology and imaging. European Journal of Pediatrics, 2020, 179, 1969-1977.	2.7	7
85	Expression and Cellular Distribution of P-Glycoprotein and Breast Cancer Resistance Protein in Amyotrophic Lateral Sclerosis Patients. Journal of Neuropathology and Experimental Neurology, 2020, 79, 266-276.	1.7	17
86	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.	5.1	17
87	Brain tumour diagnostics using a DNA methylationâ€based classifier as a diagnostic support tool. Neuropathology and Applied Neurobiology, 2020, 46, 478-492.	3.2	59
88	Splicing Players Are Differently Expressed in Sporadic Amyotrophic Lateral Sclerosis Molecular Clusters and Brain Regions. Cells, 2020, 9, 159.	4.1	21
89	Phytocannabinoids in Neurological Diseases: Could They Restore a Physiological GABAergic Transmission?. International Journal of Molecular Sciences, 2020, 21, 723.	4.1	38
90	A nicotinamide phosphoribosyltransferaseâ€“GAPDH interaction sustains the stress-induced NMN/NAD+ salvage pathway in the nucleus. Journal of Biological Chemistry, 2020, 295, 3635-3651.	3.4	21

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91	Chronic Regulation of miR-124-3p in the Perilesional Cortex after Experimental and Human TBI. International Journal of Molecular Sciences, 2020, 21, 2418.	4.1	20
92	Natural killer cells modulate motor neuron-immune cell cross talk in models of Amyotrophic Lateral Sclerosis. Nature Communications, 2020, 11, 1773.	12.8	93
93	CpG and non-CpG Presenilin1 methylation pattern in course of neurodevelopment and neurodegeneration is associated with gene expression in human and murine brain. Epigenetics, 2020, 15, 781-799.	2.7	39
94	The adult human subventricular zone: partial ependymal coverage and proliferative capacity of cerebrospinal fluid. Brain Communications, 2020, 2, fcaa150.	3.3	10
95	Increased expression of myelin-associated genes in frontal cortex of overexpressing rats and Parkinson's disease patients. Aging, 2020, 12, 18889-18906.	3.1	1
96	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
97	Precise detection of low-level somatic mutation in resected epilepsy brain tissue. Acta Neuropathologica, 2019, 138, 901-912.	7.7	92
98	Integrative multi-omic analysis identifies new drivers and pathways in molecularly distinct subtypes of ALS. Scientific Reports, 2019, 9, 9968.	3.3	28
99	Group I mGluR-Mediated Activation of Martinotti Cells Inhibits Local Cortical Circuitry in Human Cortex. Frontiers in Cellular Neuroscience, 2019, 13, 315.	3.7	15
100	TLR3 preconditioning induces anti-inflammatory and anti-ictogenic effects in mice mediated by the IRF3/IFN-Î² axis. Brain, Behavior, and Immunity, 2019, 81, 598-607.	4.1	14
101	Building Bridges Between the Clinic and the Laboratory: A Meeting Review â€“ Brain Malformations: A Roadmap for Future Research. Frontiers in Cellular Neuroscience, 2019, 13, 434.	3.7	3
102	Postmortem Cortex Samples Identify Distinct Molecular Subtypes of ALS: Retrotransposon Activation, Oxidative Stress, and Activated Glia. Cell Reports, 2019, 29, 1164-1177.e5.	6.4	184
103	Phenotypes and malignancy risk of different FUS mutations in genetic amyotrophic lateral sclerosis. Annals of Clinical and Translational Neurology, 2019, 6, 2384-2394.	3.7	49
104	Response to: Diagnostic value of additional histopathological fascia examination in idiopathic inflammatory myopathies. European Journal of Neurology, 2019, 26, e95.	3.3	0
105	Idiopathic inflammatory myopathy. Neurology, 2019, 93, e889-e894.	1.1	17
106	Cognitive functioning after epilepsy surgery in children with mild malformation of cortical development and focal cortical dysplasia. Epilepsy and Behavior, 2019, 94, 209-215.	1.7	21
107	Diagnostic value of additional histopathological fascia examination in idiopathic inflammatory myopathies. European Journal of Neurology, 2019, 26, 1494-1496.	3.3	3
108	Rosette-forming glioneuronal tumors share a distinct DNA methylation profile and mutations in FGFR1, with recurrent co-mutation of PIK3CA and NF1. Acta Neuropathologica, 2019, 138, 497-504.	7.7	57

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109	Mutant FUS and ELAVL4 (HuD) Aberrant Crosstalk in Amyotrophic Lateral Sclerosis. Cell Reports, 2019, 27, 3818-3831.e5.	6.4	51
110	Early Clinical Predictors of Autism Spectrum Disorder in Infants with Tuberous Sclerosis Complex: Results from the EPISTOP Study. Journal of Clinical Medicine, 2019, 8, 788.	2.4	42
111	Targeting oxidative stress improves disease outcomes in a rat model of acquired epilepsy. Brain, 2019, 142, e39-e39.	7.6	137
112	Therapeutic effect of Anakinra in the relapsing chronic phase of febrile infectionâ€“related epilepsy syndrome. Epilepsia Open, 2019, 4, 344-350.	2.4	85
113	The Roof is Leaking and a Storm is Raging: Repairing the Bloodâ€“Brain Barrier in the Fight Against Epilepsy. Epilepsy Currents, 2019, 19, 177-181.	0.8	40
114	Genomic <scp>DNA</scp> methylation distinguishes subtypes of human focal cortical dysplasia. Epilepsia, 2019, 60, 1091-1103.	5.1	61
115	Quantitative Third Harmonic Generation Microscopy for Assessment of Glioma in Human Brain Tissue. Advanced Science, 2019, 6, 1900163.	11.2	24
116	New insights into a spectrum of developmental malformations related to <scp>mTOR</scp> dysregulations: challenges and perspectives. Journal of Anatomy, 2019, 235, 521-542.	1.5	63
117	SorCS2 Controls Functional Expression of Amino Acid Transporter EAAT3 and Protects Neurons from Oxidative Stress and Epilepsy-Induced Pathology. Cell Reports, 2019, 26, 2792-2804.e6.	6.4	39
118	HR23B pathology preferentially co-localizes with p62, pTDP-43 and poly-GA in C9ORF72-linked frontotemporal dementia and amyotrophic lateral sclerosis. Acta Neuropathologica Communications, 2019, 7, 39.	5.2	9
119	FUS pathology in ALS is linked to alterations in multiple ALS-associated proteins and rescued by drugs stimulating autophagy. Acta Neuropathologica, 2019, 138, 67-84.	7.7	94
120	Longâ€term seizure outcome after epilepsy surgery in patients with mild malformation of cortical development and focal cortical dysplasia. Epilepsia Open, 2019, 4, 170-175.	2.4	17
121	Curcumin reduces development of seizurelike events in the hippocampalâ€entorhinal cortex slice culture model for epileptogenesis. Epilepsia, 2019, 60, 605-614.	5.1	13
122	Changes in vascular density in resected tissue of 97 patients with mild malformation of cortical development, focal cortical dysplasia or TSCâ€related cortical tubers. International Journal of Developmental Neuroscience, 2019, 79, 96-104.	1.6	5
123	Rapidly progressive amyotrophic lateral sclerosis is associated with microglial reactivity and small heat shock protein expression in reactive astrocytes. Neuropathology and Applied Neurobiology, 2019, 45, 459-475.	3.2	23
124	GSK3Î² activity alleviates epileptogenesis and limits GluA1 phosphorylation. EBioMedicine, 2019, 39, 377-387.	6.1	17
125	Oxidative stress and inflammation in a spectrum of epileptogenic cortical malformations: molecular insights into their interdependence. Brain Pathology, 2019, 29, 351-365.	4.1	54
126	First Results of the EPISTOP Study. , 2019, 50, .		0

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127	Differential Fatty Acid-Binding Protein Expression in Persistent Radial Glia in the Human and Sheep Subventricular Zone. Developmental Neuroscience, 2018, 40, 145-161.	2.0	10
128	Sushi repeatâ€containing protein Xâ€linked 2: A novel phylogenetically conserved hypothalamoâ€pituitary protein. Journal of Comparative Neurology, 2018, 526, 1806-1819.	1.6	4
129	A novel action of lacosamide on GABA A currents sets the ground for a synergic interaction with levetiracetam in treatment of epilepsy. Neurobiology of Disease, 2018, 115, 59-68.	4.4	26
130	Neuropathology of epilepsy. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 145, 193-216.	1.8	57
131	mi<scp>R</scp>147b: <scp>A</scp> novel key regulator of interleukin 1 betaâ€mediated inflammation in human astrocytes. Glia, 2018, 66, 1082-1097.	4.9	28
132	mTOR dysregulation and tuberous sclerosis-related epilepsy. Expert Review of Neurotherapeutics, 2018, 18, 185-201.	2.8	68
133	Commonalities in epileptogenic processes from different acute brain insults: Do they translate?. Epilepsia, 2018, 59, 37-66.	5.1	206
134	Hippocampal Radial Glial Subtypes and Their Neurogenic Potential in Human Fetuses and Healthy and Alzheimerâ€™s Disease Adults. Cerebral Cortex, 2018, 28, 2458-2478.	2.9	128
135	DNA methylation-based classification of central nervous system tumours. Nature, 2018, 555, 469-474.	27.8	1,872
136	Architectural B-cell organization in skeletal muscle identifies subtypes of dermatomyositis. Neurology: Neuroimmunology and NeuroInflammation, 2018, 5, e451.	6.0	19
137	The physiological phosphorylation of tau is critically changed in fetal brains of individuals with Down syndrome. Neuropathology and Applied Neurobiology, 2018, 44, 314-327.	3.2	22
138	Review: Neuroinflammatory pathways as treatment targets and biomarker candidates in epilepsy: emerging evidence from preclinical and clinical studies. Neuropathology and Applied Neurobiology, 2018, 44, 91-111.	3.2	186
139	Multinodular and vacuolating neuronal tumors in epilepsy: dysplasia or neoplasia?. Brain Pathology, 2018, 28, 155-171.	4.1	54
140	PACAP and PAC1R are differentially expressed in motor cortex of amyotrophic lateral sclerosis patients and support survival of iPSCâ€derived motor neurons. Journal of Cellular Physiology, 2018, 233, 3343-3351.	4.1	25
141	Golgin A4 in CSF and granulovacuolar degenerations of patients with Alzheimer disease. Neurology, 2018, 91, e1799-e1808.	1.1	11
142	n-3 Docosapentaenoic acid-derived protectin D1 promotes resolution of neuroinflammation and arrests epileptogenesis. Brain, 2018, 141, 3130-3143.	7.6	55
143	A novel GABAergic dysfunction in human Dravet syndrome. Epilepsia, 2018, 59, 2106-2117.	5.1	46
144	TBIO-17. IMPLEMENTATION OF METHYLATION PROFILING FOR CNS TUMOR DIAGNOSIS IN THE PRINCESS MÃXIMA CENTER FOR PEDIATRIC ONCOLOGY, THE NETHERLANDS. Neuro-Oncology, 2018, 20, i183-i184.	1.2	0

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145	Histopathology of Listeria Meningitis. Journal of Neuropathology and Experimental Neurology, 2018, 77, 950-957.	1.7	19
146	Activation of the innate immune system is evident throughout epileptogenesis and is associated with bloodâ€brain barrier dysfunction and seizure progression. Epilepsia, 2018, 59, 1931-1944.	5.1	67
147	miR-124-3p is a chronic regulator of gene expression after brain injury. Cellular and Molecular Life Sciences, 2018, 75, 4557-4581.	5.4	40
148	Management of epilepsy associated with tuberous sclerosis complex: Updated clinical recommendations. European Journal of Paediatric Neurology, 2018, 22, 738-748.	1.6	151
149	Increased expression of matrix metalloproteinase 3 can be attenuated by inhibition of microRNA-155 in cultured human astrocytes. Journal of Neuroinflammation, 2018, 15, 211.	7.2	36
150	Effects of rapamycin and curcumin on inflammation and oxidative stress in vitro and in vivo â€" in search of potential anti-epileptogenic strategies for temporal lobe epilepsy. Journal of Neuroinflammation, 2018, 15, 212.	7.2	48
151	Role of miR-146a in neural stem cell differentiation and neural lineage determination: relevance for neurodevelopmental disorders. Molecular Autism, 2018, 9, 38.	4.9	70
152	Delayed cerebral thrombosis complicating pneumococcal meningitis: an autopsy study. Annals of Intensive Care, 2018, 8, 20.	4.6	21
153	Contribution of Altered Endocannabinoid System to Overactive mTORC1 Signaling in Focal Cortical Dysplasia. Frontiers in Pharmacology, 2018, 9, 1508.	3.5	8
154	MicroRNA519d and microRNA4758 can identify gangliogliomas from dysembryoplastic neuroepithelial tumours and astrocytomas. Oncotarget, 2018, 9, 28103-28115.	1.8	5
155	Modulation of GABAA Receptors in the Treatment of Epilepsy. Current Pharmaceutical Design, 2018, 23, 5563-5568.	1.9	27
156	Common data elements and data management: Remedy to cure underpowered preclinical studies. Epilepsy Research, 2017, 129, 87-90.	1.6	35
157	Seven tesla <scp>MRI</scp> improves detection of focal cortical dysplasia in patients with refractory focal epilepsy. Epilepsia Open, 2017, 2, 162-171.	2.4	47
158	Proteomic profiling of the spinal cord in ALS: decreased ATP5D levels suggest synaptic dysfunction in ALS pathogenesis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 210-220.	1.7	25
159	The ALS-linked E102Q mutation in Sigma receptor-1 leads to ER stress-mediated defects in protein homeostasis and dysregulation of RNA-binding proteins. Cell Death and Differentiation, 2017, 24, 1655-1671.	11.2	77
160	A combinatorial approach to identify calpain cleavage sites in the Machado-Joseph disease protein ataxin-3. Brain, 2017, 140, 1280-1299.	7.6	33
161	FCD Type II and mTOR pathway: Evidence for different mechanisms involved in the pathogenesis of dysmorphic neurons. Epilepsy Research, 2017, 129, 146-156.	1.6	21
162	Blockade of the IL-1R1/TLR4 pathway mediates disease-modification therapeutic effects in a model of acquired epilepsy. Neurobiology of Disease, 2017, 99, 12-23.	4.4	149

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163	Histopathological Findings in Brain Tissue Obtained during Epilepsy Surgery. New England Journal of Medicine, 2017, 377, 1648-1656.	27.0	621
164	Standardization procedure for plasma biomarker analysis in rat models of epileptogenesis: Focus on circulating microRNAs. Epilepsia, 2017, 58, 2013-2024.	5.1	45
165	Paraneoplastic Necrotizing Autoimmune Myopathy in a Patient Undergoing Laparoscopic Pancreatoduodenectomy for Distal Cholangiocarcinoma. Case Reports in Gastroenterology, 2017, 10, 525-530.	0.6	4
166	Systematic review and meta-analysis of differentially expressed miRNAs in experimental and human temporal lobe epilepsy. Scientific Reports, 2017, 7, 11592.	3.3	44
167	Coding and small non-coding transcriptional landscape of tuberous sclerosis complex cortical tubers: implications for pathophysiology and treatment. Scientific Reports, 2017, 7, 8089.	3.3	47
168	mTOR-related neuropathology in mutant tsc2 zebrafish: Phenotypic, transcriptomic and pharmacological analysis. Neurobiology of Disease, 2017, 108, 225-237.	4.4	29
169	Neuroinflammatory targets and treatments for epilepsy validated in experimental models. Epilepsia, 2017, 58, 27-38.	5.1	131
170	Prospective serial neuropsychological study in infants with Tuberous Sclerosis Complex (TSC): First analysis from the EPISTOP Project. European Journal of Paediatric Neurology, 2017, 21, e23.	1.6	2
171	Pontocerebellar hypoplasia with spinal muscular atrophy (PCH1): identification of SLC25A46 mutations in the original Dutch PCH1 family. Brain, 2017, 140, e46-e46.	7.6	23
172	Increased expression of (immuno)proteasome subunits during epileptogenesis is attenuated by inhibition of the mammalian target of rapamycin pathway. Epilepsia, 2017, 58, 1462-1472.	5.1	18
173	Impaired oligodendroglial turnover is associated with myelin pathology in focal cortical dysplasia and tuberous sclerosis complex. Brain Pathology, 2017, 27, 770-780.	4.1	51
174	Deregulated expression of EZH2 in congenital brainstem disconnection. Neuropathology and Applied Neurobiology, 2017, 43, 358-365.	3.2	7
175	GABAA receptor subunit deregulation in the hippocampus of human foetuses with Down syndrome. Brain Structure and Function, 2017, 223, 1501-1518.	2.3	8
176	Subependymal giant cell astrocytomas in Tuberous Sclerosis Complex have consistent TSC1/TSC2 biallelic inactivation, and no BRAF mutations. Oncotarget, 2017, 8, 95516-95529.	1.8	49
177	Characterization of Pathology. , 2017, , 139-160.		5
178	Histamine Regulates the Inflammatory Profile of SOD1-G93A Microglia and the Histaminergic System Is Dysregulated in Amyotrophic Lateral Sclerosis. Frontiers in Immunology, 2017, 8, 1689.	4.8	37
179	Amyotrophic Lateral Sclerosis, a Multisystem Pathology: Insights into the Role of TNFÎ±. Mediators of Inflammation, 2017, 2017, 1-16.	3.0	45
180	Trimethylation of H3K27 during human cerebellar development in relation to medulloblastoma. Oncotarget, 2017, 8, 78978-78988.	1.8	4

#	Article	IF	Citations
181	Meta-Analysis of MicroRNAs Dysregulated in the Hippocampal Dentate Gyrus of Animal Models of Epilepsy. ENeuro, 2017, 4, ENEURO.0152-17.2017.	1.9	23
182	Epigenetic control of epileptogenesis by miR-146a. Oncotarget, 2017, 8, 45040-45041.	1.8	13
183	Deceptive morphologic and epigenetic heterogeneity in diffuse intrinsic pontine glioma. Oncotarget, 2017, 8, 60447-60452.	1.8	20
184	Developmental Expression and Dysregulation of miR-146a and miR-155 in Down's Syndrome and Mouse Models of Down's Syndrome and Alzheimer's Disease. Current Alzheimer Research, 2017, 14, 1305-1317.	1.4	69
185	Patterns of Gene Expression During Epileptogenesis: Microarray Studies inÂRatsâˆ†. , 2017, , .		0
186	Olfactory Receptors in Non-Chemosensory Organs: The Nervous System in Health and Disease. Frontiers in Aging Neuroscience, 2016, 8, 163.	3.4	86
187	Effects of rapamycin and curcumin treatment on the development of epilepsy after electrically induced status epilepticus in rats. Epilepsia, 2016, 57, 688-697.	5.1	44
188	Prevalence of brain and spinal cord inclusions, including dipeptide repeat proteins, in patients with the <scp>C</scp>9<scp>ORF</scp>72 hexanucleotide repeat expansion: a systematic neuropathological review. Neuropathology and Applied Neurobiology, 2016, 42, 547-560.	3.2	34
189	Expression of microRNAs miR21, miR146a, and miR155 in tuberous sclerosis complex cortical tubers and their regulation in human astrocytes and SEGAâ€derived cell cultures. Glia, 2016, 64, 1066-1082.	4.9	51
190	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.	5.1	110
191	LINC00507 Is Specifically Expressed in the Primate Cortex and Has Age-Dependent Expression Patterns. Journal of Molecular Neuroscience, 2016, 59, 431-439.	2.3	14
192	Comparative interactomics analysis of different ALS-associated proteins identifies converging molecular pathways. Acta Neuropathologica, 2016, 132, 175-196.	7.7	113
193	Dysregulation of the (immuno)proteasome pathway in malformations of cortical development. Journal of Neuroinflammation, 2016, 13, 202.	7.2	21
194	7 tesla T2*-weighted MRI as a tool to improve detection of focal cortical dysplasia. Epileptic Disorders, 2016, 18, 315-323.	1.3	30
195	Bloodâ€“brain barrier leakage after status epilepticus in rapamycinâ€treated rats <scp>II</scp>: Potential mechanisms. Epilepsia, 2016, 57, 70-78.	5.1	38
196	Bloodâ€“brain barrier leakage after status epilepticus in rapamycinâ€treated rats I: Magnetic resonance imaging. Epilepsia, 2016, 57, 59-69.	5.1	53
197	Cannabis in epilepsy: From clinical practice to basic research focusing on the possible role of cannabidivarin. Epilepsia Open, 2016, 1, 145-151.	2.4	31
198	Pharmacological modulation in mesial temporal lobe epilepsy: Current status and future perspectives. Pharmacological Research, 2016, 113, 421-425.	7.1	20

#	Article	IF	Citations
199	Disruption of the astrocytic TNFR1-GDNF axis accelerates motor neuron degeneration and disease progression in amyotrophic lateral sclerosis. Human Molecular Genetics, 2016, 25, ddw161.	2.9	37
200	Functional aspects of early brain development are preserved in tuberous sclerosis complex (TSC) epileptogenic lesions. Neurobiology of Disease, 2016, 95, 93-101.	4.4	50
201	Low-grade epilepsy-associated neuroepithelial tumours â€" the 2016 WHO classification. Nature Reviews Neurology, 2016, 12, 732-740.	10.1	113
202	Advances in the development of biomarkers for epilepsy. Lancet Neurology, The, 2016, 15, 843-856.	10.2	283
203	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.	3.1	23
204	Interleukin-18 modulation in autism spectrum disorders. Journal of Neuroinflammation, 2016, 13, 2.	7.2	27
205	Complement activation at the motor end-plates in amyotrophic lateral sclerosis. Journal of Neuroinflammation, 2016, 13, 72.	7.2	56
206	Pneumococcal meningitis: Clinical-pathological correlations (meningene-path). Acta Neuropathologica Communications, 2016, 4, 26.	5.2	50
207	Promoter-Specific Hypomethylation Correlates with IL-1Î² Overexpression in Tuberous Sclerosis Complex (TSC). Journal of Molecular Neuroscience, 2016, 59, 464-470.	2.3	23
208	The Î±1, Î±2, Î±3, and Î³2 subunits of GABA_A receptors show characteristic spatial and temporal expression patterns in rhombencephalic structures during normal human brain development. Journal of Comparative Neurology, 2016, 524, 1805-1824.	1.6	20
209	Atherosclerosis in the circle of Willis: Spatial differences in composition and in distribution of plaques. Atherosclerosis, 2016, 251, 78-84.	0.8	33
210	Early onset epileptic encephalopathy or genetically determined encephalopathy with early onset epilepsy? Lessons learned from TSC. European Journal of Paediatric Neurology, 2016, 20, 203-211.	1.6	49
211	Atypical Teratoid/Rhabdoid Tumors Are Comprised of Three Epigenetic Subgroups with Distinct Enhancer Landscapes. Cancer Cell, 2016, 29, 379-393.	16.8	438
212	New Brain Tumor Entities Emerge from Molecular Classification of CNS-PNETs. Cell, 2016, 164, 1060-1072.	28.9	702
213	Immunity and Inflammation in Epilepsy. Cold Spring Harbor Perspectives in Medicine, 2016, 6, a022699.	6.2	162
214	Prognostic and Therapeutic Markers in Chordomas: A Study of 287 Tumors. Journal of Neuropathology and Experimental Neurology, 2016, 75, 111-120.	1.7	66
215	Novel Histopathological Patterns in Cortical Tubers of Epilepsy Surgery Patients with Tuberous Sclerosis Complex. PLoS ONE, 2016, 11, e0157396.	2.5	69
216	Michael Foundation Forum 2014, Bonn, Germany. Epilepsia, 2015, 56, 319-320.	5.1	0

#	Article	IF	Citations
217	PAK2 is an effector of TSC1/2 signaling independent of mTOR and a potential therapeutic target for Tuberous Sclerosis Complex. Scientific Reports, 2015, 5, 14534.	3.3	40
218	Gliomas and epilepsy: Insights from neuropathological studies in humans. SpringerPlus, 2015, 4, L9.	1.2	0
219	Differential expression and clinical significance of three inflammation-related microRNAs in gangliogliomas. Journal of Neuroinflammation, 2015, 12, 97.	7.2	31
220	Multiphasic presentation of Rasmussen's encephalitis. Epileptic Disorders, 2015, 17, 315-320.	1.3	8
221	Comorbidities in Neurology: Is adenosine the common link?. Neuropharmacology, 2015, 97, 18-34.	4.1	80
222	Nuclear actin aggregation is a hallmark of anti-synthetase syndromeâ€“induced dysimmune myopathy. Neurology, 2015, 84, 1346-1354.	1.1	90
223	Tuberous sclerosis complex neuropathology requires glutamate-cysteine ligase. Acta Neuropathologica Communications, 2015, 3, 48.	5.2	14
224	Molecular classification of amyotrophic lateral sclerosis by unsupervised clustering of gene expression in motor cortex. Neurobiology of Disease, 2015, 74, 359-376.	4.4	79
225	Altered vesicular glutamate transporter expression in human temporal lobe epilepsy with hippocampal sclerosis. Neuroscience Letters, 2015, 590, 184-188.	2.1	26
226	Aicardiâ€“GoutiÃ¨res syndrome harbours abundant systemic and brain-reactive autoantibodies. Annals of the Rheumatic Diseases, 2015, 74, 1931-1939.	0.9	35
227	Bloodâ€“brain barrier dysfunction, seizures and epilepsy. Seminars in Cell and Developmental Biology, 2015, 38, 26-34.	5.0	166
228	Respiratory failure as presenting symptom of necrotizing autoimmune myopathy with anti-melanoma differentiation-associated gene 5 antibodies. Neuromuscular Disorders, 2015, 25, 457-460.	0.6	7
229	Human Extraintestinal Sarcocystosis: What We Know, and What We donâ€™t Know. Current Infectious Disease Reports, 2015, 17, 495.	3.0	15
230	GABAA currents are decreased by IL-1Î² in epileptogenic tissue of patients with temporal lobe epilepsy: implications for ictogenesis. Neurobiology of Disease, 2015, 82, 311-320.	4.4	129
231	Landscape of chromosomal copy number aberrations in gangliogliomas and dysembryoplastic neuroepithelial tumours. Neuropathology and Applied Neurobiology, 2015, 41, 743-755.	3.2	37
232	Long intervening non-coding RNA 00320 is human brain-specific and highly expressed in the cortical white matter. Neurogenetics, 2015, 16, 201-213.	1.4	18
233	Status epilepticus, bloodâ€“brain barrier disruption, inflammation, and epileptogenesis. Epilepsy and Behavior, 2015, 49, 13-16.	1.7	150
234	CD133⁺ and Nestin⁺ Glioma Stem-Like Cells Reside Around CD31⁺ Arterioles in Niches that Express SDF-1Î±, CXCR4, Osteopontin and Cathepsin K. Journal of Histochemistry and Cytochemistry, 2015, 63, 481-493.	2.5	73

#	Article	IF	Citations
235	Glycine transporter 1 is a target for the treatment of epilepsy. Neuropharmacology, 2015, 99, 554-565.	4.1	36
236	Expression of neurodegenerative diseaseâ€related proteins and caspaseâ€3 in glioneuronal tumours. Neuropathology and Applied Neurobiology, 2015, 41, e1-e15.	3.2	27
237	The inflammatory molecules IL-1ÃŽÂ² and HMGB1 can rapidly enhance focal seizure generation in a brain slice model of temporal lobe epilepsy. Frontiers in Cellular Neuroscience, 2014, 8, 155.	3.7	49
238	Severe Neonatal Epileptic Encephalopathy and KCNQ2 Mutation: Neuropathological Substrate?. Frontiers in Pediatrics, 2014, 2, 136.	1.9	22
239	Neural ECM in laminar organization and connectivity development in healthy and diseased human brain. Progress in Brain Research, 2014, 214, 159-178.	1.4	30
240	Spatial and temporal evolution of distal 10q deletion, a prognostically unfavorable event in diffuse low-grade gliomas. Genome Biology, 2014, 15, 471.	8.8	29
241	Ectopic Brain Tissue in the Orbit: 5-Year Follow-up. Orbit, 2014, 33, 78-80.	0.8	7
242	T-Cellâ€“Mediated Inflammatory Activity in the Stellate Ganglia of Patients With Ion-Channel Disease and Severe Ventricular Arrhythmias. Circulation: Arrhythmia and Electrophysiology, 2014, 7, 224-229.	4.8	43
243	The lymphoid follicle variant of dermatomyositis. Neurology: Neuroimmunology and NeuroInflammation, 2014, 1, e19.	6.0	14
244	Phosphoinositide 3-Kinases Upregulate System x‹sub›c‹/sub›‹sup›â^'‹/sup› ‹i›via‹/i› Eukaryotic Initiation Factor 2Î± and Activating Transcription Factor 4â€‰â€“â€‰A Pathway Active in Glioblastomas and Epilepsy. Antioxidants and Redox Signaling, 2014, 20, 2907-2922.	5.4	58
245	Correlation Between Clinical and Histologic Findings in the Human Neonatal Hippocampus After Perinatal Asphyxia. Journal of Neuropathology and Experimental Neurology, 2014, 73, 324-334.	1.7	33
246	mTOR Hyperactivation in Down Syndrome Hippocampus Appears Early During Development. Journal of Neuropathology and Experimental Neurology, 2014, 73, 671-683.	1.7	66
247	Proliferation in the Alzheimer Hippocampus Is due to Microglia, Not Astroglia, and Occurs at Sites of Amyloid Deposition. Neural Plasticity, 2014, 2014, 1-12.	2.2	66
248	Assessment of human hippocampal developmental neuroanatomy by means of exâ€vivo 7 T magnetic resonance imaging. International Journal of Developmental Neuroscience, 2014, 34, 33-41.	1.6	7
249	Response to the Letter to the Editor by Mamdouha Ahdab-Barmada and Jon F. Watchko. Pediatric Neurology, 2014, 50, e17-e18.	2.1	0
250	Pre-treatment with the NMDA receptor glycine-binding site antagonist L-701,324 improves pharmacosensitivity in a mouse kindling model. Epilepsy Research, 2014, 108, 634-643.	1.6	10
251	Linking pathways in the developing and aging brain with neurodegeneration. Neuroscience, 2014, 269, 152-172.	2.3	56
252	EXOSC3 mutations in pontocerebellar hypoplasia type 1: novel mutations and genotype-phenotype correlations. Orphanet Journal of Rare Diseases, 2014, 9, 23.	2.7	75

#	Article	IF	Citations
253	Epilepsy Related to Developmental Tumors and Malformations of Cortical Development. Neurotherapeutics, 2014, 11, 251-268.	4.4	83
254	<scp>BRAF V600E</scp> Mutation Is Associated with <scp>mTOR</scp> Signaling Activation in Glioneuronal Tumors. Brain Pathology, 2014, 24, 52-66.	4.1	129
255	Differential patterns of NOTCH1-4 receptor expression are markers of glioma cell differentiation. Neuro-Oncology, 2014, 16, 204-216.	1.2	35
256	Immune Responses to Intramuscular Administration of Alipogene Tiparvovec (AAV1-LPL^{S447X}) in a Phase II Clinical Trial of Lipoprotein Lipase Deficiency Gene Therapy. Human Gene Therapy, 2014, 25, 180-188.	2.7	118
257	Fetal Brain mTOR Signaling Activation in Tuberous Sclerosis Complex. Cerebral Cortex, 2014, 24, 315-327.	2.9	92
258	Embryonal tumor with abundant neuropil and true rosettes (ETANTR), ependymoblastoma, and medulloepithelioma share molecular similarity and comprise a single clinicopathological entity. Acta Neuropathologica, 2014, 128, 279-289.	7.7	191
259	Aberrant expression of miRâ€218 and miRâ€204 in human mesial temporal lobe epilepsy and hippocampal sclerosisâ€"Convergence on axonal guidance. Epilepsia, 2014, 55, 2017-2027.	5.1	71
260	Pre-B-cell leukemia homeobox interacting protein 1 is overexpressed in astrocytoma and promotes tumor cell growth and migration. Neuro-Oncology, 2014, 16, 946-959.	1.2	31
261	Histone acetylation in astrocytes suppresses GFAP and stimulates a re-organization of the intermediate filament network. Journal of Cell Science, 2014, 127, 4368-80.	2.0	51
262	Acute Muscular Sarcocystosis: An International Investigation Among Ill Travelers Returning From Tioman Island, Malaysia, 2011-2012. Clinical Infectious Diseases, 2014, 59, 1401-1410.	5.8	55
263	Isolation of Neural Progenitor Cells From the Human Adult Subventricular Zone Based on Expression of the Cell Surface Marker CD271. Stem Cells Translational Medicine, 2014, 3, 470-480.	3.3	38
264	Role of bloodâ€"brain barrier in temporal lobe epilepsy and pharmacoresistance. Neuroscience, 2014, 277, 455-473.	2.3	80
265	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.	7.7	139
266	Endothelin-1 is over-expressed in amyotrophic lateral sclerosis and induces motor neuron cell death. Neurobiology of Disease, 2014, 65, 160-171.	4.4	25
267	Development and Developmental Disorders of the Cerebral Cortex. , 2014, , 523-642.		5
268	Hippocampal subregion-specific microRNA expression during epileptogenesis in experimental temporal lobe epilepsy. Neurobiology of Disease, 2014, 62, 508-520.	4.4	163
269	Cell injury and Premature Neurodegeneration in Focal Malformations of Cortical Development. Brain Pathology, 2014, 24, 1-17.	4.1	42
270	Metabotropic Glutamate Receptor 5 in Down's Syndrome Hippocampus During Development: Increased Expression in Astrocytes. Current Alzheimer Research, 2014, 11, 694-705.	1.4	24

#	Article	IF	Citations
271	Histone acetylation in astrocytes suppresses GFAP and stimulates a reorganization of the intermediate filament network. Development (Cambridge), 2014, 141, e2105-e2105.	2.5	2
272	Differential expression of major histocompatibility complex class I in developmental glioneuronal lesions. Journal of Neuroinflammation, 2013, 10, 12.	7.2	45
273	Amyloid beta deregulates astroglial mGluR5â€mediated calcium signaling via calcineurin and Nfâ€kB. Glia, 2013, 61, 1134-1145.	4.9	127
274	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
275	Epilepsy and brain inflammation. Experimental Neurology, 2013, 244, 11-21.	4.1	466
276	Congenital myopathy with focal loss of cross-striations revisited. Neuromuscular Disorders, 2013, 23, 160-164.	0.6	1
277	Receptor for Advanced Glycation Endproducts is upregulated in temporal lobe epilepsy and contributes to experimental seizures. Neurobiology of Disease, 2013, 58, 102-114.	4.4	139
278	Developmental patterns of DR6 in normal human hippocampus and in Down syndrome. Journal of Neurodevelopmental Disorders, 2013, 5, 10.	3.1	9
279	New Autopsy Findings in Different Brain Regions of a Preterm Neonate With Kernicterus: Neurovascular Alterations and Up-regulation of Efflux Transporters. Pediatric Neurology, 2013, 49, 431-438.	2.1	20
280	Mouse Models to Study the Effect of Cardiovascular Risk Factors on Brain Structure and Cognition. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1666-1684.	4.3	78
281	Fractalkine/<scp>CX</scp>3<scp>CL</scp>1 modulates <scp>GABA</scp>_A currents in human temporal lobe epilepsy. Epilepsia, 2013, 54, 1834-1844.	5.1	80
282	Glucocorticoid receptor protein expression in human hippocampus; stability with age. Neurobiology of Aging, 2013, 34, 1662-1673.	3.1	116
283	Blood plasma inflammation markers during epileptogenesis in postâ€“status epilepticus rat model for temporal lobe epilepsy. Epilepsia, 2013, 54, 589-595.	5.1	44
284	The dual role of TNF-Î± and its receptors in seizures. Experimental Neurology, 2013, 247, 267-271.	4.1	67
285	Glial adenosine kinase â€“ A neuropathological marker of the epileptic brain. Neurochemistry International, 2013, 63, 688-695.	3.8	60
286	Local MEG networks: The missing link between protein expression and epilepsy in glioma patients?. NeuroImage, 2013, 75, 195-203.	4.2	31
287	Nonâ€neuronal cell responses differ between normal and Down syndrome developing brains. International Journal of Developmental Neuroscience, 2013, 31, 796-803.	1.6	30
288	Retinoic Acid Induces Bloodâ€“Brain Barrier Development. Journal of Neuroscience, 2013, 33, 1660-1671.	3.6	171

#	Article	IF	Citations
289	Fetal Brain Lesions in Tuberous Sclerosis Complex: <scp>TORC1</scp> Activation and Inflammation. Brain Pathology, 2013, 23, 45-59.	4.1	123
290	Chronic exposure of astrocytes to interferon-Î± reveals molecular changes related to Aicardiâ€“GoutiÃ¨res syndrome. Brain, 2013, 136, 245-258.	7.6	44
291	Recessive MYL2 mutations cause infantile type I muscle fibre disease and cardiomyopathy. Brain, 2013, 136, 282-293.	7.6	48
292	ALS-associated mutations in FUS disrupt the axonal distribution and function of SMN. Human Molecular Genetics, 2013, 22, 3690-3704.	2.9	130
293	EZH2-Regulated DAB2IP Is a Medulloblastoma Tumor Suppressor and a Positive Marker for Survival. Clinical Cancer Research, 2012, 18, 4048-4058.	7.0	76
294	Epilepsy in patients with a brain tumour: focal epilepsy requires focused treatment. Brain, 2012, 135, 1002-1016.	7.6	148
295	The BH4 domain of Bcl-XL rescues astrocyte degeneration in amyotrophic lateral sclerosis by modulating intracellular calcium signals. Human Molecular Genetics, 2012, 21, 826-840.	2.9	82
296	MicroRNA-146a: A Key Regulator of Astrocyte-Mediated Inflammatory Response. PLoS ONE, 2012, 7, e44789.	2.5	282
297	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
298	Detection of human papillomavirus in human focal cortical dysplasia type IIB. Annals of Neurology, 2012, 72, 881-892.	5.3	73
299	LIN28A immunoreactivity is a potent diagnostic marker of embryonal tumor with multilayered rosettes (ETMR). Acta Neuropathologica, 2012, 124, 875-881.	7.7	115
300	Cerebellar Axon/Myelin Loss, Angiogenic Sprouting, and Neuronal Increase of Vascular Endothelial Growth Factor in a Preterm Infant with Kernicterus. Journal of Child Neurology, 2012, 27, 615-624.	1.4	35
301	Regulation of Kir4.1 expression in astrocytes and astrocytic tumors: a role for interleukin-1 Î². Journal of Neuroinflammation, 2012, 9, 280.	7.2	53
302	Review: Immuneâ€mediated necrotizing myopathies â€“ a heterogeneous group of diseases with specific myopathological features. Neuropathology and Applied Neurobiology, 2012, 38, 632-646.	3.2	90
303	Hippocampal sclerosis. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2012, 108, 621-639.	1.8	8
304	GFAP-Cre-Mediated Transgenic Activation of Bmi1 Results in Pituitary Tumors. PLoS ONE, 2012, 7, e35943.	2.5	16
305	Astrocyte immune responses in epilepsy. Glia, 2012, 60, 1258-1268.	4.9	168
306	Cytoarchitectural alterations are widespread in cerebral cortex in tuberous sclerosis complex. Acta Neuropathologica, 2012, 123, 685-693.	7.7	74

#	Article	IF	Citations
307	Cerebral expression of drug transporters in epilepsy. Advanced Drug Delivery Reviews, 2012, 64, 919-929.	13.7	83
308	Overexpression of ADK in human astrocytic tumors and peritumoral tissue is related to tumorâ€associated epilepsy. Epilepsia, 2012, 53, 58-66.	5.1	71
309	Inhibition of mammalian target of rapamycin reduces epileptogenesis and bloodâ€“brain barrier leakage but not microglia activation. Epilepsia, 2012, 53, 1254-1263.	5.1	146
310	Malformations of Cortical Development. Brain Pathology, 2012, 22, 380-401.	4.1	96
311	Longâ€Term Epilepsyâ€Associated Tumors. Brain Pathology, 2012, 22, 350-379.	4.1	176
312	Localization of mGluR5, GABA_B, GABA_A, and cannabinoid receptors on the vagoâ€vagal reflex pathway responsible for transient lower esophageal sphincter relaxation in humans: an immunohistochemical study. Neurogastroenterology and Motility, 2012, 24, 383.	3.0	25
313	Gliaâ€“Neuron Interactions in Ictogenesis and Epileptogenesis. , 2012, , 618-634.		23
314	GABA-A Channel Subunit Expression in Human Glioma Correlates with Tumor Histology and Clinical Outcome. PLoS ONE, 2012, 7, e37041.	2.5	43
315	Congenital vascular malformations Â– cerebral lesions differ from extracranial lesions by their immune expression of the glucose transporter protein GLUT1. , 2012, 31, 135-141.		10
316	Gangliogliomas: Molecular Pathogenesis and Epileptogenesis. , 2012, , 253-265.		0
317	Familial cortical myoclonic tremor with epilepsy and cerebellar changes: description of a new pathology case and review of the literature. Tremor and Other Hyperkinetic Movements, 2012, 2, .	2.0	8
318	Enhanced Epidermal Growth Factor, Hepatocyte Growth Factor, and Vascular Endothelial Growth Factor Expression in Tuberous Sclerosis Complex. American Journal of Pathology, 2011, 178, 296-305.	3.8	34
319	Looking ultra deep: Short identical sequences and transcriptional slippage. Genomics, 2011, 98, 90-95.	2.9	9
320	Toll-like receptor signaling in amyotrophic lateral sclerosis spinal cord tissue. Neuroscience, 2011, 179, 233-243.	2.3	169
321	Complement protein 6 deficiency in PVG/c rats does not lead to neuroprotection against seizure induced cell death. Neuroscience, 2011, 188, 109-116.	2.3	6
322	Early defect of transforming growth factor Î²1 formation in Huntingtonâ€™s disease. Journal of Cellular and Molecular Medicine, 2011, 15, 555-571.	3.6	64
323	Atorvastatin treatment during epileptogenesis in a rat model for temporal lobe epilepsy. Epilepsia, 2011, 52, 1319-1330.	5.1	32
324	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

#	Article	IF	Citations
325	Inflammation in epilepsy: Clinical observations. Epilepsia, 2011, 52, 26-32.	5.1	241
326	Anomalous levels of Clâ^' transporters cause a decrease of GABAergic inhibition in human peritumoral epileptic cortex. Epilepsia, 2011, 52, 1635-1644.	5.1	98
327	Upregulation of adenosine kinase in astrocytes in experimental and human temporal lobe epilepsy. Epilepsia, 2011, 52, 1645-1655.	5.1	123
328	Ontogenetic modifications of neuronal excitability during brain maturation: Developmental changes of neurotransmitter receptors. Epilepsia, 2011, 52, 3-5.	5.1	56
329	SGCE isoform characterization and expression in human brain: implications for myoclonusâ€“dystonia pathogenesis?. European Journal of Human Genetics, 2011, 19, 438-444.	2.8	63
330	Innate and adaptive immunity in amyotrophic lateral sclerosis: Evidence of complement activation. Neurobiology of Disease, 2011, 42, 211-220.	4.4	113
331	Cholinergic imbalance in the multiple sclerosis hippocampus. Acta Neuropathologica, 2011, 122, 313-322.	7.7	63
332	Neuroinflammation in Delirium: A Postmortem Case-Control Study. Rejuvenation Research, 2011, 14, 615-622.	1.8	121
333	Synaptic vesicle protein 2A predicts response to levetiracetam in patients with glioma. Neurology, 2011, 77, 532-539.	1.1	59
334	Activation of toll-like receptor, RAGE and HMGB1 signalling in malformations of cortical development. Brain, 2011, 134, 1015-1032.	7.6	180
335	A ketogenic diet suppresses seizures in mice through adenosine A1 receptors. Journal of Clinical Investigation, 2011, 121, 2679-2683.	8.2	245
336	Concomitant CNS pathology in a patient with amyotropic lateral sclerosis following poliomyelitis in childhood. , 2011, 30, 111-117.		6
337	Gene Expression Analysis of Tuberous Sclerosis Complex Cortical Tubers Reveals Increased Expression of Adhesion and Inflammatory Factors. Brain Pathology, 2010, 20, 704-719.	4.1	132
338	Early Progenitor Cell Marker Expression Distinguishes Type II From Type I Focal Cortical Dysplasias. Journal of Neuropathology and Experimental Neurology, 2010, 69, 850-863.	1.7	72
339	The application of cortical layer markers in the evaluation of cortical dysplasias in epilepsy. Acta Neuropathologica, 2010, 120, 517-528.	7.7	47
340	Differential distribution of group I metabotropic glutamate receptors in developing human cortex. Brain Research, 2010, 1324, 24-33.	2.2	26
341	Cox-2 inhibition can lead to adverse effects in a rat model for temporal lobe epilepsy. Epilepsy Research, 2010, 91, 49-56.	1.6	74
342	Expression patterns of AMOG in developing human cortex and malformations of cortical development. Epilepsy Research, 2010, 91, 84-93.	1.6	14

#	Article	IF	Citations
343	Immunohistochemical characterization of the out-of frame splice variants GFAP Î”164/Î”exon 6 in focal lesions associated with chronic epilepsy. Epilepsy Research, 2010, 90, 99-109.	1.6	14
344	Evaluation of the innate and adaptive immunity in type I and type II focal cortical dysplasias. Epilepsia, 2010, 51, 1763-1773.	5.1	147
345	Induction of sodium channel Na_x (SCN7A) expression in rat and human hippocampus in temporal lobe epilepsy. Epilepsia, 2010, 51, 1791-1800.	5.1	28
346	Glia-neuron interactions in epilepsy: Inflammatory mediators. Epilepsia, 2010, 51, 55-55.	5.1	4
347	Toll-like receptor 4 and high-mobility group box-1 are involved in ictogenesis and can be targeted to reduce seizures. Nature Medicine, 2010, 16, 413-419.	30.7	777
348	Pi3Kâ€mTOR Signaling and AMOG Expression in Epilepsyâ€associated Glioneuronal Tumors. Brain Pathology, 2010, 20, 234-244.	4.1	60
349	Expression pattern of miRâ€146a, an inflammationâ€associated microRNA, in experimental and human temporal lobe epilepsy. European Journal of Neuroscience, 2010, 31, 1100-1107.	2.6	286
350	GFAPÎ´ in radial glia and subventricular zone progenitors in the developing human cortex. Development (Cambridge), 2010, 137, 313-321.	2.5	72
351	Expression of synaptic vesicle protein 2A in epilepsy-associated brain tumors and in the peritumoral cortex. Neuro-Oncology, 2010, 12, 265-273.	1.2	36
352	Biallelic TSC gene inactivation in tuberous sclerosis complex. Neurology, 2010, 74, 1716-1723.	1.1	134
353	PLEC1 Mutations Underlie Adult-Onset Dilated Cardiomyopathy in Epidermolysis Bullosa Simplex with Muscular Dystrophy. Journal of Investigative Dermatology, 2010, 130, 1178-1181.	0.7	46
354	COX-2 inhibition controls P-glycoprotein expression and promotes brain delivery of phenytoin in chronic epileptic rats. Neuropharmacology, 2010, 58, 404-412.	4.1	124
355	Decreased numbers of progenitor cells but no response to antidepressant drugs in the hippocampus of elderly depressed patients. Neuropharmacology, 2010, 58, 940-949.	4.1	187
356	Tissue plasminogen activator and urokinase plasminogen activator in human epileptogenic pathologies. Neuroscience, 2010, 167, 929-945.	2.3	61
357	CB1 and CB2 cannabinoid receptor expression during development and in epileptogenic developmental pathologies. Neuroscience, 2010, 170, 28-41.	2.3	69
358	Brain Inflammation and Epilepsy. , 2010, , 45-59.		5
359	Pathophysiology of Antiepileptic Drug Refractoriness. , 2010, , 365-372.		0
360	Specific Human Astrocyte Subtype Revealed by Affinity Purified GFAP+1 Antibody; Unpurified Serum Cross-Reacts with Neurofilament-L in Alzheimer. PLoS ONE, 2009, 4, e7663.	2.5	23

#	Article	IF	Citations
361	Fatal Human Rabies due to Duvenhage Virus from a Bat in Kenya: Failure of Treatment with Coma-Induction, Ketamine, and Antiviral Drugs. PLoS Neglected Tropical Diseases, 2009, 3, e428.	3.0	92
362	Malformations of cortical development and epilepsies: neuropathological findings with emphasis on focal cortical dysplasia. Epileptic Disorders, 2009, 11, 181-193.	1.3	120
363	Blockage of A _{2A} and A ₃ adenosine receptors decreases the desensitization of human GABA _A receptors microtransplanted to Xenopus oocytes. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15927-15931.	7.1	26
364	Expression and localization of voltage dependent potassium channel Kv4.2 in epilepsy associated focal lesions. Neurobiology of Disease, 2009, 36, 81-95.	4.4	32
365	Deletion of 15q11.2â€“15q13.1 in isolated human hemimegalencephaly. Acta Neuropathologica, 2009, 118, 821-823.	7.7	4
366	Expression patterns of glial fibrillary acidic protein (GFAP)â€delta in epilepsyâ€associated lesional pathologies. Neuropathology and Applied Neurobiology, 2009, 35, 394-405.	3.2	57
367	Decreased expression of synaptic vesicle protein 2A, the binding site for levetiracetam, during epileptogenesis and chronic epilepsy. Epilepsia, 2009, 50, 422-433.	5.1	111
368	Expression patterns of synaptic vesicle protein 2A in focal cortical dysplasia and TSCâ€cortical tubers. Epilepsia, 2009, 50, 1409-1418.	5.1	51
369	Doublecortinâ€like (DCL) expression in focal cortical dysplasia and cortical tubers. Epilepsia, 2009, 50, 2629-2637.	5.1	20
370	Doublecortin expression in focal cortical dysplasia in epilepsy. Epilepsia, 2009, 50, 2619-2628.	5.1	30
371	Basic mechanisms of status epilepticus due to infection and inflammation. Epilepsia, 2009, 50, 56-57.	5.1	47
372	DLG3/SAP102 protein expression in malformations of cortical development: A study of human epileptic cortex by tissue microarray. Epilepsy Research, 2009, 84, 33-41.	1.6	16
373	Effects of SC58236, a selective COX-2 inhibitor, on epileptogenesis and spontaneous seizures in a rat model for temporal lobe epilepsy. Epilepsy Research, 2009, 84, 56-66.	1.6	99
374	INFLAMMATION | Inflammatory Responses and Cytokines. , 2009, , 588-592.		0
375	Expression patterns of glial fibrillary acidic protein (GFAP)-delta in epilepsy-associated lesional pathologies. Neuropathology and Applied Neurobiology, 2009, 35, 394-405.	3.2	30
376	Attenuated AMPA Receptor Expression Allows Glioblastoma Cell Survival in Glutamate-Rich Environment. PLoS ONE, 2009, 4, e5953.	2.5	39
377	EPILEPTOGENESIS | Patterns of Gene Expression in Epileptogenesis: Micro-Array Studies in Rats. , 2009, , 240-250.		0
378	Metabotropic Glutamate Receptors in Glial Cells. Neurochemical Research, 2008, 33, 2436-2443.	3.3	110

#	Article	IF	Citations
379	The Wnt Antagonist, Dickkopf-1, as a Target for the Treatment of Neurodegenerative Disorders. Neurochemical Research, 2008, 33, 2401-2406.	3.3	55
380	Cellular distribution of vascular endothelial growth factor A (VEGFA) and B (VEGFB) and VEGF receptors 1 and 2 in focal cortical dysplasia type IIB. Acta Neuropathologica, 2008, 115, 683-696.	7.7	49
381	Astrocytes produce interferonâ€alpha and CXCL10, but not ILâ€6 or CXCL8, in aicardiâ€GoutiÃ¨res syndrome. Glia, 2008, 56, 568-578.	4.9	99
382	Inflammatory processes in cortical tubers and subependymal giant cell tumors of tuberous sclerosis complex. Epilepsy Research, 2008, 78, 7-21.	1.6	189
383	tRNA splicing endonuclease mutations cause pontocerebellar hypoplasia. Nature Genetics, 2008, 40, 1113-1118.	21.4	217
384	Glia as a source of cytokines: Implications for neuronal excitability and survival. Epilepsia, 2008, 49, 24-32.	5.1	188
385	Clinicopathological and immunohistochemical findings in an autopsy case of tuberous sclerosis complex. Neuropathology, 2008, 28, 577-590.	1.2	96
386	A case of neonatal dural sinus malformation: Clinical symptoms, imaging and neuropathological investigations. European Journal of Paediatric Neurology, 2008, 12, 41-45.	1.6	16
387	Innate and adaptive immunity during epileptogenesis and spontaneous seizures: Evidence from experimental models and human temporal lobe epilepsy. Neurobiology of Disease, 2008, 29, 142-160.	4.4	618
388	Switch in the expression of mGlu1 and mGlu5 metabotropic glutamate receptors in the cerebellum of mice developing experimental autoimmune encephalomyelitis and in autoptic cerebellar samples from patients with multiple sclerosis. Neuropharmacology, 2008, 55, 491-499.	4.1	40
389	Gene expression profile analysis of epilepsy-associated gangliogliomas. Neuroscience, 2008, 151, 272-292.	2.3	76
390	Cellular localization of metabotropic glutamate receptors in cortical tubers and subependymal giant cell tumors of tuberous sclerosis complex. Neuroscience, 2008, 156, 203-215.	2.3	52
391	Rhabdomyolysis in pontocerebellar hypoplasia type 2 (PCH-2). Neuromuscular Disorders, 2008, 18, 52-58.	0.6	11
392	TPM2 mutation. Neuromuscular Disorders, 2008, 18, 1005.	0.6	26
393	Intramuscular Administration of AAV1-Lipoprotein Lipase ^{S447X} Lowers Triglycerides in Lipoprotein Lipaseâ€"Deficient Patients. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 2303-2304.	2.4	201
394	EXTENSION OF THE CLINICAL SPECTRUM OF DANON DISEASE. Neurology, 2008, 70, 1358-1359.	1.1	27
395	Paraplegin mutations in sporadic adult-onset upper motor neuron syndromes. Neurology, 2008, 71, 1500-1505.	1.1	81
396	Developmental lineage of cell types in cortical dysplasia with balloon cells. Brain, 2007, 130, 2267-2276.	7.6	93

#	Article	IF	Citations
397	Electrocorticography discharge patterns in patients with a cavernous hemangioma and pharmacoresistent epilepsy. Journal of Neurosurgery, 2007, 107, 495-503.	1.6	37
398	Blood-brain barrier leakage may lead to progression of temporal lobe epilepsy. Brain, 2007, 130, 521-534.	7.6	674
399	GABA _A -current rundown of temporal lobe epilepsy is associated with repetitive activation of GABA _A â€œphasicâ€•receptors. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20944-20948.	7.1	60
400	Differential expression patterns of chloride transporters, Na+-K+-2Clâ^'-cotransporter and K+-Clâ^'-cotransporter, in epilepsy-associated malformations of cortical development. Neuroscience, 2007, 145, 185-196.	2.3	156
401	Cerebral necrosis after 25Gy radiotherapy in childhood followed 28 years later by 54Gy radiotherapy. Clinical Neurology and Neurosurgery, 2007, 109, 607-612.	1.4	8
402	Differential Cellular Gene Expression in Ganglioglioma. Epilepsia, 2007, 48, 646-653.	5.1	74
403	Region-Specific Overexpression of P-glycoprotein at the Blood-Brain Barrier Affects Brain Uptake of Phenytoin in Epileptic Rats. Journal of Pharmacology and Experimental Therapeutics, 2007, 322, 141-147.	2.5	105
404	Gene Expression Profile in Temporal Lobe Epilepsy. Neuroscientist, 2007, 13, 100-108.	3.5	89
405	Decreased cortical inhibition and yet cerebellar pathology in â€˜familial cortical myoclonic tremor with epilepsyâ€™. Movement Disorders, 2007, 22, 2378-2385.	3.9	59
406	Inhibitory networks in epilepsy-associated gangliogliomas and in the perilesional epileptic cortex. Epilepsy Research, 2007, 74, 33-44.	1.6	59
407	A neuropathological study of two autopsy cases of syndromic hemimegalencephaly. Neuropathology and Applied Neurobiology, 2007, 33, 455-470.	3.2	36
408	Induction of the Wnt Inhibitor, Dickkopf-1, Is Associated with Neurodegeneration Related to Temporal Lobe Epilepsy. Epilepsia, 2007, 48, 694-705.	5.1	91
409	Dynamic Changes of Proteases and Protease Inhibitors Revealed by Microarray Analysis in CA3 and Entorhinal Cortex during Epileptogenesis in the Rat. Epilepsia, 2007, 48, 53-64.	5.1	52
410	Complement activation in experimental and human temporal lobe epilepsy. Neurobiology of Disease, 2007, 26, 497-511.	4.4	192
411	Co-expression of cyclin D1 and phosphorylated ribosomal S6 proteins in hemimegalencephaly. Acta Neuropathologica, 2007, 114, 287-293.	7.7	54
412	Pontocerebellar hypoplasia type 2: a neuropathological update. Acta Neuropathologica, 2007, 114, 373-386.	7.7	65
413	Group I Metabotropic Glutamate Receptors: A Role in Neurodevelopmental Disorders?. Molecular Neurobiology, 2007, 35, 298-307.	4.0	53
414	Potential New Antiepileptogenic Targets Indicated by Microarray Analysis in a Rat Model for Temporal Lobe Epilepsy. Journal of Neuroscience, 2006, 26, 11083-11110.	3.6	290

#	Article	IF	Citations
415	Serial analysis of gene expression in the hippocampus of patients with mesial temporal lobe epilepsy. Neuroscience, 2006, 138, 457-474.	2.3	44
416	Inhibition of the Multidrug Transporter P-Glycoprotein Improves Seizure Control in Phenytoin-treated Chronic Epileptic Rats. Epilepsia, 2006, 47, 672-680.	5.1	191
417	Evidence of activated microglia in focal cortical dysplasia. Journal of Neuroimmunology, 2006, 173, 188-195.	2.3	139
418	The IL-1Î² system in epilepsy-associated malformations of cortical development. Neurobiology of Disease, 2006, 24, 128-143.	4.4	249
419	Pharmacological Activation of mGlu4 Metabotropic Glutamate Receptors Inhibits the Growth of Medulloblastomas. Journal of Neuroscience, 2006, 26, 8388-8397.	3.6	73
420	DNA Polymerase-beta Is Expressed Early in Neurons of Alzheimer's Disease Brain and Is Loaded into DNA Replication Forks in Neurons Challenged with beta-Amyloid. Journal of Neuroscience, 2006, 26, 10949-10957.	3.6	76
421	Adult-onset epilepsy in focal cortical dysplasia of Taylor type. Neurology, 2005, 64, 1771-1774.	1.1	25
422	Expression of Multidrug Transporters MRP1, MRP2, and BCRP Shortly after Status Epilepticus, during the Latent Period, and in Chronic Epileptic Rats. Epilepsia, 2005, 46, 1569-1580.	5.1	110
423	Increased Expression of Ferritin, an Iron-storage Protein, in Specific Regions of the Parahippocampal Cortex of Epileptic Rats. Epilepsia, 2005, 46, 1371-1379.	5.1	39
424	Localization of Breast Cancer Resistance Protein (BCRP) in Microvessel Endothelium of Human Control and Epileptic Brain. Epilepsia, 2005, 46, 849-857.	5.1	156
425	Distribution, characterization and clinical significance of microglia in glioneuronal tumours from patients with chronic intractable epilepsy. Neuropathology and Applied Neurobiology, 2005, 31, 280-291.	3.2	74
426	Expression patterns of Group III metabotropic glutamate receptors mGluR4 and mGluR8 in multiple sclerosis lesions. Journal of Neuroimmunology, 2005, 158, 182-190.	2.3	58
427	Interleukin-1Î² down-regulates the expression of metabotropic glutamate receptor 5 in cultured human astrocytes. Journal of Neuroimmunology, 2005, 160, 188-194.	2.3	31
428	Congenital disorder of glycosylation type Ia: a clinicopathological report of a newborn infant with cerebellar pathology. Acta Neuropathologica, 2005, 109, 433-442.	7.7	63
429	17Î²-estradiol rescues spinal motoneurons from AMPA-induced toxicity: A role for glial cells. Neurobiology of Disease, 2005, 20, 461-470.	4.4	47
430	Activation of metabotropic glutamate receptor 3 enhances interleukin (IL)-1Î²-stimulated release of IL-6 in cultured human astrocytes. Neuroscience, 2005, 130, 927-933.	2.3	42
431	Targeted Gene Expression Analysis in Hemimegalencephaly: Activation of Î²â€Catenin Signaling. Brain Pathology, 2005, 15, 179-186.	4.1	29
432	Immunohistochemical localization of vascular endothelial growth factor receptors-1, -2 and -3 in human spinal cord: altered expression in amyotrophic lateral sclerosis. Neuropathology and Applied Neurobiology, 2004, 30, 351-359.	3.2	12

#	Article	IF	Citations
433	Neurotrophin receptor immunoreactivity in the hippocampus of patients with mesial temporal lobe epilepsy. Neuropathology and Applied Neurobiology, 2004, 30, 651-664.	3.2	22
434	Calcium Extrusion Protein Expression in the Hippocampal Formation of Chronic Epileptic Rats after Kainate-induced Status Epilepticus. Epilepsia, 2004, 45, 1189-1201.	5.1	18
435	Altered Expression of Neurotransmitter-receptor Subunit and Uptake Site mRNAs in Hemimegalencephaly. Epilepsia, 2004, 45, 1517-1524.	5.1	20
436	Expression and Cellular Distribution of Major Vault Protein: A Putative Marker for Pharmacoresistance in a Rat Model for Temporal Lobe Epilepsy. Epilepsia, 2004, 45, 1506-1516.	5.1	23
437	Expression and Cellular Distribution of Multidrug Resistance-related Proteins in the Hippocampus of Patients with Mesial Temporal Lobe Epilepsy. Epilepsia, 2004, 45, 1296-1296.	5.1	2
438	Expression and Cellular Distribution of Multidrug Resistance-related Proteins in the Hippocampus of Patients with Mesial Temporal Lobe Epilepsy. Epilepsia, 2004, 45, 441-451.	5.1	187
439	Expression and cellular distribution of high- and low-affinity neurotrophin receptors in malformations of cortical development. Acta Neuropathologica, 2004, 108, 422-434.	7.7	24
440	mTOR cascade activation distinguishes tubers from focal cortical dysplasia. Annals of Neurology, 2004, 56, 478-487.	5.3	238
441	Familial cortical tremor with epilepsy and cerebellar pathological findings. Movement Disorders, 2004, 19, 213-217.	3.9	55
442	Selective and persistent upregulation of mdr1b mRNA and P-glycoprotein in the parahippocampal cortex of chronic epileptic rats. Epilepsy Research, 2004, 60, 203-213.	1.6	54
443	Induction of Dickkopf-1, a Negative Modulator of the Wnt Pathway, Is Associated with Neuronal Degeneration in Alzheimer's Brain. Journal of Neuroscience, 2004, 24, 6021-6027.	3.6	337
444	Progression of temporal lobe epilepsy in the rat is associated with immunocytochemical changes in inhibitory interneurons in specific regions of the hippocampal formation. Experimental Neurology, 2004, 187, 367-379.	4.1	103
445	Upregulation of neuronal nitric oxide synthase in in vitro stellate astrocytes and in vivo reactive astrocytes after electrically induced status epilepticus. Neurochemical Research, 2003, 28, 607-615.	3.3	26
446	Expression and regulation of voltage-gated sodium channel Î²1 subunit protein in human gliosis-associated pathologies. Acta Neuropathologica, 2003, 105, 515-523.	7.7	15
447	Increased expression of connective tissue growth factor in amyotrophic lateral sclerosis human spinal cord. Acta Neuropathologica, 2003, 106, 449-457.	7.7	27
448	Overexpression of the Human Major Vault Protein in Gangliogliomas. Epilepsia, 2003, 44, 1166-1175.	5.1	32
449	Neuronal Cell Death in a Rat Model for Mesial Temporal Lobe Epilepsy Is Induced by the Initial Status Epilepticus and Not by Later Repeated Spontaneousâ€ƒSeizures. Epilepsia, 2003, 44, 647-658.	5.1	134
450	Expression and Cell Distribution of Group I and Group II Metabotropic Glutamate Receptor Subtypes in Taylor-type Focal Cortical Dysplasia. Epilepsia, 2003, 44, 785-795.	5.1	121

#	Article	IF	Citations
451	Expression and functional role of mGluR3 and mGluR5 in human astrocytes and glioma cells: opposite regulation of glutamate transporter proteins. European Journal of Neuroscience, 2003, 17, 2106-2118.	2.6	259
452	GAP-43mRNA and protein expression in the hippocampal and parahippocampal region during the course of epileptogenesis in rats. European Journal of Neuroscience, 2003, 17, 2369-2380.	2.6	30
453	Expression and cellular distribution of multidrug transporter proteins in two major causes of medically intractable epilepsy: focal cortical dysplasia and glioneuronal tumors. Neuroscience, 2003, 118, 417-429.	2.3	186
454	Altered expression patterns of group I and II metabotropic glutamate receptors in multiple sclerosis. Brain, 2003, 126, 1755-1766.	7.6	176
455	Limbic Seizures Induce P-Glycoprotein in Rodent Brain: Functional Implications for Pharmacoresistance. Journal of Neuroscience, 2002, 22, 5833-5839.	3.6	233
456	Expression and distribution of id helix-loop-helix proteins in human astrocytic tumors. Glia, 2002, 38, 329-338.	4.9	108
457	Long-lasting increased excitability differs in dentate gyrus vs. CA1 in freely moving chronic epileptic rats after electrically induced status epilepticus. Hippocampus, 2002, 12, 311-324.	1.9	51
458	Glutamate transporters alterations in the reorganizing dentate gyrus are associated with progressive seizure activity in chronic epileptic rats. Journal of Comparative Neurology, 2002, 442, 365-377.	1.6	48
459	SHORT COMMUNICATION Sodium channel Î²1-subunit expression is increased in reactive astrocytes in a rat model for mesial temporal lobe epilepsy. European Journal of Neuroscience, 2002, 16, 360-364.	2.6	21
460	Immunohistochemical localization of group I and II metabotropic glutamate receptors in control and amyotrophic lateral sclerosis human spinal cord: upregulation in reactive astrocytes. Neuroscience, 2001, 105, 509-520.	2.3	149
461	Increased Expression of Neuronal Nitric Oxide Synthase Spliced Variants in Reactive Astrocytes of Amyotrophic Lateral Sclerosis Human Spinal Cord. Journal of Neuroscience, 2001, 21, RC148-RC148.	3.6	80
462	Expression of Id proteins increases in astrocytes in the hippocampus of epileptic rats. NeuroReport, 2001, 12, 2461-2465.	1.2	13
463	Expression of connexin 43 and connexin 32 gap-junction proteins in epilepsy-associated brain tumors and in the perilesional epileptic cortex. Acta Neuropathologica, 2001, 101, 449-459.	7.7	153
464	Glioneuronal tumors and medically intractable epilepsy: a clinical study with long-term follow-up of seizure outcome after surgery. Epilepsy Research, 2001, 43, 179-191.	1.6	162
465	Progression of spontaneous seizures after status epilepticus is associated with mossy fibre sprouting and extensive bilateral loss of hilar parvalbumin and somatostatin-immunoreactive neurons. European Journal of Neuroscience, 2001, 13, 657-669.	2.6	259
466	Ionotropic and metabotropic glutamate receptor protein expression in glioneuronal tumours from patients with intractable epilepsy. Neuropathology and Applied Neurobiology, 2001, 27, 223-237.	3.2	130
467	Induction of neonatal sodium channel II and III Î±-isoform mRNAs in neurons and microglia after status epilepticus in the rat hippocampus. European Journal of Neuroscience, 2001, 13, 1261-1266.	2.6	66
468	Cystatin C, a cysteine protease inhibitor, is persistently upâ€regulated in neurons and glia in a rat model for mesial temporal lobe epilepsy. European Journal of Neuroscience, 2001, 14, 1485-1491.	2.6	49

#	Article	IF	Citations
469	Expression of brain-derived neurotrophic factor and tyrosine kinase B receptor proteins in glioneuronal tumors from patients with intractable epilepsy: colocalization with N-methyl-D-aspartic acid receptor. Acta Neuropathologica, 2001, 101, 383-392.	7.7	54
470	Upregulation of metabotropic glutamate receptor subtype mGluR3 and mGluR5 in reactive astrocytes in a rat model of mesial temporal lobe epilepsy. European Journal of Neuroscience, 2000, 12, 2333-2344.	2.6	259
471	Aurintricarboxylic acid prevents GLUR2 mRNA down-regulation and delayed neurodegeneration in hippocampal CA1 neurons of gerbil after global ischemia. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 7115-7120.	7.1	24
472	Non-plaque dystrophic dendrites in Alzheimer hippocampus: a new pathological structure revealed by glutamate receptor immunocytochemistry. Neuroscience, 1997, 82, 979-991.	2.3	46
473	Reciprocal influences of nigral cells and striatal patch neurons in dissociated co-cultures. Journal of Neuroscience Research, 1996, 44, 540-550.	2.9	11
474	Development of voltage-activated potassium currents in cultured cerebellar granule neurons under different growth conditions. Journal of Neurophysiology, 1995, 74, 298-306.	1.8	17
475	Plasticity of Metabotropic Glutamate Receptors in Physiological and Pathological Conditions. , 1994, , 243-269.		4
476	Pharmacological characterization of metabotropic glutamate receptors in cultured cerebellar granule cells. Neurochemical Research, 1993, 18, 605-612.	3.3	21
477	Metabotropic Glutamate Receptors in Cultured Cerebellar Granule Cells: Developmental Profile. Journal of Neurochemistry, 1993, 60, 559-565.	3.9	51
478	Growth Conditions Differentially Regulate the Expression ofÎ±-Amino-3-Hydroxy-5-Methylisoxazole-4-Propionate (AMPA) Receptor Subunits in Cultured Neurons. Journal of Neurochemistry, 1993, 61, 2133-2139.	3.9	65
479	Melittin enhances excitatory amino acid release and AMPA-stimulated 45Ca2+ influx in cultured neurons. Brain Research, 1992, 586, 72-77.	2.2	21
480	Metabotropic Glutamate Receptors and Neuronal Toxicity. Advances in Experimental Medicine and Biology, 1992, 318, 137-145.	1.6	14
481	Interaction between ÃŸ-N-methylamino- l-alanine and excitatory amino acid receptors in brain slices and neuronal cultures. Brain Research, 1991, 558, 79-86.	2.2	69
482	Enhanced Sensitivity of "Metabotropic" Glutamate Receptors After Induction of Long-Term Potentiation in Rat Hippocampus. Journal of Neurochemistry, 1991, 57, 376-383.	3.9	58
483	Desensitization of Metabotropic Glutamate Receptors in Neuronal Cultures. Journal of Neurochemistry, 1991, 56, 1329-1335.	3.9	87
484	Homologous desensitization of metabolotropic glutamate receptors in neuronal cultures. Pharmacological Research, 1990, 22, 79-80.	7.1	0
485	Metabotropic glutamate receptors and long-term potentiation (LTP) in rat hippocampus. Pharmacological Research, 1990, 22, 19.	7.1	2
486	The guam toxin, B-N-methylamino-L-alanine (BMAA) activates metabotropic glutamate receptors in brain slices and neuronal cultures. Pharmacological Research, 1990, 22, 124.	7.1	0

#	Article	IF	Citations
487	Enhanced sensitivity of â€œmetabotropicâ€•glutamate receptors after induction of long-term potentiation (LTP) in rat hippocampus. Pharmacological Research, 1990, 22, 50-51.	7.1	0
488	Activation of excitatory amino acid receptors increases intracellular free [3H]arachidonate levels in cultured cerebellar neurons. Functional Neurology, 1990, 5, 15-20.	1.3	3
489	SGCE isoform characterization and expression in human brain: implications for myoclonusâ€“dystonia pathogenesis?. , 0, .		1