

# 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	DNA methylation-based classification of central nervous system tumours. <i>Nature</i> , 2018, 555, 469-474.	27.8	1,872
2	The clinicopathologic spectrum of focal cortical dysplasias: A consensus classification proposed by an ad hoc Task Force of the ILAE Diagnostic Methods Commission <sup>1</sup> . <i>Epilepsia</i> , 2011, 52, 158-174.	5.1	1,454
3	International consensus classification of hippocampal sclerosis in temporal lobe epilepsy: A Task Force report from the <scp>ILAE</scp> Commission on Diagnostic Methods. <i>Epilepsia</i> , 2013, 54, 1315-1329.	5.1	816
4	Toll-like receptor 4 and high-mobility group box-1 are involved in ictogenesis and can be targeted to reduce seizures. <i>Nature Medicine</i> , 2010, 16, 413-419.	30.7	777
5	New Brain Tumor Entities Emerge from Molecular Classification of CNS-PNETs. <i>Cell</i> , 2016, 164, 1060-1072.	28.9	702
6	Blood-brain barrier leakage may lead to progression of temporal lobe epilepsy. <i>Brain</i> , 2007, 130, 521-534.	7.6	674
7	Histopathological Findings in Brain Tissue Obtained during Epilepsy Surgery. <i>New England Journal of Medicine</i> , 2017, 377, 1648-1656.	27.0	621
8	Innate and adaptive immunity during epileptogenesis and spontaneous seizures: Evidence from experimental models and human temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2008, 29, 142-160.	4.4	618
9	Epilepsy and brain inflammation. <i>Experimental Neurology</i> , 2013, 244, 11-21.	4.1	466
10	Atypical Teratoid/Rhabdoid Tumors Are Comprised of Three Epigenetic Subgroups with Distinct Enhancer Landscapes. <i>Cancer Cell</i> , 2016, 29, 379-393.	16.8	438
11	Induction of Dickkopf-1, a Negative Modulator of the Wnt Pathway, Is Associated with Neuronal Degeneration in Alzheimer's Brain. <i>Journal of Neuroscience</i> , 2004, 24, 6021-6027.	3.6	337
12	Potential New Antiepileptogenic Targets Indicated by Microarray Analysis in a Rat Model for Temporal Lobe Epilepsy. <i>Journal of Neuroscience</i> , 2006, 26, 11083-11110.	3.6	290
13	Expression pattern of miR-146a, an inflammation-associated microRNA, in experimental and human temporal lobe epilepsy. <i>European Journal of Neuroscience</i> , 2010, 31, 1100-1107.	2.6	286
14	Advances in the development of biomarkers for epilepsy. <i>Lancet Neurology</i> , The, 2016, 15, 843-856.	10.2	283
15	MicroRNA-146a: A Key Regulator of Astrocyte-Mediated Inflammatory Response. <i>PLoS ONE</i> , 2012, 7, e44789.	2.5	282
16	Upregulation of metabotropic glutamate receptor subtype mGluR3 and mGluR5 in reactive astrocytes in a rat model of mesial temporal lobe epilepsy. <i>European Journal of Neuroscience</i> , 2000, 12, 2333-2344.	2.6	259
17	Progression of spontaneous seizures after status epilepticus is associated with mossy fibre sprouting and extensive bilateral loss of hilar parvalbumin and somatostatin-immunoreactive neurons. <i>European Journal of Neuroscience</i> , 2001, 13, 657-669.	2.6	259
18	Expression and functional role of mGluR3 and mGluR5 in human astrocytes and glioma cells: opposite regulation of glutamate transporter proteins. <i>European Journal of Neuroscience</i> , 2003, 17, 2106-2118.	2.6	259

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19	The IL-1 $\beta$ system in epilepsy-associated malformations of cortical development. <i>Neurobiology of Disease</i> , 2006, 24, 128-143.	4.4	249
20	A ketogenic diet suppresses seizures in mice through adenosine A1 receptors. <i>Journal of Clinical Investigation</i> , 2011, 121, 2679-2683.	8.2	245
21	Inflammation in epilepsy: Clinical observations. <i>Epilepsia</i> , 2011, 52, 26-32.	5.1	241
22	mTOR cascade activation distinguishes tubers from focal cortical dysplasia. <i>Annals of Neurology</i> , 2004, 56, 478-487.	5.3	238
23	Limbic Seizures Induce P-Glycoprotein in Rodent Brain: Functional Implications for Pharmacoresistance. <i>Journal of Neuroscience</i> , 2002, 22, 5833-5839.	3.6	233
24	tRNA splicing endonuclease mutations cause pontocerebellar hypoplasia. <i>Nature Genetics</i> , 2008, 40, 1113-1118.	21.4	217
25	Commonalities in epileptogenic processes from different acute brain insults: Do they translate?. <i>Epilepsia</i> , 2018, 59, 37-66.	5.1	206
26	Intramuscular Administration of AAV1-Lipoprotein Lipase <sup>S447X</sup> Lowers Triglycerides in Lipoprotein Lipase-Deficient Patients. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 2303-2304.	2.4	201
27	Complement activation in experimental and human temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2007, 26, 497-511.	4.4	192
28	Inhibition of the Multidrug Transporter P-Glycoprotein Improves Seizure Control in Phenytoin-treated Chronic Epileptic Rats. <i>Epilepsia</i> , 2006, 47, 672-680.	5.1	191
29	Embryonal tumor with abundant neuropil and true rosettes (ETANTR), ependymoblastoma, and medulloepithelioma share molecular similarity and comprise a single clinicopathological entity. <i>Acta Neuropathologica</i> , 2014, 128, 279-289.	7.7	191
30	Inflammatory processes in cortical tubers and subependymal giant cell tumors of tuberous sclerosis complex. <i>Epilepsy Research</i> , 2008, 78, 7-21.	1.6	189
31	Glia as a source of cytokines: Implications for neuronal excitability and survival. <i>Epilepsia</i> , 2008, 49, 24-32.	5.1	188
32	Expression and Cellular Distribution of Multidrug Resistance-related Proteins in the Hippocampus of Patients with Mesial Temporal Lobe Epilepsy. <i>Epilepsia</i> , 2004, 45, 441-451.	5.1	187
33	Decreased numbers of progenitor cells but no response to antidepressant drugs in the hippocampus of elderly depressed patients. <i>Neuropharmacology</i> , 2010, 58, 940-949.	4.1	187
34	Expression and cellular distribution of multidrug transporter proteins in two major causes of medically intractable epilepsy: focal cortical dysplasia and glioneuronal tumors. <i>Neuroscience</i> , 2003, 118, 417-429.	2.3	186
35	Review: Neuroinflammatory pathways as treatment targets and biomarker candidates in epilepsy: emerging evidence from preclinical and clinical studies. <i>Neuropathology and Applied Neurobiology</i> , 2018, 44, 91-111.	3.2	186
36	Postmortem Cortex Samples Identify Distinct Molecular Subtypes of ALS: Retrotransposon Activation, Oxidative Stress, and Activated Glia. <i>Cell Reports</i> , 2019, 29, 1164-1177.e5.	6.4	184

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37	Activation of toll-like receptor, RAGE and HMGB1 signalling in malformations of cortical development. <i>Brain</i> , 2011, 134, 1015-1032.	7.6	180
38	Seizure outcome and use of antiepileptic drugs after epilepsy surgery according to histopathological diagnosis: a retrospective multicentre cohort study. <i>Lancet Neurology</i> , The, 2020, 19, 748-757.	10.2	177
39	Altered expression patterns of group I and II metabotropic glutamate receptors in multiple sclerosis. <i>Brain</i> , 2003, 126, 1755-1766.	7.6	176
40	Long-term Epilepsy-Associated Tumors. <i>Brain Pathology</i> , 2012, 22, 350-379.	4.1	176
41	Retinoic Acid Induces Blood-Brain Barrier Development. <i>Journal of Neuroscience</i> , 2013, 33, 1660-1671.	3.6	171
42	Toll-like receptor signaling in amyotrophic lateral sclerosis spinal cord tissue. <i>Neuroscience</i> , 2011, 179, 233-243.	2.3	169
43	Astrocyte immune responses in epilepsy. <i>Glia</i> , 2012, 60, 1258-1268.	4.9	168
44	Blood-brain barrier dysfunction, seizures and epilepsy. <i>Seminars in Cell and Developmental Biology</i> , 2015, 38, 26-34.	5.0	166
45	Hippocampal subregion-specific microRNA expression during epileptogenesis in experimental temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2014, 62, 508-520.	4.4	163
46	Glioneuronal tumors and medically intractable epilepsy: a clinical study with long-term follow-up of seizure outcome after surgery. <i>Epilepsy Research</i> , 2001, 43, 179-191.	1.6	162
47	Immunity and Inflammation in Epilepsy. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2016, 6, a022699.	6.2	162
48	Localization of Breast Cancer Resistance Protein (BCRP) in Microvessel Endothelium of Human Control and Epileptic Brain. <i>Epilepsia</i> , 2005, 46, 849-857.	5.1	156
49	Differential expression patterns of chloride transporters, Na <sup>+</sup> -K <sup>+</sup> -2Cl <sup>-</sup> -cotransporter and K <sup>+</sup> -Cl <sup>-</sup> -cotransporter, in epilepsy-associated malformations of cortical development. <i>Neuroscience</i> , 2007, 145, 185-196.	2.3	156
50	Expression of connexin 43 and connexin 32 gap-junction proteins in epilepsy-associated brain tumors and in the perilesional epileptic cortex. <i>Acta Neuropathologica</i> , 2001, 101, 449-459.	7.7	153
51	Management of epilepsy associated with tuberous sclerosis complex: Updated clinical recommendations. <i>European Journal of Paediatric Neurology</i> , 2018, 22, 738-748.	1.6	151
52	Status epilepticus, blood-brain barrier disruption, inflammation, and epileptogenesis. <i>Epilepsy and Behavior</i> , 2015, 49, 13-16.	1.7	150
53	Immunohistochemical localization of group I and II metabotropic glutamate receptors in control and amyotrophic lateral sclerosis human spinal cord: upregulation in reactive astrocytes. <i>Neuroscience</i> , 2001, 105, 509-520.	2.3	149
54	Blockade of the IL-1R1/TLR4 pathway mediates disease-modification therapeutic effects in a model of acquired epilepsy. <i>Neurobiology of Disease</i> , 2017, 99, 12-23.	4.4	149

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55	Epilepsy in patients with a brain tumour: focal epilepsy requires focused treatment. <i>Brain</i> , 2012, 135, 1002-1016.	7.6	148
56	Evaluation of the innate and adaptive immunity in type I and type II focal cortical dysplasias. <i>Epilepsia</i> , 2010, 51, 1763-1773.	5.1	147
57	Inhibition of mammalian target of rapamycin reduces epileptogenesis and blood-brain barrier leakage but not microglia activation. <i>Epilepsia</i> , 2012, 53, 1254-1263.	5.1	146
58	Evidence of activated microglia in focal cortical dysplasia. <i>Journal of Neuroimmunology</i> , 2006, 173, 188-195.	2.3	139
59	Receptor for Advanced Glycation Endproducts is upregulated in temporal lobe epilepsy and contributes to experimental seizures. <i>Neurobiology of Disease</i> , 2013, 58, 102-114.	4.4	139
60	A neuropathology-based approach to epilepsy surgery in brain tumors and proposal for a new terminology use for long-term epilepsy-associated brain tumors. <i>Acta Neuropathologica</i> , 2014, 128, 39-54.	7.7	139
61	Targeting oxidative stress improves disease outcomes in a rat model of acquired epilepsy. <i>Brain</i> , 2019, 142, e39-e39.	7.6	137
62	Prevention of Epilepsy in Infants with Tuberous Sclerosis Complex in the EPISTOP Trial. <i>Annals of Neurology</i> , 2021, 89, 304-314.	5.3	137
63	Neuronal Cell Death in a Rat Model for Mesial Temporal Lobe Epilepsy Is Induced by the Initial Status Epilepticus and Not by Later Repeated Spontaneous Seizures. <i>Epilepsia</i> , 2003, 44, 647-658.	5.1	134
64	Biallelic <i>TSC</i> gene inactivation in tuberous sclerosis complex. <i>Neurology</i> , 2010, 74, 1716-1723.	1.1	134
65	Gene Expression Analysis of Tuberous Sclerosis Complex Cortical Tubers Reveals Increased Expression of Adhesion and Inflammatory Factors. <i>Brain Pathology</i> , 2010, 20, 704-719.	4.1	132
66	Neuroinflammatory targets and treatments for epilepsy validated in experimental models. <i>Epilepsia</i> , 2017, 58, 27-38.	5.1	131
67	Ionotropic and metabotropic glutamate receptor protein expression in glioneuronal tumours from patients with intractable epilepsy. <i>Neuropathology and Applied Neurobiology</i> , 2001, 27, 223-237.	3.2	130
68	ALS-associated mutations in FUS disrupt the axonal distribution and function of SMN. <i>Human Molecular Genetics</i> , 2013, 22, 3690-3704.	2.9	130
69	<i>BRAF</i> V600E Mutation Is Associated with <i>mTOR</i> Signaling Activation in Glioneuronal Tumors. <i>Brain Pathology</i> , 2014, 24, 52-66.	4.1	129
70	GABAA currents are decreased by IL-1 $\beta$ in epileptogenic tissue of patients with temporal lobe epilepsy: implications for ictogenesis. <i>Neurobiology of Disease</i> , 2015, 82, 311-320.	4.4	129
71	Hippocampal Radial Glial Subtypes and Their Neurogenic Potential in Human Fetuses and Healthy and Alzheimer's Disease Adults. <i>Cerebral Cortex</i> , 2018, 28, 2458-2478.	2.9	128
72	Amyloid beta deregulates astroglial mGluR5-mediated calcium signaling via calcineurin and Nf $\kappa$ B. <i>Glia</i> , 2013, 61, 1134-1145.	4.9	127

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73	COX-2 inhibition controls P-glycoprotein expression and promotes brain delivery of phenytoin in chronic epileptic rats. <i>Neuropharmacology</i> , 2010, 58, 404-412.	4.1	124
74	Upregulation of adenosine kinase in astrocytes in experimental and human temporal lobe epilepsy. <i>Epilepsia</i> , 2011, 52, 1645-1655.	5.1	123
75	Fetal Brain Lesions in Tuberous Sclerosis Complex: <scp>TORC1</scp> Activation and Inflammation. <i>Brain Pathology</i> , 2013, 23, 45-59.	4.1	123
76	Expression and Cell Distribution of Group I and Group II Metabotropic Glutamate Receptor Subtypes in Taylor-type Focal Cortical Dysplasia. <i>Epilepsia</i> , 2003, 44, 785-795.	5.1	121
77	Neuroinflammation in Delirium: A Postmortem Case-Control Study. <i>Rejuvenation Research</i> , 2011, 14, 615-622.	1.8	121
78	Malformations of cortical development and epilepsies: neuropathological findings with emphasis on focal cortical dysplasia. <i>Epileptic Disorders</i> , 2009, 11, 181-193.	1.3	120
79	Immune Responses to Intramuscular Administration of Alipogene Tiparovec (AAV1-LPL<sup>S447X</sup>) in a Phase II Clinical Trial of Lipoprotein Lipase Deficiency Gene Therapy. <i>Human Gene Therapy</i> , 2014, 25, 180-188.	2.7	118
80	Glucocorticoid receptor protein expression in human hippocampus; stability with age. <i>Neurobiology of Aging</i> , 2013, 34, 1662-1673.	3.1	116
81	LIN28A immunoreactivity is a potent diagnostic marker of embryonal tumor with multilayered rosettes (ETMR). <i>Acta Neuropathologica</i> , 2012, 124, 875-881.	7.7	115
82	Innate and adaptive immunity in amyotrophic lateral sclerosis: Evidence of complement activation. <i>Neurobiology of Disease</i> , 2011, 42, 211-220.	4.4	113
83	Comparative interactomics analysis of different ALS-associated proteins identifies converging molecular pathways. <i>Acta Neuropathologica</i> , 2016, 132, 175-196.	7.7	113
84	Low-grade epilepsy-associated neuroepithelial tumours â€” the 2016 WHO classification. <i>Nature Reviews Neurology</i> , 2016, 12, 732-740.	10.1	113
85	Decreased expression of synaptic vesicle protein 2A, the binding site for levetiracetam, during epileptogenesis and chronic epilepsy. <i>Epilepsia</i> , 2009, 50, 422-433.	5.1	111
86	Expression of Multidrug Transporters MRP1, MRP2, and BCRP Shortly after Status Epilepticus, during the Latent Period, and in Chronic Epileptic Rats. <i>Epilepsia</i> , 2005, 46, 1569-1580.	5.1	110
87	Metabotropic Glutamate Receptors in Glial Cells. <i>Neurochemical Research</i> , 2008, 33, 2436-2443.	3.3	110
88	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. <i>Epilepsia</i> , 2016, 57, 348-358.	5.1	110
89	Expression and distribution of id helix-loop-helix proteins in human astrocytic tumors. <i>Glia</i> , 2002, 38, 329-338.	4.9	108
90	Region-Specific Overexpression of P-glycoprotein at the Blood-Brain Barrier Affects Brain Uptake of Phenytoin in Epileptic Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 322, 141-147.	2.5	105

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91	Progression of temporal lobe epilepsy in the rat is associated with immunocytochemical changes in inhibitory interneurons in specific regions of the hippocampal formation. <i>Experimental Neurology</i> , 2004, 187, 367-379.	4.1	103
92	Astrocytes produce interferon $\alpha$ and CXCL10, but not IL $\beta$ or CXCL8, in aicardi $\ddot{G}$ outi $\ddot{A}$ res syndrome. <i>Glia</i> , 2008, 56, 568-578.	4.9	99
93	Effects of SC58236, a selective COX-2 inhibitor, on epileptogenesis and spontaneous seizures in a rat model for temporal lobe epilepsy. <i>Epilepsy Research</i> , 2009, 84, 56-66.	1.6	99
94	Anomalous levels of Cl $\gamma$ transporters cause a decrease of GABAergic inhibition in human peritumoral epileptic cortex. <i>Epilepsia</i> , 2011, 52, 1635-1644.	5.1	98
95	Clinicopathological and immunohistochemical findings in an autopsy case of tuberous sclerosis complex. <i>Neuropathology</i> , 2008, 28, 577-590.	1.2	96
96	Malformations of Cortical Development. <i>Brain Pathology</i> , 2012, 22, 380-401.	4.1	96
97	FUS pathology in ALS is linked to alterations in multiple ALS-associated proteins and rescued by drugs stimulating autophagy. <i>Acta Neuropathologica</i> , 2019, 138, 67-84.	7.7	94
98	Developmental lineage of cell types in cortical dysplasia with balloon cells. <i>Brain</i> , 2007, 130, 2267-2276.	7.6	93
99	Natural killer cells modulate motor neuron-immune cell cross talk in models of Amyotrophic Lateral Sclerosis. <i>Nature Communications</i> , 2020, 11, 1773.	12.8	93
100	Fatal Human Rabies due to Duvenhage Virus from a Bat in Kenya: Failure of Treatment with Coma-Induction, Ketamine, and Antiviral Drugs. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e428.	3.0	92
101	Fetal Brain mTOR Signaling Activation in Tuberous Sclerosis Complex. <i>Cerebral Cortex</i> , 2014, 24, 315-327.	2.9	92
102	Precise detection of low-level somatic mutation in resected epilepsy brain tissue. <i>Acta Neuropathologica</i> , 2019, 138, 901-912.	7.7	92
103	Long-lasting blood-brain barrier dysfunction and neuroinflammation after traumatic brain injury. <i>Neurobiology of Disease</i> , 2020, 145, 105080.	4.4	92
104	Induction of the Wnt Inhibitor, Dickkopf-1, Is Associated with Neurodegeneration Related to Temporal Lobe Epilepsy. <i>Epilepsia</i> , 2007, 48, 694-705.	5.1	91
105	Review: Immune $\alpha$ mediated necrotizing myopathies $\alpha$ a heterogeneous group of diseases with specific myopathological features. <i>Neuropathology and Applied Neurobiology</i> , 2012, 38, 632-646.	3.2	90
106	Nuclear actin aggregation is a hallmark of anti-synthetase syndrome $\alpha$ induced dysimmune myopathy. <i>Neurology</i> , 2015, 84, 1346-1354.	1.1	90
107	Gene Expression Profile in Temporal Lobe Epilepsy. <i>Neuroscientist</i> , 2007, 13, 100-108.	3.5	89
108	The $\alpha$ ILAE $\alpha$ consensus classification of focal cortical dysplasia: An update proposed by an ad hoc task force of the $\alpha$ ILAE $\alpha$ diagnostic methods commission. <i>Epilepsia</i> , 2022, 63, 1899-1919.	5.1	88

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109	Desensitization of Metabotropic Glutamate Receptors in Neuronal Cultures. <i>Journal of Neurochemistry</i> , 1991, 56, 1329-1335.	3.9	87
110	Olfactory Receptors in Non-Chemosensory Organs: The Nervous System in Health and Disease. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 163.	3.4	86
111	Therapeutic effect of Anakinra in the relapsing chronic phase of febrile infection-related epilepsy syndrome. <i>Epilepsia Open</i> , 2019, 4, 344-350.	2.4	85
112	Cerebral expression of drug transporters in epilepsy. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 919-929.	13.7	83
113	Epilepsy Related to Developmental Tumors and Malformations of Cortical Development. <i>Neurotherapeutics</i> , 2014, 11, 251-268.	4.4	83
114	Isomorphic diffuse glioma is a morphologically and molecularly distinct tumour entity with recurrent gene fusions of MYBL1 or MYB and a benign disease course. <i>Acta Neuropathologica</i> , 2020, 139, 193-209.	7.7	83
115	Astrocytes as Guardians of Neuronal Excitability: Mechanisms Underlying Epileptogenesis. <i>Frontiers in Neurology</i> , 2020, 11, 591690.	2.4	83
116	The BH4 domain of Bcl-XL rescues astrocyte degeneration in amyotrophic lateral sclerosis by modulating intracellular calcium signals. <i>Human Molecular Genetics</i> , 2012, 21, 826-840.	2.9	82
117	<i>Paraplegin</i> mutations in sporadic adult-onset upper motor neuron syndromes. <i>Neurology</i> , 2008, 71, 1500-1505.	1.1	81
118	Increased Expression of Neuronal Nitric Oxide Synthase Spliced Variants in Reactive Astrocytes of Amyotrophic Lateral Sclerosis Human Spinal Cord. <i>Journal of Neuroscience</i> , 2001, 21, RC148-RC148.	3.6	80
119	Fractalkine/CX <sub>3</sub> CL <sub>1</sub> modulates GABA <sub>A</sub> currents in human temporal lobe epilepsy. <i>Epilepsia</i> , 2013, 54, 1834-1844.	5.1	80
120	Role of blood-brain barrier in temporal lobe epilepsy and pharmacoresistance. <i>Neuroscience</i> , 2014, 277, 455-473.	2.3	80
121	Comorbidities in Neurology: Is adenosine the common link?. <i>Neuropharmacology</i> , 2015, 97, 18-34.	4.1	80
122	Molecular classification of amyotrophic lateral sclerosis by unsupervised clustering of gene expression in motor cortex. <i>Neurobiology of Disease</i> , 2015, 74, 359-376.	4.4	79
123	Mouse Models to Study the Effect of Cardiovascular Risk Factors on Brain Structure and Cognition. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1666-1684.	4.3	78
124	The ALS-linked E102Q mutation in Sigma receptor-1 leads to ER stress-mediated defects in protein homeostasis and dysregulation of RNA-binding proteins. <i>Cell Death and Differentiation</i> , 2017, 24, 1655-1671.	11.2	77
125	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. <i>Journal of Neuroscience</i> , 2006, 26, 10949-10957.	3.6	76
126	Gene expression profile analysis of epilepsy-associated gangliogliomas. <i>Neuroscience</i> , 2008, 151, 272-292.	2.3	76



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127	EZH2-Regulated DAB2IP Is a Medulloblastoma Tumor Suppressor and a Positive Marker for Survival. <i>Clinical Cancer Research</i> , 2012, 18, 4048-4058.	7.0	76
128	EXOSC3 mutations in pontocerebellar hypoplasia type 1: novel mutations and genotype-phenotype correlations. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 23.	2.7	75
129	Distribution, characterization and clinical significance of microglia in glioneuronal tumours from patients with chronic intractable epilepsy. <i>Neuropathology and Applied Neurobiology</i> , 2005, 31, 280-291.	3.2	74
130	Differential Cellular Gene Expression in Ganglioglioma. <i>Epilepsia</i> , 2007, 48, 646-653.	5.1	74
131	Cox-2 inhibition can lead to adverse effects in a rat model for temporal lobe epilepsy. <i>Epilepsy Research</i> , 2010, 91, 49-56.	1.6	74
132	Cytoarchitectural alterations are widespread in cerebral cortex in tuberous sclerosis complex. <i>Acta Neuropathologica</i> , 2012, 123, 685-693.	7.7	74
133	Pharmacological Activation of mGlu4 Metabotropic Glutamate Receptors Inhibits the Growth of Medulloblastomas. <i>Journal of Neuroscience</i> , 2006, 26, 8388-8397.	3.6	73
134	Detection of human papillomavirus in human focal cortical dysplasia type IIB. <i>Annals of Neurology</i> , 2012, 72, 881-892.	5.3	73
135	CD133 <sup>+</sup> and Nestin <sup>+</sup> Glioma Stem-Like Cells Reside Around CD31 <sup>+</sup> Arterioles in Niches that Express SDF-1 $\alpha$ , CXCR4, Osteopontin and Cathepsin K. <i>Journal of Histochemistry and Cytochemistry</i> , 2015, 63, 481-493.	2.5	73
136	Early Progenitor Cell Marker Expression Distinguishes Type II From Type I Focal Cortical Dysplasias. <i>Journal of Neuropathology and Experimental Neurology</i> , 2010, 69, 850-863.	1.7	72
137	GFAP $\gamma$ in radial glia and subventricular zone progenitors in the developing human cortex. <i>Development (Cambridge)</i> , 2010, 137, 313-321.	2.5	72
138	Overexpression of ADK in human astrocytic tumors and peritumoral tissue is related to tumor-associated epilepsy. <i>Epilepsia</i> , 2012, 53, 58-66.	5.1	71
139	Aberrant expression of miR-218 and miR-204 in human mesial temporal lobe epilepsy and hippocampal sclerosis <sup>3</sup> Convergence on axonal guidance. <i>Epilepsia</i> , 2014, 55, 2017-2027.	5.1	71
140	Role of miR-146a in neural stem cell differentiation and neural lineage determination: relevance for neurodevelopmental disorders. <i>Molecular Autism</i> , 2018, 9, 38.	4.9	70
141	Interaction between $\gamma$ -N-methylamino- l-alanine and excitatory amino acid receptors in brain slices and neuronal cultures. <i>Brain Research</i> , 1991, 558, 79-86.	2.2	69
142	CB1 and CB2 cannabinoid receptor expression during development and in epileptogenic developmental pathologies. <i>Neuroscience</i> , 2010, 170, 28-41.	2.3	69
143	Altered perivascular fibroblast activity precedes ALS disease onset. <i>Nature Medicine</i> , 2021, 27, 640-646.	30.7	69
144	Novel Histopathological Patterns in Cortical Tubers of Epilepsy Surgery Patients with Tuberous Sclerosis Complex. <i>PLoS ONE</i> , 2016, 11, e0157396.	2.5	69

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145	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. <i>Current Alzheimer Research</i> , 2017, 14, 1305-1317.	1.4	69
146	mTOR dysregulation and tuberous sclerosis-related epilepsy. <i>Expert Review of Neurotherapeutics</i> , 2018, 18, 185-201.	2.8	68
147	The dual role of TNF- $\alpha$ and its receptors in seizures. <i>Experimental Neurology</i> , 2013, 247, 267-271.	4.1	67
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