

The role of inflammation in epilepsy

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Citation Report

#	ARTICLE	IF	CITATIONS
1	miRNA Expression Profile after Status Epilepticus and Hippocampal Neuroprotection by Targeting miR-132. <i>American Journal of Pathology</i> , 2011, 179, 2519-2532.	1.9	194
2	IL-1 receptor/Toll-like receptor signaling in infection, inflammation, stress and neurodegeneration couples hyperexcitability and seizures. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 1281-1289.	2.0	334
3	Immunoproteasome expression is induced in mesial temporal lobe epilepsy. <i>Biochemical and Biophysical Research Communications</i> , 2011, 408, 65-70.	1.0	29
4	Epileptogenesis after prolonged febrile seizures: Mechanisms, biomarkers and therapeutic opportunities. <i>Neuroscience Letters</i> , 2011, 497, 155-162.	1.0	56
5	Inflammation and prevention of epileptogenesis. <i>Neuroscience Letters</i> , 2011, 497, 223-230.	1.0	172
6	Lumping encephalopathies with inflammation-mediated status epilepticus: Is there enough evidence?. <i>Epilepsy and Behavior</i> , 2011, 20, 592.	0.9	1
7	Upregulation of KrÄppel-like factor 6 in the mouse hippocampus after pilocarpine-induced status epilepticus. <i>Neuroscience</i> , 2011, 186, 170-178.	1.1	19
8	Complement protein 6 deficiency in PVG/c rats does not lead to neuroprotection against seizure induced cell death. <i>Neuroscience</i> , 2011, 188, 109-116.	1.1	6
9	Brain inflammation as a biomarker in epilepsy. <i>Biomarkers in Medicine</i> , 2011, 5, 607-614.	0.6	182
10	Acute phase proteins and white blood cell levels for prediction of infectious complications in status epilepticus. <i>Critical Care</i> , 2011, 15, R274.	2.5	18
11	A Swell in the Armamentarium of Antiepileptic Drug Targets. <i>Epilepsy Currents</i> , 2011, 11, 172-176.	0.4	1
12	Blood-Brain Barrier Permeability: From Bench to Bedside. , 0, , .		0
13	Epilepsy: Selenium and Aging. , 2011, , .		0
14	Interleukin-1 type 1 receptor/Toll-like receptor signalling in epilepsy: the importance of IL-1beta and high-mobility group box 1. <i>Journal of Internal Medicine</i> , 2011, 270, 319-326.	2.7	157
15	Immune-mediated steroid-responsive epileptic spasms and epileptic encephalopathy associated with VGKC-complex antibodies. <i>Developmental Medicine and Child Neurology</i> , 2011, 53, 1058-1060.	1.1	40
16	Introduction. <i>Epilepsia</i> , 2011, 52, 1-4.	2.6	43
17	Inflammation in epilepsy: Clinical observations. <i>Epilepsia</i> , 2011, 52, 26-32.	2.6	241
18	Molecular cascades that mediate the influence of inflammation on epilepsy. <i>Epilepsia</i> , 2011, 52, 33-39.	2.6	127

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19	Immuno- and antiinflammatory therapies in epileptic disorders. <i>Epilepsia</i> , 2011, 52, 45-51.	2.6	25
20	Therapeutic potential of new antiinflammatory drugs. <i>Epilepsia</i> , 2011, 52, 67-69.	2.6	44
21	Microbes' roadmap to neurons. <i>Nature Reviews Neuroscience</i> , 2011, 12, 345-357.	4.9	81
22	IL-1 β is induced in reactive astrocytes in the somatosensory cortex of rats with genetic absence epilepsy at the onset of spike-and-wave discharges, and contributes to their occurrence. <i>Neurobiology of Disease</i> , 2011, 44, 259-269.	2.1	85
23	Adoptive transfer of T lymphocytes in immunodeficient mice influences epileptogenesis and neurodegeneration in a model of temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2011, 44, 174-184.	2.1	21
25	Interleukin-1 β Biosynthesis Inhibition Reduces Acute Seizures and Drug Resistant Chronic Epileptic Activity in Mice. <i>Neurotherapeutics</i> , 2011, 8, 304-315.	2.1	260
26	Increased levels of HMGB1 and pro-inflammatory cytokines in children with febrile seizures. <i>Journal of Neuroinflammation</i> , 2011, 8, 135.	3.1	128
28	The Protective and Therapeutic Function of Small Heat Shock Proteins in Neurological Diseases. <i>Frontiers in Immunology</i> , 2012, 3, 74.	2.2	36
29	Neuroinflammation. <i>Current Opinion in Neurology</i> , 2012, 25, 302-305.	1.8	6
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31	Febrile Infection-Related Epilepsy Syndrome without Detectable Autoantibodies and Response to Immunotherapy: A Case Series and Discussion of Epileptogenesis in FIRES. <i>Neuropediatrics</i> , 2012, 43, 209-216.	0.3	71
32	Epilepsy in patients with a brain tumour: focal epilepsy requires focused treatment. <i>Brain</i> , 2012, 135, 1002-1016.	3.7	148
33	Depression: an inflammatory illness?: Figure 1. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 495-502.	0.9	339
34	Cracking Down on Inhibition: Selective Removal of GABAergic Interneurons from Hippocampal Networks. <i>Journal of Neuroscience</i> , 2012, 32, 1989-2001.	1.7	40
35	Insights into epilepsy treatments and biomarkers. <i>Nature Reviews Neurology</i> , 2012, 8, 70-71.	4.9	6
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42	Multifaces of neuropeptide Y in the brain – Neuroprotection, neurogenesis and neuroinflammation. <i>Neuropeptides</i> , 2012, 46, 299-308.	0.9	103
43	Reduction in delayed mortality and subtle improvement in retrograde memory performance in pilocarpine-treated mice with conditional neuronal deletion of cyclooxygenase-2 gene. <i>Epilepsia</i> , 2012, 53, 1411-1420.	2.6	29
44	Silencing microRNA-134 produces neuroprotective and prolonged seizure-suppressive effects. <i>Nature Medicine</i> , 2012, 18, 1087-1094.	15.2	423
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53	Long-lasting pro-ictogenic effects induced in vivo by rat brain exposure to serum albumin in the absence of concomitant pathology. <i>Epilepsia</i> , 2012, 53, 1887-1897.	2.6	94
54	In vivo imaging of glia activation using ¹ H-magnetic resonance spectroscopy to detect putative biomarkers of tissue epileptogenicity. <i>Epilepsia</i> , 2012, 53, 1907-1916.	2.6	75
55	Blood-brain barrier dysfunction-induced inflammatory signaling in brain pathology and epileptogenesis. <i>Epilepsia</i> , 2012, 53, 37-44.	2.6	111
56	Epilepsy meets cancer: when, why, and what to do about it?. <i>Lancet Oncology</i> , The, 2012, 13, e375-e382.	5.1	131
57	Unprovoked seizures in multiple sclerosis and systemic lupus erythematosus: A population-based case-control study. <i>Epilepsy Research</i> , 2012, 101, 284-287.	0.8	10

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65	Genome-wide microRNA profiling of human temporal lobe epilepsy identifies modulators of the immune response. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 3127-3145.	2.4	170
66	Is antiepileptogenesis a realistic goal in clinical trials? Concerns and new horizons [*] . <i>Epileptic Disorders</i> , 2012, 14, 105-113.	0.7	41
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68	Acetylcholinesterase loosens the brain's cholinergic anti-inflammatory response and promotes epileptogenesis. <i>Frontiers in Molecular Neuroscience</i> , 2012, 5, 66.	1.4	49
69	Brain Autonomous Mechanisms of Seizure-Induced BBB Dysfunction. <i>Epilepsy Currents</i> , 2012, 12, 69-71.	0.4	4
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71	Inflammation and Epilepsy: The Foundations for a New Therapeutic Approach in Epilepsy?. <i>Epilepsy Currents</i> , 2012, 12, 8-12.	0.4	96
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75	Interleukin-1beta Causes Fluoxetine Resistance in an Animal Model of Epilepsy-Associated Depression. <i>Neurotherapeutics</i> , 2012, 9, 477-485.	2.1	80

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77	Penumbra region excitability is not enhanced acutely after cerebral ischemia in the in vitro isolated guinea pig brain. <i>Epilepsia</i> , 2012, 53, 448-458.	2.6	5
78	Finding a better drug for epilepsy: The mTOR pathway as an antiepileptogenic target. <i>Epilepsia</i> , 2012, 53, 1119-1130.	2.6	132
79	Inhibition of mammalian target of rapamycin reduces epileptogenesis and blood-brain barrier leakage but not microglia activation. <i>Epilepsia</i> , 2012, 53, 1254-1263.	2.6	146
80	Finding a better drug for epilepsy: Antiinflammatory targets. <i>Epilepsia</i> , 2012, 53, 1113-1118.	2.6	44
81	Interleukin-1 β and microRNA-146a in an immature rat model and children with mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2012, 53, 1215-1224.	2.6	119
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85	Transplantation of bone marrow mononuclear cells decreases seizure incidence, mitigates neuronal loss and modulates pro-inflammatory cytokine production in epileptic rats. <i>Neurobiology of Disease</i> , 2012, 46, 302-313.	2.1	45
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87	Increased tryptophan transport in epileptogenic dysembryoplastic neuroepithelial tumors. <i>Journal of Neuro-Oncology</i> , 2012, 107, 365-372.	1.4	30
88	Increased Placental Growth Factor in Cerebrospinal Fluid of Patients with Epilepsy. <i>Neurochemical Research</i> , 2012, 37, 665-670.	1.6	7
89	Differential expression of major histocompatibility complex class I in developmental glioneuronal lesions. <i>Journal of Neuroinflammation</i> , 2013, 10, 12.	3.1	45
90	Monocyte chemoattractant protein-1 affects migration of hippocampal neural progenitors following status epilepticus in rats. <i>Journal of Neuroinflammation</i> , 2013, 10, 11.	3.1	27
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93	Epilepsy and brain inflammation. <i>Experimental Neurology</i> , 2013, 244, 11-21.	2.0	466
95	Causes of CNS Inflammation and Potential Targets for Anticonvulsants. <i>CNS Drugs</i> , 2013, 27, 611-623.	2.7	20

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107	Immunological perspectives of temporal lobe seizures. <i>Journal of Neuroimmunology</i> , 2013, 263, 1-7.	1.1	30
108	New avenues for anti-epileptic drug discovery and development. <i>Nature Reviews Drug Discovery</i> , 2013, 12, 757-776.	21.5	506
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110	Fetal brain inflammation may prime hyperexcitability and behavioral dysfunction later in life. <i>Annals of Neurology</i> , 2013, 74, 1-3.	2.8	11
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112	Epigenetic Mechanisms in Stroke and Epilepsy. <i>Neuropsychopharmacology</i> , 2013, 38, 167-182.	2.8	83
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114	The role of inflammation in epileptogenesis. <i>Neuropharmacology</i> , 2013, 69, 16-24.	2.0	393

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117	Intra-hippocampal injection of lipopolysaccharide inhibits kindled seizures and retards kindling rate in adult rats. <i>Experimental Brain Research</i> , 2013, 226, 107-120.	0.7	20
118	Blood plasma inflammation markers during epileptogenesis in postâ€“status epilepticus rat model for temporal lobe epilepsy. <i>Epilepsia</i> , 2013, 54, 589-595.	2.6	44
119	Resection of the epileptogenic lesion abolishes seizures and reduces inflammatory cytokines of patients with temporal lobe epilepsy. <i>Journal of Neuroimmunology</i> , 2013, 254, 125-130.	1.1	32
120	The dual role of TNF- α and its receptors in seizures. <i>Experimental Neurology</i> , 2013, 247, 267-271.	2.0	67
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123	Neonatal immune challenge exacerbates seizure-induced hippocampus-dependent memory impairment in adult rats. <i>Epilepsy and Behavior</i> , 2013, 27, 9-17.	0.9	19
124	Special Issue on Epilepsy. <i>Experimental Neurology</i> , 2013, 244, 1-3.	2.0	0
125	Opposing actions of hippocampus TNF α receptors on limbic seizure susceptibility. <i>Experimental Neurology</i> , 2013, 247, 429-437.	2.0	56
126	Alpha melanocyte stimulating hormone (α -MSH) does not modify pentylentetrazol- and pilocarpine-induced seizures. <i>Life Sciences</i> , 2013, 93, 723-731.	2.0	1
127	Epileptic encephalopathy after HHV6 post-transplant acute limbic encephalitis in children: Confirmation of a new epilepsy syndrome. <i>Epilepsy Research</i> , 2013, 105, 419-422.	0.8	21
128	Autism and EMF? Plausibility of a pathophysiological link part II. <i>Pathophysiology</i> , 2013, 20, 211-234.	1.0	22
129	Mild passive focal cooling prevents epileptic seizures after head injury in rats. <i>Annals of Neurology</i> , 2013, 73, 199-209.	2.8	64
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131	Anticonvulsant effect of kaurenoic acid isolated from the root bark of <i>Annona senegalensis</i> . <i>Pharmacology Biochemistry and Behavior</i> , 2013, 109, 38-43.	1.3	37
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134	Novel frontiers in epilepsy treatments: preventing epileptogenesis by targeting inflammation. <i>Expert Review of Neurotherapeutics</i> , 2013, 13, 615-625.	1.4	30
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137	Vagus nerve stimulation to augment recovery from severe traumatic brain injury impeding consciousness: a prospective pilot clinical trial. <i>Neurological Research</i> , 2013, 35, 263-276.	0.6	32
138	Immunomodulatory interventions for focal epilepsy syndromes. <i>The Cochrane Library</i> , 2013, , CD009945.	1.5	7
139	Immunoproteasome in Cancer and Neuropathologies: A New Therapeutic Target?. <i>Current Pharmaceutical Design</i> , 2013, 19, 702-718.	0.9	27
140	Immunity Activation in Brain Cells in Epilepsy: Mechanistic Insights and Pathological Consequences. <i>Neuropediatrics</i> , 2013, 44, 330-335.	0.3	13
141	<i>Amauroderma rugosum</i> (Blume & T. Nees) Torrend: Nutritional Composition and Antioxidant and Potential Anti-Inflammatory Properties. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-10.	0.5	23
142	Decreased Epidermal Growth Factor (EGF) Associated with HMGB1 and Increased Hyperactivity in Children with Autism. <i>Biomarker Insights</i> , 2013, 8, BMI.S11270.	1.0	21
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145	Upregulation of Adenosine Kinase in Rasmussen Encephalitis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013, 72, 1000-1008.	0.9	23
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149	Cerebrovascular Remodeling and Epilepsy. <i>Neuroscientist</i> , 2013, 19, 304-312.	2.6	69
150	Pharmacoresistant Epilepsy and Immune System. , 2013, , 149-168.		3

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152	Role of hormones and neurosteroids in epileptogenesis. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 115.	1.8	59
153	Interleukin-1 β secretion in hippocampal sclerosis patients with mesial temporal lobe epilepsy. <i>Neurology International</i> , 2013, 5, 17.	1.3	9
154	Antidepressant therapy in epilepsy: can treating the comorbidities affect the underlying disorder?. <i>British Journal of Pharmacology</i> , 2013, 168, 1531-1554.	2.7	88
155	Increased neocortical expression of the $\alpha 2X7$ receptor after status epilepticus and anticonvulsant effect of $\alpha 2X7$ receptor antagonist $\alpha 438079$. <i>Epilepsia</i> , 2013, 54, 1551-1561.	2.6	130
156	hERG channel function: beyond long QT. <i>Acta Pharmacologica Sinica</i> , 2013, 34, 329-335.	2.8	65
157	The Interleukin 17 System in Cortical Lesions in Focal Cortical Dysplasias. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013, 72, 152-163.	0.9	42
158	Modulation of Immunity and the Inflammatory Response: A New Target for Treating Drug-resistant Epilepsy. <i>Current Neuropharmacology</i> , 2013, 11, 114-127.	1.4	20
159	Neuroprotective effects of anti-high-mobility group box 1 antibody in juvenile rat hippocampus after kainic acid-induced status epilepticus. <i>NeuroReport</i> , 2013, 24, 785-790.	0.6	20
160	Rapamycin Reverses Status Epilepticus-Induced Memory Deficits and Dendritic Damage. <i>PLoS ONE</i> , 2013, 8, e57808.	1.1	94
161	Additional Antiepileptic Mechanisms of Levetiracetam in Lithium-Pilocarpine Treated Rats. <i>PLoS ONE</i> , 2013, 8, e76735.	1.1	21
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163	Contribution of apoptosis-associated signaling pathways to epileptogenesis: lessons from Bcl-2 family knockouts. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 110.	1.8	54
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165	Are vesicular neurotransmitter transporters potential treatment targets for temporal lobe epilepsy?. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 139.	1.8	51
166	Implication of fibroblast growth factors in epileptogenesis-associated circuit rearrangements. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 152.	1.8	15
167	Immune mechanisms in epileptogenesis. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 195.	1.8	76
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1402	A General NAR Model for Seizure Identification Across Different Patients. <i>IFMBE Proceedings</i> , 2024, , 15-22.	0.2	0
1417	Interleukins in Epilepsy: Friend or Foe. <i>Neuroscience Bulletin</i> , 0, , .	1.5	0