DavidÂ C Henshall

List of Publications by Year
in descending order

#	Article	IF	Citations
1	Increased expression of the ATPâ€gated P2X7 receptor reduces responsiveness to antiâ€convulsants during status epilepticus in mice. British Journal of Pharmacology, 2022, 179, 2986-3006.	2.7	20
2	AntimiR targeting of microRNA-134 reduces seizures in a mouse model of Angelman syndrome. Molecular Therapy - Nucleic Acids, 2022, 28, 514-529.	2.3	13
3	Microvascular stabilization via blood-brainÂbarrier regulation prevents seizure activity. Nature Communications, 2022, 13, 2003.	5.8	47
4	Electrochemiluminescent detection of epilepsy biomarker miR-134 using a metal complex light switch. Bioelectrochemistry, 2022, 146, 108150.	2.4	1
5	Life-span characterization of epilepsy and comorbidities in Dravet syndrome mice carrying a targeted deletion of exon 1 of the Scn1a gene. Experimental Neurology, 2022, 354, 114090.	2.0	13
6	<scp>MicroRNA</scp> inhibition using <scp>antimiRs</scp> in acute human brain tissue sections. Epilepsia, 2022, 63, .	2.6	5
7	Epigenetic principles underlying epileptogenesis and epilepsy syndromes. Neurobiology of Disease, 2021, 148, 105179.	2.1	20
8	Enrichment of Circular RNA Expression Deregulation at the Transition to Recurrent Spontaneous Seizures in Experimental Temporal Lobe Epilepsy. Frontiers in Genetics, 2021, 12, 627907.	1.1	13
9	Elevated blood purine levels as a biomarker of seizures and epilepsy. Epilepsia, 2021, 62, 817-828.	2.6	21
10	Identification of clinically relevant biomarkers of epileptogenesis â€" a strategic roadmap. Nature Reviews Neurology, 2021, 17, 231-242.	4.9	54
11	Regulatory Mechanisms of the RNA Modification m6A and Significance in Brain Function in Health and Disease. Frontiers in Cellular Neuroscience, 2021, 15, 671932.	1.8	29
12	Systemic delivery of antagomirs during blood-brain barrier disruption is disease-modifying in experimental epilepsy. Molecular Therapy, 2021, 29, 2041-2052.	3.7	20
13	Predictive modelling of hypoxic ischaemic encephalopathy risk following perinatal asphyxia. Heliyon, 2021, 7, e07411.	1.4	7
14	Opportunities and challenges for microRNA-targeting therapeutics for epilepsy. Trends in Pharmacological Sciences, 2021, 42, 605-616.	4.0	39
15	Circulating P2X7 Receptor Signaling Components as Diagnostic Biomarkers for Temporal Lobe Epilepsy. Cells, 2021, 10, 2444.	1.8	23
16	Antagomir-mediated suppression of microRNA-134 reduces kainic acid-induced seizures in immature mice. Scientific Reports, 2021, 11, 340.	1.6	13
17	CHD2-Related CNS Pathologies. International Journal of Molecular Sciences, 2021, 22, 588.	1.8	20
18	Detection of spontaneous seizures in EEGs in multiple experimental mouse models of epilepsy. Journal of Neural Engineering, 2021, 18, 056060.	1.8	12

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19	BICS01 Mediates Reversible Anti-seizure Effects in Brain Slice Models of Epilepsy. Frontiers in Neurology, 2021, 12, 791608.	1.1	1
20	Meeting report: EpiXchange II brings together European epilepsy research projects to discuss latest advances. Epilepsy Research, 2021, 178, 106811.	0.8	1
21	Epigenetics and noncoding RNA: Recent developments and future therapeutic opportunities. European Journal of Paediatric Neurology, 2020, 24, 30-34.	0.7	14
22	High concordance between hippocampal transcriptome of the mouse intraâ€amygdala kainic acid model and human temporal lobe epilepsy. Epilepsia, 2020, 61, 2795-2810.	2.6	17
23	Quantification of tRNA fragments by electrochemical direct detection in small volume biofluid samples. Scientific Reports, 2020, 10, 7516.	1.6	12
24	LifeTime and improving European healthcare through cell-based interceptive medicine. Nature, 2020, 587, 377-386.	13.7	108
25	Temporally Altered miRNA Expression in a Piglet Model of Hypoxic Ischemic Brain Injury. Molecular Neurobiology, 2020, 57, 4322-4344.	1.9	12
26	P2X7 Receptor-Dependent microRNA Expression Profile in the Brain Following Status Epilepticus in Mice. Frontiers in Molecular Neuroscience, 2020, 13, 127.	1.4	6
27	Genetic deletion of microRNA-22 blunts the inflammatory transcriptional response to status epilepticus and exacerbates epilepsy in mice. Molecular Brain, 2020, 13, 114.	1.3	18
28	MicroRNAs as regulators of brain function and targets for treatment of epilepsy. Nature Reviews Neurology, 2020, 16, 506-519.	4.9	92
29	Generation of twelve induced pluripotent stem cell lines from two healthy controls and two patients with sporadic amyotrophic lateral sclerosis. Stem Cell Research, 2020, 44, 101752.	0.3	2
30	Polyadenylation of mRNA as a novel regulatory mechanism of gene expression in temporal lobe epilepsy. Brain, 2020, 143, 2139-2153.	3.7	11
31	A systems approach delivers a functional microRNA catalog and expanded targets for seizure suppression in temporal lobe epilepsy. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15977-15988.	3.3	41
32	Precise Targeting of miRNA Sites Restores CFTR Activity in CF Bronchial Epithelial Cells. Molecular Therapy, 2020, 28, 1190-1199.	3.7	39
33	Epilepsy Benchmarks Area III: Improved Treatment Options for Controlling Seizures and Epilepsy-Related Conditions Without Side Effects. Epilepsy Currents, 2020, 20, 23S-30S.	0.4	9
34	Genome-wide microRNA profiling of plasma from three different animal models identifies biomarkers of temporal lobe epilepsy. Neurobiology of Disease, 2020, 144, 105048.	2.1	35
35	Epigenetics explained: a topic â€œprimerâ€•for the epilepsy community by the ILAE Genetics/Epigenetics Task Force. Epileptic Disorders, 2020, 22, 127-141.	0.7	17
36	GABA Regulation of Burst Firing in Hippocampal Astrocyte Neural Circuit: A Biophysical Model. Frontiers in Cellular Neuroscience, 2019, 13, 335.	1.8	6

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37	Targeting microRNA-134 for seizure control and disease modification in epilepsy. EBioMedicine, 2019, 45, 646-654.	2.7	34
38	The Anti-inflammatory Compound Candesartan Cilexetil Improves Neurological Outcomes in a Mouse Model of Neonatal Hypoxia. Frontiers in Immunology, 2019, 10, 1752.	2.2	16
39	Proteins and microRNAs are differentially expressed in tear fluid from patients with Alzheimerâ€™s disease. Scientific Reports, 2019, 9, 15437.	1.6	63
40	Generation of six induced pluripotent stem cell (iPSC) lines from two patients with amyotrophic lateral sclerosis (NUIGi043-A, NUIGi043-B, NUIGi043-C, NUIGi044-A, NUIGi044-B, NUIGi044-C). Stem Cell Research, 2019, 40, 101558.	0.3	4
41	Brain delivery of a virus to block seizures helps mice get a silent NACHT. EBioMedicine, 2019, 47, 8-9.	2.7	0
42	Advancing research toward faster diagnosis, better treatment, and end of stigma in epilepsy. Epilepsia, 2019, 60, 1281-1292.	2.6	17
43	Electrical stimulation of the ventral hippocampal commissure delays experimental epilepsy and is associated with altered microRNA expression. Brain Stimulation, 2019, 12, 1390-1401.	0.7	10
44	MicroRNAs as biomarkers and treatment targets in status epilepticus. Epilepsy and Behavior, 2019, 101, 106272.	0.9	16
45	Antagonizing Increased <i>miR-135a</i> Levels at the Chronic Stage of Experimental TLE Reduces Spontaneous Recurrent Seizures. Journal of Neuroscience, 2019, 39, 5064-5079.	1.7	28
46	Context-Specific Switch from Anti- to Pro-epileptogenic Function of the P2Y₁ Receptor in Experimental Epilepsy. Journal of Neuroscience, 2019, 39, 5377-5392.	1.7	37
47	Building a supportive framework for brain research in Ireland: Inaugural position paper of the Irish Brain Council. European Journal of Neuroscience, 2019, 49, 1362-1370.	1.2	0
48	Elevated Plasma microRNA-206 Levels Predict Cognitive Decline and Progression to Dementia from Mild Cognitive Impairment. Biomolecules, 2019, 9, 734.	1.8	41
49	Altered Biogenesis and MicroRNA Content of Hippocampal Exosomes Following Experimental Status Epilepticus. Frontiers in Neuroscience, 2019, 13, 1404.	1.4	27
50	Elevation of plasma tRNA fragments precedes seizures in human epilepsy. Journal of Clinical Investigation, 2019, 129, 2946-2951.	3.9	71
51	The Epigenetics of Epilepsy and Its Progression. Neuroscientist, 2018, 24, 186-200.	2.6	91
52	Deletion of the BH3-only protein Noxa alters electrographic seizures but does not protect against hippocampal damage after status epilepticus in mice. Cell Death and Disease, 2018, 8, e2556-e2556.	2.7	2
53	microRNAs in the pathophysiology of epilepsy. Neuroscience Letters, 2018, 667, 47-52.	1.0	46
54	Could miR-134 be a marker of ionizing radiation toxicity?. Non-coding RNA Investigation, 2018, 2, 24-24.	0.6	0

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55	Dual-center, dual-platform microRNA profiling identifies potential plasma biomarkers of adult temporal lobe epilepsy. EBioMedicine, 2018, 38, 127-141.	2.7	88
56	MicroRNA-22 Controls Aberrant Neurogenesis and Changes in Neuronal Morphology After Status Epilepticus. Frontiers in Molecular Neuroscience, 2018, 11, 442.	1.4	26
57	RNA-sequencing analysis of umbilical cord plasma microRNAs from healthy newborns. PLoS ONE, 2018, 13, e0207952.	1.1	8
58	Bi-directional genetic modulation of GSK-3Î² exacerbates hippocampal neuropathology in experimental status epilepticus. Cell Death and Disease, 2018, 9, 969.	2.7	32
59	Discovery and validation of blood micro<scp>RNA</scp>s as molecular biomarkers of epilepsy: Ways to close current knowledge gaps. Epilepsia Open, 2018, 3, 427-436.	1.3	32
60	Epigenetic changes in status epilepticus. Epilepsia, 2018, 59, 82-86.	2.6	11
61	Complex spectrum of phenobarbital effects in a mouse model of neonatal hypoxia-induced seizures. Scientific Reports, 2018, 8, 9986.	1.6	28
62	Haploinsufficient TNAP Mice Display Decreased Extracellular ATP Levels and Expression of Pannexin-1 Channels. Frontiers in Pharmacology, 2018, 9, 170.	1.6	14
63	Spared <scp>CA</scp>1 pyramidal neuron function and hippocampal performance following antisense knockdown of micro<scp>RNA</scp>â€•134. Epilepsia, 2018, 59, 1518-1526.	2.6	17
64	Systemic delivery of selective EP1 and EP3 receptor antagonists attenuates pentylenetetrazole-induced seizures in mice. International Journal of Physiology, Pathophysiology and Pharmacology, 2018, 10, 47-59.	0.8	4
65	Profiling of Argonaute-2-loaded microRNAs in a mouse model of frontotemporal dementia with parkinsonism-17. International Journal of Physiology, Pathophysiology and Pharmacology, 2018, 10, 172-183.	0.8	2
66	RNA sequencing of synaptic and cytoplasmic Upf1-bound transcripts supports contribution of nonsense-mediated decay to epileptogenesis. Scientific Reports, 2017, 7, 41517.	1.6	16
67	Effects of P2X7 receptor antagonists on hypoxia-induced neonatal seizures in mice. Neuropharmacology, 2017, 116, 351-363.	2.0	44
68	Spatiotemporal progression of ubiquitin-proteasome system inhibition after status epilepticus suggests protective adaptation against hippocampal injury. Molecular Neurodegeneration, 2017, 12, 21.	4.4	23
69	Proteomic Analysis After Status Epilepticus Identifies UCHL1 as Protective Against Hippocampal Injury. Neurochemical Research, 2017, 42, 2033-2054.	1.6	7
70	A microRNAâ€•129â€•5p/Rbfox crosstalk coordinates homeostatic downscaling of excitatory synapses. EMBO Journal, 2017, 36, 1770-1787.	3.5	85
71	Cerebrospinal fluid microRNAs are potential biomarkers of temporal lobe epilepsy and status epilepticus. Scientific Reports, 2017, 7, 3328.	1.6	93
72	â€œTORNADOâ€•â€" Theranostic One-Step RNA Detector; microfluidic disc for the direct detection of microRNA-134 in plasma and cerebrospinal fluid. Scientific Reports, 2017, 7, 1750.	1.6	53

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73	Potent Anti-seizure Effects of Locked Nucleic Acid Antagomirs Targeting miR-134 in Multiple Mouse and Rat Models of Epilepsy. Molecular Therapy - Nucleic Acids, 2017, 6, 45-56.	2.3	62
74	Dysregulation of Specialized Delay/Interference-Dependent Working Memory Following Loss of Dysbindin-1A in Schizophrenia-Related Phenotypes. Neuropsychopharmacology, 2017, 42, 1349-1360.	2.8	17
75	Neuroinflammatory targets and treatments for epilepsy validated in experimental models. Epilepsia, 2017, 58, 27-38.	2.6	131
76	Expression and function of the metabotropic purinergic P2Y receptor family in experimental seizure models and patients with drugâ€refractory epilepsy. Epilepsia, 2017, 58, 1603-1614.	2.6	51
77	Detection of MicroRNAs in Brain Slices Using In Situ Hybridization. Methods in Molecular Biology, 2017, 1509, 85-91.	0.4	2
78	A calcium-sensitive feed-forward loop regulating the expression of the ATP-gated purinergic P2X7 receptor via specificity protein 1 and microRNA-22. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 255-266.	1.9	31
79	miRNA-Mediated Regulation of Adult Hippocampal Neurogenesis; Implications for Epilepsy. Brain Plasticity, 2017, 3, 43-59.	1.9	33
80	Poststatus Epilepticus Models: Focal Kainic Acid. , 2017, , 611-624.		13
81	Focally Applied Chemoconvulsants. , 2017, , 513-527.		0
82	Manipulating MicroRNAs in Murine Models: Targeting the Multi-Targeting in Epilepsy. Epilepsy Currents, 2017, 17, 43-47.	0.4	17
83	Targeting the proteasome in epilepsy. Oncotarget, 2017, 8, 45042-45043.	0.8	3
84	Tubby-like protein 1 (Tulp1) is a target of microRNA-134 and is down-regulated in experimental epilepsy. International Journal of Physiology, Pathophysiology and Pharmacology, 2017, 9, 178-187.	0.8	6
85	Neurodevelopmental alterations and seizures developed by mouse model of infantile hypophosphatasia are associated with purinergic signalling deregulation. Human Molecular Genetics, 2016, 25, 4143-4156.	1.4	54
86	Bok Is Not Pro-Apoptotic But Suppresses Poly ADP-Ribose Polymerase-Dependent Cell Death Pathways and Protects against Excitotoxic and Seizure-Induced Neuronal Injury. Journal of Neuroscience, 2016, 36, 4564-4578.	1.7	47
87	MicroRNA-Mediated Downregulation of the Potassium Channel Kv4.2 Contributes to Seizure Onset. Cell Reports, 2016, 17, 37-45.	2.9	71
88	MicroRNAs in epilepsy: pathophysiology and clinical utility. Lancet Neurology, The, 2016, 15, 1368-1376.	4.9	200
89	Distinct behavioral and epileptic phenotype differences in 129/P mice compared to C57BL/6 mice subject to intraamygdala kainic acid-induced status epilepticus. Epilepsy and Behavior, 2016, 64, 186-194.	0.9	6
90	Transient P2X7 Receptor Antagonism Produces Lasting Reductions in Spontaneous Seizures and Gliosis in Experimental Temporal Lobe Epilepsy. Journal of Neuroscience, 2016, 36, 5920-5932.	1.7	127

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91	Involvement of micro<scp>RNA</scp>s in epileptogenesis. Epilepsia, 2016, 57, 1015-1026.	2.6	47
92	ATPergic signalling during seizures and epilepsy. Neuropharmacology, 2016, 104, 140-153.	2.0	86
93	EpimiRBase: a comprehensive database of microRNA-epilepsy associations. Bioinformatics, 2016, 32, 1436-1438.	1.8	48
94	Critical Evaluation of P2X7 Receptor Antagonists in Selected Seizure Models. PLoS ONE, 2016, 11, e0156468.	1.1	57
95	microRNA targeting of the P2X7 purinoceptor opposes a contralateral epileptogenic focus in the hippocampus. Scientific Reports, 2015, 5, 17486.	1.6	98
96	Transcriptional Response of Polycomb Group Genes to Status Epilepticus in Mice is Modified by Prior Exposure to Epileptic Preconditioning. Frontiers in Neurology, 2015, 6, 46.	1.1	16
97	microRNA and Epilepsy. Advances in Experimental Medicine and Biology, 2015, 888, 41-70.	0.8	52
98	Direct, non-amplified detection of microRNA-134 in plasma from epilepsy patients. RSC Advances, 2015, 5, 90071-90078.	1.7	15
99	Bax Regulates Neuronal Ca²⁺Homeostasis. Journal of Neuroscience, 2015, 35, 1706-1722.	1.7	52
100	Differential DNA methylation profiles of coding and non-coding genes define hippocampal sclerosis in human temporal lobe epilepsy. Brain, 2015, 138, 616-631.	3.7	140
101	Overexpression of 14-3-3Î¶ Increases Brain Levels of C/EBP Homologous Protein CHOP. Journal of Molecular Neuroscience, 2015, 56, 255-262.	1.1	4
102	Effects of hypoxia-induced neonatal seizures on acute hippocampal injury and later-life seizure susceptibility and anxiety-related behavior in mice. Neurobiology of Disease, 2015, 83, 100-114.	2.1	52
103	Epigenetics and Epilepsy. Cold Spring Harbor Perspectives in Medicine, 2015, 5, a022731.	2.9	68
104	Comparison of short-term effects of midazolam and lorazepam in the intra-amygdala kainic acid model of status epilepticus in mice. Epilepsy and Behavior, 2015, 51, 191-198.	0.9	15
105	P2X purinoceptors as a link between hyperexcitability and neuroinflammation in status epilepticus. Epilepsy and Behavior, 2015, 49, 8-12.	0.9	42
106	Antagomirs targeting microRNA-134 increase hippocampal pyramidal neuron spine volume in vivo and protect against pilocarpine-induced status epilepticus. Brain Structure and Function, 2015, 220, 2387-2399.	1.2	101
107	High Throughput qPCR Expression Profiling of Circulating MicroRNAs Reveals Minimal Sex- and Sample Timing-Related Variation in Plasma of Healthy Volunteers. PLoS ONE, 2015, 10, e0145316.	1.1	29
108	MicroRNA and epilepsy. Current Opinion in Neurology, 2014, 27, 199-205.	1.8	109

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109	Hsp27 binding to the 3â€²UTR of<i>bim</i>mRNA prevents neuronal death during oxidative stressâ€“induced injury: a novel cytoprotective mechanism. Molecular Biology of the Cell, 2014, 25, 3413-3423.	0.9	16
110	P2X7 Receptor Inhibition Interrupts the Progression of Seizures in Immature Rats and Reduces Hippocampal Damage. CNS Neuroscience and Therapeutics, 2014, 20, 556-564.	1.9	58
111	Increased Expression of MicroRNA-29a in ALS Mice: Functional Analysis of Its Inhibition. Journal of Molecular Neuroscience, 2014, 53, 231-241.	1.1	56
112	Neurogenic function in rats with unilateral hippocampal sclerosis that experienced early-life status epilepticus. International Journal of Physiology, Pathophysiology and Pharmacology, 2014, 6, 199-208.	0.8	1
113	Investigating Gene Promoter Methylation in a Mouse Model of Status Epilepticus. Methods in Molecular Biology, 2013, 1067, 87-101.	0.4	2
114	Antagomirs and micro<scp>RNA</scp> in status epilepticus. Epilepsia, 2013, 54, 17-19.	2.6	23
115	Mitochondrial localization of the Forkhead box class O transcription factor <scp>FOXO</scp>3a in brain. Journal of Neurochemistry, 2013, 124, 749-756.	2.1	21
116	Spatio-temporally restricted bloodâ€“brain barrier disruption after intra-amygdala kainic acid-induced status epilepticus in mice. Epilepsy Research, 2013, 103, 167-179.	0.8	35
117	Kainic Acid-Induced Seizures Modulate Akt (SER473) Phosphorylation in the Hippocampus of Dopamine D2 Receptor Knockout Mice. Journal of Molecular Neuroscience, 2013, 49, 202-210.	1.1	35
118	Epilepsy and microRNA. Neuroscience, 2013, 238, 218-229.	1.1	103
119	CHOP regulates the p53â€“MDM2 axis and is required for neuronal survival after seizures. Brain, 2013, 136, 577-592.	3.7	95
120	Protective neuronal induction of ATF5 in endoplasmic reticulum stress induced by status epilepticus. Brain, 2013, 136, 1161-1176.	3.7	49
121	MicroRNAs in the pathophysiology and treatment of status epilepticus. Frontiers in Molecular Neuroscience, 2013, 6, 37.	1.4	55
122	Increased neocortical expression of the <scp>P</scp>2X7 receptor after status epilepticus and anticonvulsant effect of <scp>P</scp>2X7 receptor antagonist <scp>A</scp>â€438079. Epilepsia, 2013, 54, 1551-1561.	2.6	130
123	Contribution of apoptosis-associated signaling pathways to epileptogenesis: lessons from Bcl-2 family knockouts. Frontiers in Cellular Neuroscience, 2013, 7, 110.	1.8	54
124	P2X receptors as targets for the treatment of status epilepticus. Frontiers in Cellular Neuroscience, 2013, 7, 237.	1.8	45
125	Transgenic Overexpression of 14-3-3 Zeta Protects Hippocampus against Endoplasmic Reticulum Stress and Status Epilepticus In Vivo. PLoS ONE, 2013, 8, e54491.	1.1	44
126	Preconditioning for Epilepsy. , 2013, , 521-539.		0

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127	Differential DNA Methylation Patterns Define Status Epilepticus and Epileptic Tolerance. Journal of Neuroscience, 2012, 32, 1577-1588.	1.7	102
128	IgG Leakage May Contribute to Neuronal Dysfunction in Drug-Refractory Epilepsies With Blood-Brain Barrier Disruption. Journal of Neuropathology and Experimental Neurology, 2012, 71, 826-838.	0.9	60
129	Silencing microRNA-134 produces neuroprotective and prolonged seizure-suppressive effects. Nature Medicine, 2012, 18, 1087-1094.	15.2	423
130	Expression profiling the microRNA response to epileptic preconditioning identifies miR-184 as a modulator of seizure-induced neuronal death. Experimental Neurology, 2012, 237, 346-354.	2.0	81
131	Seizure suppression and neuroprotection by targeting the purinergic P2X7 receptor during status epilepticus in mice. FASEB Journal, 2012, 26, 1616-1628.	0.2	173
132	Elevated serum Bcl-2 in children with temporal lobe epilepsy. Seizure: the Journal of the British Epilepsy Association, 2012, 21, 250-253.	0.9	16
133	Can Genes Modify Stroke Outcome and By What Mechanisms?. Stroke, 2012, 43, 286-291.	1.0	15
134	Bi-lateral changes to hippocampal cholesterol levels during epileptogenesis and in chronic epilepsy following focal-onset status epilepticus in mice. Brain Research, 2012, 1480, 81-90.	1.1	23
135	Cell Death and Survival Mechanisms after Single and Repeated Brief Seizures. , 2012, , 362-376.		10
136	Reduced Mature MicroRNA Levels in Association with Dicer Loss in Human Temporal Lobe Epilepsy with Hippocampal Sclerosis. PLoS ONE, 2012, 7, e35921.	1.1	121
137	Proteomic analysis of 14-3-3 zeta binding proteins in the mouse hippocampus. International Journal of Physiology, Pathophysiology and Pharmacology, 2012, 4, 74-83.	0.8	11
138	P2X7 receptor in epilepsy; role in pathophysiology and potential targeting for seizure control. International Journal of Physiology, Pathophysiology and Pharmacology, 2012, 4, 174-87.	0.8	36
139	miRNA Expression Profile after Status Epilepticus and Hippocampal Neuroprotection by Targeting miR-132. American Journal of Pathology, 2011, 179, 2519-2532.	1.9	194
140	Convulsant Doses of a Dopamine D1 Receptor Agonist Result in Erk-Dependent Increases in Zif268 and Arc/Arg3.1 Expression in Mouse Dentate Gyrus. PLoS ONE, 2011, 6, e19415.	1.1	63
141	Cell Signaling Underlying Epileptic Behavior. Frontiers in Behavioral Neuroscience, 2011, 5, 45.	1.0	68
142	Bclâ€2 homology domain 3â€only proteins Puma and Bim mediate the vulnerability of CA1 hippocampal neurons to proteasome inhibition <i>inâ€ƒvivo</i>. European Journal of Neuroscience, 2011, 33, 401-408.	1.2	19
143	<i>In vivo</i>Contributions of BH3-Only Proteins to Neuronal Death Following Seizures, Ischemia, and Traumatic Brain Injury. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 1196-1210.	2.4	61
144	Identification of a Novel Bcl-2-interacting Mediator of Cell Death (Bim) E3 Ligase, Tripartite Motif-containing Protein 2 (TRIM2), and Its Role in Rapid Ischemic Tolerance-induced Neuroprotection. Journal of Biological Chemistry, 2011, 286, 19331-19339.	1.6	47

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145	Mutation of Semaphorin-6A Disrupts Limbic and Cortical Connectivity and Models Neurodevelopmental Psychopathology. PLoS ONE, 2011, 6, e26488.	1.1	40
146	Expression of neurogenesis genes in human temporal lobe epilepsy with hippocampal sclerosis. International Journal of Physiology, Pathophysiology and Pharmacology, 2011, 3, 38-47.	0.8	13
147	Suppression of TNF receptor-1 signaling in an in vitro model of epileptic tolerance. International Journal of Physiology, Pathophysiology and Pharmacology, 2011, 3, 120-32.	0.8	5
148	Hippocampal damage after intra-amygdala kainic acid-induced status epilepticus and seizure preconditioning-mediated neuroprotection in SJL mice. Epilepsy Research, 2010, 88, 151-161.	0.8	24
149	BH3â€‘only protein Bid is dispensable for seizureâ€‘induced neuronal death and the associated nuclear accumulation of apoptosisâ€‘inducing factor. Journal of Neurochemistry, 2010, 115, 92-101.	2.1	24
150	Reduced hippocampal damage and epileptic seizures after <i>status epilepticus</i> in mice lacking proapoptotic Puma. FASEB Journal, 2010, 24, 853-861.	0.2	65
151	Experimental Neonatal Status Epilepticus and the Development of Temporal Lobe Epilepsy with Unilateral Hippocampal Sclerosis. American Journal of Pathology, 2010, 176, 330-342.	1.9	40
152	Electroencephalographic and behavioral convulsant effects of hydrobromide and hydrochloride salts of bupropion in conscious rodents. Neuropsychiatric Disease and Treatment, 2009, 5, 189.	1.0	5
153	Effects of transient focal cerebral ischemia in mice deficient in puma. Neuroscience Letters, 2009, 451, 237-240.	1.0	16
154	Apoptosis, Bcl-2 family proteins and caspases: the ABCs of seizure-damage and epileptogenesis?. International Journal of Physiology, Pathophysiology and Pharmacology, 2009, 1, 97-115.	0.8	54
155	Seizure preconditioning and epileptic tolerance: models and mechanisms. International Journal of Physiology, Pathophysiology and Pharmacology, 2009, 1, 180-191.	0.8	23
156	NMDA receptorâ€‘mediated excitotoxic neuronal apoptosis <i>in vitro</i> and <i>in vivo</i> occurs in an ER stress and PUMA independent manner. Journal of Neurochemistry, 2008, 105, 891-903.	2.1	47
157	Depletion of 14â€‘3â€‘3 zeta elicits endoplasmic reticulum stress and cell death, and increases vulnerability to kainateâ€‘induced injury in mouse hippocampal cultures. Journal of Neurochemistry, 2008, 106, 978-988.	2.1	38
158	Unilateral hippocampal CA3-predominant damage and short latency epileptogenesis after intra-amygdala microinjection of kainic acid in mice. Brain Research, 2008, 1213, 140-151.	1.1	137
159	Hippocampal transcriptome after status epilepticus in mice rendered seizure damage-tolerant by epileptic preconditioning features suppressed calcium and neuronal excitability pathways. Neurobiology of Disease, 2008, 32, 442-453.	2.1	68
160	Dopamine D1 vs D5 receptor-dependent induction of seizures in relation to DARPP-32, ERK1/2 and GluR1-AMPA signalling. Neuropharmacology, 2008, 54, 1051-1061.	2.0	45
161	Modulators of neuronal cell death in epilepsy. Current Opinion in Pharmacology, 2008, 8, 75-81.	1.7	50
162	Detection of 14-3-3Î¶ in cerebrospinal fluid following experimentally evoked seizures. Biomarkers, 2008, 13, 377-384.	0.9	12

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163	Microarray profile of seizure damage-refractory hippocampal CA3 in a mouse model of epileptic preconditioning. Neuroscience, 2007, 150, 467-477.	1.1	45
164	Bcl-w Protects Hippocampus during Experimental Status Epilepticus. American Journal of Pathology, 2007, 171, 1258-1268.	1.9	52
165	Elevated p53 and lower MDM2 expression in hippocampus from patients with intractable temporal lobe epilepsy. Epilepsy Research, 2007, 77, 151-156.	0.8	34
166	Endotoxin Preconditioning Protects against the Cytotoxic Effects of TNFÎ± after Stroke: A Novel Role for TNFÎ± in LPS-Ischemic Tolerance. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 1663-1674.	2.4	142
167	Evidence of tumor necrosis factor receptor 1 signaling in human temporal lobe epilepsy. Experimental Neurology, 2006, 202, 410-420.	2.0	39
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