

Michael V Johnston

List of Publications by Year in descending order

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149
papers

11,437
citations

30070

54
h-index

29157

104
g-index

152
all docs

152
docs citations

152
times ranked

8274
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammatory profile in a canine model of hypothermic circulatory arrest. <i>Journal of Surgical Research</i> , 2021, 264, 260-273.	1.6	4
2	Co-Occurrence of Neurodevelopmental Disorders in Pediatric Sickle Cell Disease. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2021, 42, 463-471.	1.1	8
3	A conceptual framework for plasticity in the developing brain. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2020, 173, 57-66.	1.8	1
4	<i>SYNGAP1</i> mutations: Clinical, genetic, and pathophysiological features. <i>International Journal of Developmental Neuroscience</i> , 2019, 78, 65-76.	1.6	34
5	Characterization of the Basal Ganglia Using Diffusion Tensor Imaging in Children with Self-Harmful Behavior and Tuberous Sclerosis Complex. <i>Journal of Neuroimaging</i> , 2019, 29, 506-511.	2.0	5
6	Altered trajectories of neurodevelopment and behavior in mouse models of Rett syndrome. <i>Neurobiology of Learning and Memory</i> , 2019, 165, 106962.	1.9	9
7	Early Detection of Hypothermic Neuroprotection Using T2-Weighted Magnetic Resonance Imaging in a Mouse Model of Hypoxic Ischemic Encephalopathy. <i>Frontiers in Neurology</i> , 2018, 9, 304.	2.4	10
8	Are dopamine receptor and transporter changes in Rett syndrome reflected in <i>Mecp2</i> -deficient mice?. <i>Experimental Neurology</i> , 2018, 307, 74-81.	4.1	15
9	Correlating Oxygen Delivery During Cardiopulmonary Bypass With the Neurologic Injury Biomarker Ubiquitin C-Terminal Hydrolase L1 (UCH-L1). <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 2485-2492.	1.3	12
10	Generation-6 hydroxyl PAMAM dendrimers improve CNS penetration from intravenous administration in a large animal brain injury model. <i>Journal of Controlled Release</i> , 2017, 249, 173-182.	9.9	67
11	Randomized open-label trial of dextromethorphan in Rett syndrome. <i>Neurology</i> , 2017, 89, 1684-1690.	1.1	36
12	Uptake of dendrimer-drug by different cell types in the hippocampus after hypoxic-ischemic insult in neonatal mice: Effects of injury, microglial activation and hypothermia. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2359-2369.	3.3	45
13	Cerebral plasticity: Windows of opportunity in the developing brain. <i>European Journal of Paediatric Neurology</i> , 2017, 21, 23-48.	1.6	329
14	Umbilical Cord Blood NOS1 as a Potential Biomarker of Neonatal Encephalopathy. <i>Frontiers in Pediatrics</i> , 2017, 5, 112.	1.9	0
15	New insights into the pathogenesis and prevention of tuberous sclerosis-associated neuropsychiatric disorders (TAND). <i>F1000Research</i> , 2017, 6, 859.	1.6	9
16	Evidence for a mechanism to lower glutamate levels in fetal hypoxia-ischemia caused by asphyxia. <i>Developmental Medicine and Child Neurology</i> , 2016, 58, 9-10.	2.1	0
17	Glial-Restricted Precursors Protect Neonatal Brain Slices from Hypoxic-Ischemic Cell Death Without Direct Tissue Contact. <i>Stem Cells and Development</i> , 2016, 25, 975-985.	2.1	7
18	Peri-Implantation Hormonal Milieu: Elucidating Mechanisms of Adverse Neurodevelopmental Outcomes. <i>Reproductive Sciences</i> , 2016, 23, 785-794.	2.5	23

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19	Nanotechnology Approaches to Targeting Inflammation and Excitotoxicity in a Canine Model of Hypothermic Circulatory Arrest-Induced Brain Injury. <i>Annals of Thoracic Surgery</i> , 2016, 102, 743-750.	1.3	14
20	A pilot cohort study of cerebral autoregulation and 2-year neurodevelopmental outcomes in neonates with hypoxic-ischemic encephalopathy who received therapeutic hypothermia. <i>BMC Neurology</i> , 2015, 15, 209.	1.8	67
21	Age- and sex-dependent susceptibility to phenobarbital-resistant neonatal seizures: role of chloride co-transporters. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 173.	3.7	47
22	Heightened Delta Power during Slow-Wave-Sleep in Patients with Rett Syndrome Associated with Poor Sleep Efficiency. <i>PLoS ONE</i> , 2015, 10, e0138113.	2.5	29
23	Recent advances in understanding synaptic abnormalities in Rett syndrome. <i>F1000Research</i> , 2015, 4, 1490.	1.6	20
24	Murine model: maternal administration of stem cells for prevention of prematurity. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, 639.e1-639.e10.	1.3	24
25	Ongoing Cerebral Vasculitis During Treatment of Rocky Mountain Spotted Fever. <i>Pediatric Neurology</i> , 2015, 53, 434-438.	2.1	8
26	Risk Factors for Attention and Behavioral Issues in Pediatric Sickle Cell Disease. <i>Clinical Pediatrics</i> , 2015, 54, 1087-1093.	0.8	15
27	Autism Phenotypes in Tuberous Sclerosis Complex. <i>Journal of Child Neurology</i> , 2015, 30, 1871-1876.	1.4	6
28	A Diagnostic Approach for Cerebral Palsy in the Genomic Era. <i>NeuroMolecular Medicine</i> , 2014, 16, 821-844.	3.4	89
29	Brain Injury in Canine Models of Cardiac Surgery. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 1134-1143.	1.7	8
30	Cognitive and Functional Impairment Associated With Care in the PICU*. <i>Pediatric Critical Care Medicine</i> , 2014, 15, 676-677.	0.5	2
31	Subthalamic nucleus involvement in children: A neuroimaging pattern-recognition approach. <i>European Journal of Paediatric Neurology</i> , 2014, 18, 249-256.	1.6	7
32	Perinatal biomarkers in prematurity: Early identification of neurologic injury. <i>International Journal of Developmental Neuroscience</i> , 2014, 36, 25-31.	1.6	8
33	Early Neurodevelopmental Screening in Tuberous Sclerosis Complex: A Potential Window of Opportunity. <i>Pediatric Neurology</i> , 2014, 51, 398-402.	2.1	7
34	Mouse model of intrauterine inflammation: Sex-specific differences in long-term neurologic and immune sequelae. <i>Brain, Behavior, and Immunity</i> , 2014, 38, 142-150.	4.1	74
35	Temporal- and Location-Specific Alterations of the GABA Recycling System in Mecp2 KO Mouse Brains. <i>Journal of Central Nervous System Disease</i> , 2014, 6, JCNSD.S14012.	1.9	10
36	Everolimus and intensive behavioral therapy in an adolescent with tuberous sclerosis complex and severe behavior. <i>Epilepsy & Behavior Case Reports</i> , 2013, 1, 122-125.	1.5	11

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37	Cost-effective therapeutic hypothermia treatment device for hypoxic ischemic encephalopathy. <i>Medical Devices: Evidence and Research</i> , 2013, 6, 1.	0.8	15
38	Ischemia-Induced Neuroinflammation Is Associated with Disrupted Development of Oligodendrocyte Progenitors in a Model of Periventricular Leukomalacia. <i>Developmental Neuroscience</i> , 2013, 35, 182-196.	2.0	58
39	Nanomedicine in cerebral palsy. <i>International Journal of Nanomedicine</i> , 2013, 8, 4183.	6.7	23
40	“Hot spots” in the brain. <i>Critical Care Medicine</i> , 2012, 40, 1996-1997.	0.9	0
41	Derivation of Glial Restricted Precursors from E13 mice. <i>Journal of Visualized Experiments</i> , 2012, , .	0.3	17
42	Sex-Specific Activation of Cell Death Signalling Pathways in Cerebellar Granule Neurons Exposed to Oxygen Glucose Deprivation Followed by Reoxygenation. <i>ASN Neuro</i> , 2011, 3, AN20100032.	2.7	40
43	In vivo Magnetization Transfer MRI Shows Dysmyelination in an Ischemic Mouse Model of Periventricular Leukomalacia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 2009-2018.	4.3	20
44	Education of a Child Neurologist: Developmental Neuroscience Relevant to Child Neurology. <i>Seminars in Pediatric Neurology</i> , 2011, 18, 133-138.	2.0	5
45	Treatment advances in neonatal neuroprotection and neurointensive care. <i>Lancet Neurology</i> , The, 2011, 10, 372-382.	10.2	247
46	Different effects of high- and low-dose phenobarbital on post-stroke seizure suppression and recovery in immature CD1 mice. <i>Epilepsy Research</i> , 2011, 94, 138-148.	1.6	23
47	Encephalopathies. , 2011, , 2061-2069.e1.		18
48	Development of Neurotransmitters. , 2011, , 1774-1782.		0
49	Plasticity and injury in the developing brain. <i>Brain and Development</i> , 2009, 31, 1-10.	1.1	177
50	Plasticity in the developing brain: Implications for rehabilitation. <i>Developmental Disabilities Research Reviews</i> , 2009, 15, 94-101.	2.9	445
51	Vulnerability of preterm males to adverse obstetric factors. <i>Developmental Medicine and Child Neurology</i> , 2009, 51, 496-497.	2.1	3
52	Sensory and motor deficits in children with cerebral palsy born preterm correlate with diffusion tensor imaging abnormalities in thalamocortical pathways. <i>Developmental Medicine and Child Neurology</i> , 2009, 51, 697-704.	2.1	276
53	Impact of age and strain on ischemic brain injury and seizures after carotid ligation in immature mice. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 271-277.	1.6	19
54	Hypoxic-Ischemic Encephalopathy in the Term Infant. <i>Clinics in Perinatology</i> , 2009, 36, 835-858.	2.1	216

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55	Neural Stem Cells Reduce Brain Injury After Unilateral Carotid Ligation. <i>Pediatric Neurology</i> , 2008, 38, 86-92.	2.1	33
56	Gabapentin Neuroprotection and Seizure Suppression in Immature Mouse Brain Ischemia. <i>Pediatric Research</i> , 2008, 64, 81-85.	2.3	40
57	Serotonin Dysfunction in Autism. , 2008, , 111-132.		1
58	Sex and the pathogenesis of cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2007, 49, 74-78.	2.1	240
59	Global Gene Expression in the Developing Rat Brain After Hypoxic Preconditioning: Involvement of Apoptotic Mechanisms?. <i>Pediatric Research</i> , 2007, 61, 444-450.	2.3	45
60	Dextromethorphan protects male but not female mice with brain ischemia. <i>NeuroReport</i> , 2006, 17, 1319-1322.	1.2	17
61	Cerebral Palsy. <i>NeuroMolecular Medicine</i> , 2006, 8, 435-450.	3.4	57
62	Development, Structure, and Function of the Brain and Neuromuscular Systems. , 2006, , 767-779.		2
63	Immature Mouse Unilateral Carotid Ligation Model of Stroke. <i>Journal of Child Neurology</i> , 2005, 20, 980-983.	1.4	11
64	Rett Syndrome and Neuronal Development. <i>Journal of Child Neurology</i> , 2005, 20, 759-763.	1.4	40
65	Strain Variability, Injury Distribution, and Seizure Onset in a Mouse Model of Stroke in the Immature Brain. <i>Developmental Neuroscience</i> , 2005, 27, 127-133.	2.0	17
66	Models of Cerebral Palsy. <i>Journal of Child Neurology</i> , 2005, 20, 984-987.	1.4	58
67	Excitotoxicity in Perinatal Brain Injury. <i>Brain Pathology</i> , 2005, 15, 234-240.	4.1	235
68	PARP α gene disruption in mice preferentially protects males from perinatal brain injury. <i>Journal of Neurochemistry</i> , 2004, 90, 1068-1075.	3.9	266
69	Clinical disorders of brain plasticity. <i>Brain and Development</i> , 2004, 26, 73-80.	1.1	222
70	Minocycline worsens hypoxic-ischemic brain injury in a neonatal mouse model. <i>Experimental Neurology</i> , 2004, 189, 58-65.	4.1	169
71	Development of Neurotransmitters. , 2004, , 1706-1713.		3
72	Learning, Memory, and Transcription Factors. <i>Pediatric Research</i> , 2003, 53, 369-374.	2.3	36

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73	Brain plasticity in paediatric neurology. <i>European Journal of Paediatric Neurology</i> , 2003, 7, 105-113.	1.6	46
74	Injury and plasticity in the developing brain. <i>Experimental Neurology</i> , 2003, 184, 37-41.	4.1	13
75	MRI for neonatal encephalopathy in full-term infants. <i>Lancet, The</i> , 2003, 361, 713-714.	13.7	21
76	Clinical Variability in Rett Syndrome. <i>Journal of Child Neurology</i> , 2003, 18, 662-668.	1.4	45
77	Neurobiology of Rett Syndrome. <i>Journal of Child Neurology</i> , 2003, 18, 688-692.	1.4	32
78	Protective effect of erythropoietin in neonatal hypoxic ischemia in mice. <i>NeuroReport</i> , 2003, 14, 1757-1761.	1.2	72
79	Mechanisms of Hypoxic Neurodegeneration in the Developing Brain. <i>Neuroscientist</i> , 2002, 8, 212-220.	3.5	121
80	Neonatal electrolytic lesions of the basal forebrain stunt plasticity in mouse barrel field cortex. <i>International Journal of Developmental Neuroscience</i> , 2002, 20, 481-489.	1.6	23
81	Delayed Increase in Neuronal Nitric Oxide Synthase Immunoreactivity in Thalamus and Other Brain Regions after Hypoxic-Ischemic Injury in Neonatal Rats. <i>Experimental Neurology</i> , 2001, 168, 323-333.	4.1	20
82	Prolonged suppression of brain nitric oxide synthase activity by 7-nitroindazole protects against cerebral hypoxic-ischemic injury in neonatal rat. <i>Brain and Development</i> , 2001, 23, 349-354.	1.1	58
83	Neurobiology of Rett syndrome: a genetic disorder of synapse development. <i>Brain and Development</i> , 2001, 23, S206-S213.	1.1	106
84	The Developing Nervous System: A Series of Review Articles: Neurobiology of Hypoxic-Ischemic Injury in the Developing Brain. <i>Pediatric Research</i> , 2001, 49, 735-741.	2.3	390
85	Developmental disorders of activity dependent neuronal plasticity. <i>Indian Journal of Pediatrics</i> , 2001, 68, 423-426.	0.8	8
86	Excitotoxicity in neonatal hypoxia. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 2001, 7, 229-234.	3.6	99
87	Apoptosis Has a Prolonged Role in the Neurodegeneration after Hypoxic Ischemia in the Newborn Rat. <i>Journal of Neuroscience</i> , 2000, 20, 7994-8004.	3.6	388
88	Hypoxic-ischemic encephalopathy. <i>Current Treatment Options in Neurology</i> , 2000, 2, 109-115.	1.8	8
89	Novel treatments after experimental brain injury. <i>Seminars in Fetal and Neonatal Medicine</i> , 2000, 5, 75-86.	2.7	53
90	Possible Mechanisms in Infants for Selective Basal Ganglia Damage From Asphyxia, Kernicterus, or Mitochondrial Encephalopathies. <i>Journal of Child Neurology</i> , 2000, 15, 588-591.	1.4	142

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91	Development of amino acid receptors in frontal cortex from girls with Rett syndrome. <i>Annals of Neurology</i> , 1999, 45, 541-545.	5.3	98
92	Altered Development of Glutamate and GABA Receptors in the Basal Ganglia of Girls with Rett Syndrome. <i>Experimental Neurology</i> , 1999, 156, 345-352.	4.1	112
93	Apoptosis Detection in Brain Using Low-Magnification Dark-Field Microscopy. <i>Experimental Neurology</i> , 1999, 158, 254-260.	4.1	13
94	Homozygous factorâ€œV mutation as a genetic cause of perinatal thrombosis and cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 1999, 41, 777-780.	2.1	2
95	Expression of NMDA receptor subunit mRNA after MK-801 treatment in neonatal rats. <i>Developmental Brain Research</i> , 1998, 109, 211-220.	1.7	34
96	Selective vulnerability in the neonatal brain. <i>Annals of Neurology</i> , 1998, 44, 155-156.	5.3	91
97	Developmental neurobiology: New concepts in learning, memory, and neuronal development. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 1998, 4, 20-25.	3.6	4
98	Effects of neonatal cholinergic basal forebrain lesions on excitatory amino acid receptors in neocortex. <i>International Journal of Developmental Neuroscience</i> , 1998, 16, 645-660.	1.6	11
99	Long-term use of high-dose benzoate and dextromethorphan for the treatment of nonketotic hyperglycinemia. <i>Journal of Pediatrics</i> , 1998, 132, 709-713.	1.8	99
100	Role of Glutamate Receptor-Mediated Excitotoxicity in Bilirubin-Induced Brain Injury in the Gunn Rat Model. <i>Experimental Neurology</i> , 1998, 150, 21-29.	4.1	108
101	Selective vulnerability of the developing brain to lead. <i>Current Opinion in Neurology</i> , 1998, 11, 689-693.	3.6	51
102	Brain magnetic resonance imaging in suspected extrapyramidal cerebral palsy: Observations in distinguishing genetic-metabolic from acquired causes. <i>Journal of Pediatrics</i> , 1997, 131, 240-245.	1.8	61
103	Hypoxic and ischemic disorders of infants and children. Lecture for 38th Meeting of Japanese Society of Child Neurology, Tokyo, Japan, July 1996. <i>Brain and Development</i> , 1997, 19, 235-239.	1.1	62
104	Brief post-hypoxic-ischemic hypothermia markedly delays neonatal brain injury. <i>Brain and Development</i> , 1997, 19, 326-338.	1.1	156
105	Hypoxic-ischemic Brain Injury in the Newborn. <i>Clinics in Perinatology</i> , 1997, 24, 627-654.	2.1	85
106	Ontogeny of non-NMDA glutamate receptors in rat barrel field cortex: I. metabotropic receptors. <i>Journal of Comparative Neurology</i> , 1997, 386, 16-28.	1.6	47
107	Ontogeny of non-NMDA glutamate receptors in rat barrel field cortex: II. ?-ampa and kainate receptors. , 1997, 386, 29-45.		29
108	Ontogeny of nonâ€œNMDA glutamate receptors in rat barrel field cortex: I. metabotropic receptors. <i>Journal of Comparative Neurology</i> , 1997, 386, 16-28.	1.6	1

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109	Developmental Aspects of Epileptogenesis. <i>Epilepsia</i> , 1996, 37, S2-9.	5.1	58
110	Ischemia and excitotoxins in development. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 1995, 1, 193-200.	3.6	13
111	Neurotransmitters and vulnerability of the developing brain. <i>Brain and Development</i> , 1995, 17, 301-306.	1.1	196
112	AMPA glutamate receptor antagonism reduces neurologic injury after hypothermic circulatory arrest. <i>Annals of Thoracic Surgery</i> , 1995, 59, 579-584.	1.3	39
113	The ontogeny of glutamate receptors in rat barrel field cortex. <i>Developmental Brain Research</i> , 1995, 84, 11-25.	1.7	35
114	Quinolate-induced injury is enhanced in developing rat brain. <i>Developmental Brain Research</i> , 1994, 83, 224-232.	1.7	32
115	Neuronal death in development, aging, and disease. <i>Neurobiology of Aging</i> , 1994, 15, 235-236.	3.1	6
116	RNA editing of a human glutamate receptor subunit. <i>Molecular Brain Research</i> , 1994, 22, 323-328.	2.3	24
117	Dexamethasone potentiates NMDA receptor-mediated neuronal injury in the postnatal rat. <i>European Journal of Pharmacology - Environmental Toxicology and Pharmacology Section</i> , 1994, 270, 105-113.	0.8	13
118	A reverse transcription-polymerase chain reaction study of p75 nerve growth factor receptor gene expression in developing rat cerebellum. <i>International Journal of Developmental Neuroscience</i> , 1994, 12, 255-262.	1.6	8
119	Dextromethorphan and high-dose benzoate therapy for nonketotic hyperglycinemia in an infant. <i>Journal of Pediatrics</i> , 1992, 121, 131-135.	1.8	84
120	Susceptibility of brain to AMPA induced excitotoxicity transiently peaks during early postnatal development. <i>Brain Research</i> , 1992, 583, 54-70.	2.2	99
121	Neuroprotective synergism of 2-amino-3-phosphonopropionate (d,l-AP3) and MK-801 against ibotenate induced brain injury. <i>Neuroscience Letters</i> , 1992, 145, 213-216.	2.1	14
122	Physiological and Pathophysiological Roles of Excitatory Amino Acids during Central Nervous System Development. , 1992, , 19-30.		2
123	N-Methyl-D-Aspartate-Mediated Injury Enhances Quisqualic Acid-Stimulated Phosphoinositide Turnover in Perinatal Rats. <i>Journal of Neurochemistry</i> , 1992, 59, 963-971.	3.9	6
124	The severity of excitotoxic brain injury is dependent on brain temperature in immature rat. <i>Neuroscience Letters</i> , 1991, 126, 83-86.	2.1	48
125	Excitotoxic Brain Injury Suppresses Striatal High-Affinity Glutamate Uptake in Perinatal Rats. <i>Journal of Neurochemistry</i> , 1991, 56, 933-937.	3.9	16
126	In Vitro and In Vivo Pharmacology of trans-and cis-(\hat{A} \pm)-1-Amino-1,3-Cyclopentanedicarboxylic Acid: Dissociation of Metabotropic and Ionotropic Excitatory Amino Acid Receptor Effects. <i>Journal of Neurochemistry</i> , 1991, 56, 1789-1796.	3.9	65

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127	Altered excitatory and inhibitory amino acid receptor binding in hippocampus of patients with temporal lobe epilepsy. <i>Annals of Neurology</i> , 1991, 29, 529-541.	5.3	217
128	Transient Hypoxia Alters Striatal Catecholamine Metabolism in Immature Brain: An In Vivo Microdialysis Study. <i>Journal of Neurochemistry</i> , 1990, 54, 605-611.	3.9	50
129	Pharmacology of N-methyl-D-aspartate-induced brain injury in an in vivo perinatal rat model. <i>Synapse</i> , 1990, 6, 179-188.	1.2	50
130	Nonketotic hyperglycinemia: Pathophysiological role of NMDA-type excitatory amino acid receptors. <i>Annals of Neurology</i> , 1990, 27, 449-450.	5.3	22
131	Magnesium reduces N- (NMDA)-mediated brain injury in perinatal rats. <i>Neuroscience Letters</i> , 1990, 109, 234-238.	2.1	183
132	Differential ontogenic development of three receptors comprising the NMDA receptor/channel complex in the rat hippocampus. <i>Experimental Neurology</i> , 1990, 110, 237-247.	4.1	172
133	The selective ionotropic-type quisqualate receptor agonist AMPA is a potent neurotoxin in immature rat brain. <i>Brain Research</i> , 1990, 526, 165-168.	2.2	35
134	Physiological and pathophysiological roles of excitatory amino acids during central nervous system development. <i>Brain Research Reviews</i> , 1990, 15, 41-70.	9.0	1,323
135	Effect of glycine and glycine receptor antagonists on NMDA-induced brain injury. <i>Neuroscience Letters</i> , 1989, 107, 279-283.	2.1	32
136	Neuroprotective effects of MK-801, TCP, PCP and CPP against N-methyl-d-aspartate induced neurotoxicity in an in vivo perinatal rat model. <i>Brain Research</i> , 1989, 490, 33-40.	2.2	85
137	Quantitative autoradiographic localization of NMDA, quisqualate and PCP receptors in the frog tectum. <i>Brain Research</i> , 1989, 482, 155-158.	2.2	42
138	Quantitative assessment of neuroprotection against NMDA-induced brain injury. <i>Experimental Neurology</i> , 1989, 106, 289-296.	4.1	95
139	HA-996 (1-hydroxy-3-aminopyrrolidone-2) selectively reduces (NMDA)-mediated brain damage. <i>Neuroscience Letters</i> , 1989, 104, 167-170.	2.1	29
140	Perinatal Hypoxic-Ischemic Brain Injury Enhances Quisqualic Acid-Stimulated Phosphoinositide Turnover. <i>Journal of Neurochemistry</i> , 1988, 51, 353-359.	3.9	72
141	Neurotoxicity of N-methyl-d-aspartate is markedly enhanced in developing rat central nervous system. <i>Brain Research</i> , 1988, 459, 200-203.	2.2	465
142	Glutamate recognition sites in human fetal brain. <i>Neuroscience Letters</i> , 1988, 84, 131-136.	2.1	63
143	Hypoxia-ischemia produces focal disruption of glutamate receptors in developing brain. <i>Developmental Brain Research</i> , 1987, 34, 33-39.	1.7	67
144	Effects of postnatal hypoxia-ischemia on cholinergic neurons in the developing rat forebrain: choline acetyltransferase immunocytochemistry. <i>Developmental Brain Research</i> , 1987, 34, 41-50.	1.7	47

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145	MK-801 protects the neonatal brain from hypoxic-ischemic damage. <i>European Journal of Pharmacology</i> , 1987, 140, 359-361.	3.5	244
146	The glutamate analogue quisqualic acid is neurotoxic in striatum and hippocampus of immature rat brain. <i>Neuroscience Letters</i> , 1986, 71, 13-18.	2.1	88
147	Perinatal Hypoxia-Ischemia Disrupts Striatal High-Affinity [3H]Glutamate Uptake into Synaptosomes. <i>Journal of Neurochemistry</i> , 1986, 47, 1614-1619.	3.9	168
148	Neurotransmitter alterations in a model of perinatal hypoxic-ischemic brain injury. <i>Annals of Neurology</i> , 1983, 13, 511-518.	5.3	154
149	Ontogeny of Neurochemical Markers for Noradrenergic, GABAergic and Cholinergic Neurons in Neocortex Lesioned with Methylazoxymethanol Acetate. <i>Journal of Neurochemistry</i> , 1980, 34, 1429-1441.	3.9	112