

Pierre Gressens

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2830362/pierre-gressens-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

416
papers

19,342
citations

71
h-index

115
g-index

483
ext. papers

22,127
ext. citations

6.1
avg, IF

6.56
L-index

#	Paper	IF	Citations
416	Olfactory function in congenital cytomegalovirus infection: a prospective study.. <i>European Journal of Pediatrics</i> , 2022 , 1	4.1	1
415	Extracellular vesicles at the rescue of the preterm brain.. <i>Brain, Behavior, and Immunity</i> , 2022 , 102, 135-136	13.6	
414	N-3 PUFA deficiency disrupts oligodendrocyte maturation and myelin integrity during brain development. <i>Glia</i> , 2022 , 70, 50-70	9	1
413	Early Life Exposure to Tumor Necrosis Factor Induces Precocious Sensorimotor Reflexes Acquisition and Increases Locomotor Activity During Mouse Postnatal Development.. <i>Frontiers in Behavioral Neuroscience</i> , 2022 , 16, 845458	3.5	1
412	Parental autoimmune and autoinflammatory disorders as multiple risk factors for common neurodevelopmental disorders in offspring: a systematic review and meta-analysis.. <i>Translational Psychiatry</i> , 2022 , 12, 112	8.6	2
411	Neurogenesis Is Reduced at 48 h in the Subventricular Zone Independent of Cell Death in a Piglet Model of Perinatal Hypoxia-Ischemia.. <i>Frontiers in Pediatrics</i> , 2022 , 10, 793189	3.4	0
410	Partial protective effects of melatonin on developing brain in a rat model of chorioamnionitis. <i>Scientific Reports</i> , 2021 , 11, 22167	4.9	0
409	Association Between Early Amino Acid Intake and Full-Scale IQ at Age 5 Years Among Infants Born at Less Than 30 Weeks' Gestation. <i>JAMA Network Open</i> , 2021 , 4, e2135452	10.4	1
408	COVID-19 and Pregnancy: Vertical Transmission and Inflammation Impact on Newborns. <i>Vaccines</i> , 2021 , 9,	5.3	4
407	Therapeutic potential of stem cells for preterm infant brain damage: Can we move from the heterogeneity of preclinical and clinical studies to established therapeutics?. <i>Biochemical Pharmacology</i> , 2021 , 186, 114461	6	4
406	Hypothermia is not therapeutic in a neonatal piglet model of inflammation-sensitized hypoxia-ischemia. <i>Pediatric Research</i> , 2021 ,	3.2	5
405	Therapies for neonatal encephalopathy: Targeting the latent, secondary and tertiary phases of evolving brain injury. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021 , 26, 101256	3.7	3
404	Update on mechanisms of the pathophysiology of neonatal encephalopathy. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021 , 26, 101267	3.7	3
403	Serial blood cytokine and chemokine mRNA and microRNA over 48 h are insult specific in a piglet model of inflammation-sensitized hypoxia-ischaemia. <i>Pediatric Research</i> , 2021 , 89, 464-475	3.2	4
402	Metabolic Regulation of Neocortical Expansion in Development and Evolution. <i>Neuron</i> , 2021 , 109, 408-419	19.9	19
401	Neuroprotection offered by mesenchymal stem cells in perinatal brain injury: Role of mitochondria, inflammation, and reactive oxygen species. <i>Journal of Neurochemistry</i> , 2021 , 158, 59-73	6	12
400	The impact of trophic and immunomodulatory factors on oligodendrocyte maturation: Potential treatments for encephalopathy of prematurity. <i>Glia</i> , 2021 , 69, 1311-1340	9	4

399	Microglia-Mediated Neurodegeneration in Perinatal Brain Injuries. <i>Biomolecules</i> , 2021 , 11,	5.9	15
398	Microglial inflammasome activation drives developmental white matter injury. <i>Glia</i> , 2021 , 69, 1268-1280		3
397	The immune-inflammatory response of oligodendrocytes in a murine model of preterm white matter injury: the role of TLR3 activation. <i>Cell Death and Disease</i> , 2021 , 12, 166	9.8	7
396	Targeting Microglial Disturbances to Protect the Brain From Neurodevelopmental Disorders Associated With Prematurity. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021 , 80, 634-648	3.1	1
395	Neuronal let-7b-5p acts through the Hippo-YAP pathway in neonatal encephalopathy. <i>Communications Biology</i> , 2021 , 4, 1143	6.7	1
394	Agricultural groundwater with high nitrates and dissolved salts given to pregnant mice alters brain development in the offspring. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 224, 112635	7	0
393	Philippe Evrard 2021 , 717-719		
392	primary microcephaly is associated with hypothalamic, retinal and cochlear developmental defects. <i>Journal of Medical Genetics</i> , 2020 , 57, 389-399	5.8	12
391	High-Dose Melatonin and Ethanol Excipient Combined with Therapeutic Hypothermia in a Newborn Piglet Asphyxia Model. <i>Scientific Reports</i> , 2020 , 10, 3898	4.9	18
390	Troubles du neurodéveloppement?: mécanismes. <i>Contraste</i> , 2020 , N°51, 11	0	
389	microRNAs in Normal Brain Physiology 2020 , 3-13		
388	Perinatal IL-1β-induced inflammation suppresses Tbr2 intermediate progenitor cell proliferation in the developing hippocampus accompanied by long-term behavioral deficits. <i>Brain, Behavior, & Immunity - Health</i> , 2020 , 7, 100106	5.1	1
387	Cortical Gray Matter Injury in Encephalopathy of Prematurity: Link to Neurodevelopmental Disorders. <i>Frontiers in Neurology</i> , 2020 , 11, 575	4.1	14
386	Cell Metabolic Alterations due to Mcph1 Mutation in Microcephaly. <i>Cell Reports</i> , 2020 , 31, 107506	10.6	13
385	Brain oxidative damage in murine models of neonatal hypoxia/ischemia and reoxygenation. <i>Free Radical Biology and Medicine</i> , 2019 , 142, 3-15	7.8	23
384	Melatonin Levels in Preterm and Term Infants and Their Mothers. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	16
383	Knowledge Gaps and Emerging Research Areas in Intrauterine Growth Restriction-Associated Brain Injury. <i>Frontiers in Endocrinology</i> , 2019 , 10, 188	5.7	20
382	Ontogeny of cytokine responses to PHA from birth to adulthood. <i>Pediatric Research</i> , 2019 , 86, 63-70	3.2	8

381	Involvement of the synapse-specific zinc transporter ZnT3 in cadmium-induced hippocampal neurotoxicity. <i>Journal of Cellular Physiology</i> , 2019 , 234, 15872	7	11
380	Acute LPS sensitization and continuous infusion exacerbates hypoxic brain injury in a piglet model of neonatal encephalopathy. <i>Scientific Reports</i> , 2019 , 9, 10184	4.9	26
379	Neuroprotection of the preterm brain. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2019 , 162, 315-328	3	9
378	Interneuron Development Is Disrupted in Preterm Brains With Diffuse White Matter Injury: Observations in Mouse and Human. <i>Frontiers in Physiology</i> , 2019 , 10, 955	4.6	30
377	Evolutionary Gain of Dbx1 Expression Drives Subplate Identity in the Cerebral Cortex. <i>Cell Reports</i> , 2019 , 29, 645-658.e5	10.6	6
376	Evolutionarily conserved susceptibility of the mitochondrial respiratory chain to SDHI pesticides and its consequence on the impact of SDHIs on human cultured cells. <i>PLoS ONE</i> , 2019 , 14, e0224132	3.7	15
375	Decreased microglial Wnt/ β -catenin signalling drives microglial pro-inflammatory activation in the developing brain. <i>Brain</i> , 2019 , 142, 3806-3833	11.2	48
374	Magnesium induces preconditioning of the neonatal brain via profound mitochondrial protection. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019 , 39, 1038-1055	7.3	31
373	Endoplasmic reticulum and Golgi stress in microcephaly. <i>Cell Stress</i> , 2019 , 3, 369-384	5.5	9
372	Neuroinflammation in preterm babies and autism spectrum disorders. <i>Pediatric Research</i> , 2019 , 85, 155-165	3.65	34
371	Lipopolysaccharide-induced alteration of mitochondrial morphology induces a metabolic shift in microglia modulating the inflammatory response in vitro and in vivo. <i>Glia</i> , 2019 , 67, 1047-1061	9	77
370	Oxytocin receptor agonist reduces perinatal brain damage by targeting microglia. <i>Glia</i> , 2019 , 67, 345-359	3.9	34
369	EFNB2 haploinsufficiency causes a syndromic neurodevelopmental disorder. <i>Clinical Genetics</i> , 2018 , 93, 1141-1147	4	10
368	Embryonic Stem Cell-Derived Mesenchymal Stem Cells (MSCs) Have a Superior Neuroprotective Capacity Over Fetal MSCs in the Hypoxic-Ischemic Mouse Brain. <i>Stem Cells Translational Medicine</i> , 2018 , 7, 439-449	6.9	42
367	Magnesium sulphate induces preconditioning in preterm rodent models of cerebral hypoxia-ischemia. <i>International Journal of Developmental Neuroscience</i> , 2018 , 70, 56-66	2.7	12
366	ROR α Coordinates Thalamic and Cortical Maturation to Instruct Barrel Cortex Development. <i>Cerebral Cortex</i> , 2018 , 28, 3994-4007	5.1	9
365	Neuroprotection of the hypoxic-ischemic mouse brain by human CD117CD90CD105 amniotic fluid stem cells. <i>Scientific Reports</i> , 2018 , 8, 2425	4.9	10
364	STIL balancing primary microcephaly and cancer. <i>Cell Death and Disease</i> , 2018 , 9, 65	9.8	13

363	Zika epidemic: a step towards understanding the infectious causes of microcephaly?. <i>Lancet Infectious Diseases, The</i> , 2018 , 18, 15-16	25.5	2
362	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	5.1	86
361	Microcephaly 2018 , 41-53		1
360	Hypoxia-ischemia is not an antecedent of most preterm brain damage: the illusion of validity. <i>Developmental Medicine and Child Neurology</i> , 2018 , 60, 120-125	3.3	32
359	Functional partnership between mGlu3 and mGlu5 metabotropic glutamate receptors in the central nervous system. <i>Neuropharmacology</i> , 2018 , 128, 301-313	5.5	55
358	Administration of Drugs Targeting Microglia Improves the Neurodevelopmental Outcome Following Cytomegalovirus Infection of the Rat Fetal Brain. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 55	6.1	5
357	TWEAK Receptor Deficiency Has Opposite Effects on Female and Male Mice Subjected to Neonatal Hypoxia-Ischemia. <i>Frontiers in Neurology</i> , 2018 , 9, 230	4.1	3
356	Chorioamnionitis, neuroinflammation, and injury: timing is key in the preterm ovine fetus. <i>Journal of Neuroinflammation</i> , 2018 , 15, 113	10.1	43
355	Oligodendrocyte precursor survival and differentiation requires chromatin remodeling by Chd7 and Chd8. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E8246-E8255	11.5	53
354	Dietary omega-3 deficiency exacerbates inflammation and reveals spatial memory deficits in mice exposed to lipopolysaccharide during gestation. <i>Brain, Behavior, and Immunity</i> , 2018 , 73, 427-440	16.6	47
353	Central Nervous System Development 2018 , 852-856.e1		
352	Neuroprotection Strategies for the Newborn 2018 , 910-921.e6		1
351	Human Motor Thalamus Reconstructed in 3D from Continuous Sagittal Sections with Identified Subcortical Afferent Territories. <i>ENeuro</i> , 2018 , 5,	3.9	34
350	Autosomal recessive primary microcephaly due to ASPM mutations: An update. <i>Human Mutation</i> , 2018 , 39, 319-332	4.7	36
349	Golgiopathies in Neurodevelopment: A New View of Old Defects. <i>Developmental Neuroscience</i> , 2018 , 40, 396-416	2.2	16
348	Neuroprotective Strategies for Newborns 2018 , 2185-2199		
347	Congenital Cytomegalovirus Infection Alters Olfaction Before Hearing Deterioration In Mice. <i>Journal of Neuroscience</i> , 2018 , 38, 10424-10437	6.6	11
346	The Cerebrospinal Fluid Inflammatory Response to Preterm Birth. <i>Frontiers in Physiology</i> , 2018 , 9, 1299	4.6	13

345	Myelination induction by a histamine H3 receptor antagonist in a mouse model of preterm white matter injury. <i>Brain, Behavior, and Immunity</i> , 2018 , 74, 265-276	16.6	13
344	How to reprogram microglia toward beneficial functions. <i>Glia</i> , 2018 , 66, 2531-2549	9	50
343	A systems-level framework for drug discovery identifies Csf1R as an anti-epileptic drug target. <i>Nature Communications</i> , 2018 , 9, 3561	17.4	45
342	Axl Mediates ZIKA Virus Entry in Human Glial Cells and Modulates Innate Immune Responses. <i>Cell Reports</i> , 2017 , 18, 324-333	10.6	278
341	Dexmedetomidine Combined with Therapeutic Hypothermia Is Associated with Cardiovascular Instability and Neurotoxicity in a Piglet Model of Perinatal Asphyxia. <i>Developmental Neuroscience</i> , 2017 , 39, 156-170	2.2	17
340	Implicating Receptor Activator of NF- κ B (RANK)/RANK Ligand Signalling in Microglial Responses to Toll-Like Receptor Stimuli. <i>Developmental Neuroscience</i> , 2017 , 39, 192-206	2.2	15
339	Persistently Altered Metabolic Phenotype following Perinatal Excitotoxic Brain Injury. <i>Developmental Neuroscience</i> , 2017 , 39, 182-191	2.2	13
338	Cytokine/chemokine secretion for detecting tuberculosis in quantiferon supernatants from HIV and HIV children. <i>Journal of Infection</i> , 2017 , 75, 77-80	18.9	1
337	Long-Term Neuropathological Changes Associated with Cerebral Palsy in a Nonhuman Primate Model of Hypoxic-Ischemic Encephalopathy. <i>Developmental Neuroscience</i> , 2017 , 39, 124-140	2.2	19
336	Golgi trafficking defects in postnatal microcephaly: The evidence for "Golgiopathies". <i>Progress in Neurobiology</i> , 2017 , 153, 46-63	10.9	24
335	GluNs Detection and Functions in Microglial Cells. <i>Methods in Molecular Biology</i> , 2017 , 1677, 253-263	1.4	
334	Dynamic Expression Patterns of Progenitor and Neuron Layer Markers in the Developing Human Dentate Gyrus and Fimbria. <i>Cerebral Cortex</i> , 2017 , 27, 358-372	5.1	8
333	Brain Edema in Developing Brain Diseases 2017 , 393-429		1
332	Neuroinflammation, myelin and behavior: Temporal patterns following mild traumatic brain injury in mice. <i>PLoS ONE</i> , 2017 , 12, e0184811	3.7	52
331	Inflammation et lésions cérébrales du prématuré 2017 , 535-541		
330	Reactive astrocyte COX2-PGE2 production inhibits oligodendrocyte maturation in neonatal white matter injury. <i>Glia</i> , 2017 , 65, 2024-2037	9	57
329	Integrative genomics of microglia implicates DLG4 (PSD95) in the white matter development of preterm infants. <i>Nature Communications</i> , 2017 , 8, 428	17.4	47
328	Synптоimmunology - roles in health and disease. <i>Molecular Brain</i> , 2017 , 10, 26	4.5	21

327	How to: Measuring blood cytokines in biological psychiatry using commercially available multiplex immunoassays. <i>Psychoneuroendocrinology</i> , 2017 , 75, 72-82	5	28
326	Role of microglia in a mouse model of paediatric traumatic brain injury. <i>Brain, Behavior, and Immunity</i> , 2017 , 63, 197-209	16.6	50
325	Surgery increases cell death and induces changes in gene expression compared with anesthesia alone in the developing piglet brain. <i>PLoS ONE</i> , 2017 , 12, e0173413	3.7	10
324	Conséquences neurodéveloppementales et cognitives d'une naissance prématurée. <i>Bulletin De LiAcademie Nationale De Medecine</i> , 2017 , 201, 607-613	0.1	
323	Immediate remote ischemic postconditioning after hypoxia ischemia in piglets protects cerebral white matter but not grey matter. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016 , 36, 1396-411	7.3	21
322	Dynamic Expression Patterns of Progenitor and Pyramidal Neuron Layer Markers in the Developing Human Hippocampus. <i>Cerebral Cortex</i> , 2016 , 26, 1255-71	5.1	14
321	Mutations in Citron Kinase Cause Recessive Microlissencephaly with Multinucleated Neurons. <i>American Journal of Human Genetics</i> , 2016 , 99, 511-20	11	47
320	Melatonin modulates neonatal brain inflammation through endoplasmic reticulum stress, autophagy, and miR-34a/silent information regulator 1 pathway. <i>Journal of Pineal Research</i> , 2016 , 61, 370-80	10.4	83
319	ZIKA virus elicits P53 activation and genotoxic stress in human neural progenitors similar to mutations involved in severe forms of genetic microcephaly. <i>Cell Death and Disease</i> , 2016 , 7, e2440	9.8	57
318	Inhaled 45-50% argon augments hypothermic brain protection in a piglet model of perinatal asphyxia. <i>Neurobiology of Disease</i> , 2016 , 87, 29-38	7.5	40
317	Impaired oligodendrocyte maturation in preterm infants: Potential therapeutic targets. <i>Progress in Neurobiology</i> , 2016 , 136, 28-49	10.9	85
316	Controversies in preterm brain injury. <i>Neurobiology of Disease</i> , 2016 , 92, 90-101	7.5	42
315	Abnormal spindle-like microcephaly-associated (ASPM) mutations strongly disrupt neocortical structure but spare the hippocampus and long-term memory. <i>Cortex</i> , 2016 , 74, 158-76	3.8	22
314	Cytomegalovirus Infection of the Rat Developing Brain In Utero Prominently Targets Immune Cells and Promotes Early Microglial Activation. <i>PLoS ONE</i> , 2016 , 11, e0160176	3.7	12
313	Isoflurane Exposure Induces Cell Death, Microglial Activation and Modifies the Expression of Genes Supporting Neurodevelopment and Cognitive Function in the Male Newborn Piglet Brain. <i>PLoS ONE</i> , 2016 , 11, e0166784	3.7	23
312	Temporal Characterization of Microglia/Macrophage Phenotypes in a Mouse Model of Neonatal Hypoxic-Ischemic Brain Injury. <i>Frontiers in Cellular Neuroscience</i> , 2016 , 10, 286	6.1	59
311	Modulation of the Innate Immune Response by Human Neural Precursors Prevails over Oligodendrocyte Progenitor Remyelination to Rescue a Severe Model of Pelizaeus-Merzbacher Disease. <i>Stem Cells</i> , 2016 , 34, 984-96	5.8	27
310	Pro-epileptogenic effects of viral-like inflammation in both mature and immature brains. <i>Journal of Neuroinflammation</i> , 2016 , 13, 307	10.1	14

309	Contribution of mast cells to injury mechanisms in a mouse model of pediatric traumatic brain injury. <i>Journal of Neuroscience Research</i> , 2016 , 94, 1546-1560	4.4	18
308	Glial response to 17 β -estradiol in neonatal rats with excitotoxic brain injury. <i>Experimental Neurology</i> , 2016 , 282, 56-65	5.7	13
307	Immune response to Mycobacterium tuberculosis in young contacts with discordant immunological test results. <i>Journal of Infection</i> , 2016 , 73, 517-520	18.9	3
306	Transcriptomic regulations in oligodendroglial and microglial cells related to brain damage following fetal growth restriction. <i>Glia</i> , 2016 , 64, 2306-2320	9	41
305	Neuroprotective Strategies for Newborns 2016 , 1-15		
304	Pharmacokinetics and tissue diffusion of ganciclovir in mice and rats. <i>Antiviral Research</i> , 2016 , 132, 111-510.8	5.8	4
303	ARCN1 Mutations Cause a Recognizable Craniofacial Syndrome Due to COPI-Mediated Transport Defects. <i>American Journal of Human Genetics</i> , 2016 , 99, 451-9	11	41
302	A dual role for AMP-activated protein kinase (AMPK) during neonatal hypoxic-ischaemic brain injury in mice. <i>Journal of Neurochemistry</i> , 2015 , 133, 242-52	6	42
301	A Critical Review of Models of Perinatal Infection. <i>Developmental Neuroscience</i> , 2015 , 37, 289-304	2.2	28
300	The Anti-Inflammatory Effects of the Small Molecule Pifithrin- μ on BV2 Microglia. <i>Developmental Neuroscience</i> , 2015 , 37, 363-75	2.2	8
299	Altered cytokine profiles in children with indeterminate quantiferon results and common infections. <i>Journal of Infection</i> , 2015 , 71, 250-7	18.9	3
298	Dymeclin deficiency causes postnatal microcephaly, hypomyelination and reticulum-to-Golgi trafficking defects in mice and humans. <i>Human Molecular Genetics</i> , 2015 , 24, 2771-83	5.6	15
297	Inflammation-induced sensitization of the brain in term infants. <i>Developmental Medicine and Child Neurology</i> , 2015 , 57 Suppl 3, 17-28	3.3	63
296	Nitric Oxide Pathway and Proliferation of Neural Progenitors in the Neonatal Rat. <i>Developmental Neuroscience</i> , 2015 , 37, 417-27	2.2	7
295	Does Caspase-6 Have a Role in Perinatal Brain Injury?. <i>Developmental Neuroscience</i> , 2015 , 37, 321-37	2.2	4
294	Brain cell death is reduced with cooling by 3.5°C to 5°C but increased with cooling by 8.5°C in a piglet asphyxia model. <i>Stroke</i> , 2015 , 46, 275-8	6.7	61
293	Anti-ictogenic and antiepileptogenic properties of brivaracetam in mature and immature rats. <i>Epilepsia</i> , 2015 , 56, 800-5	6.4	20
292	Mitochondrial Optic Atrophy (OPA) 1 Processing Is Altered in Response to Neonatal Hypoxic-Ischemic Brain Injury. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 22509-26	6.3	38

291	Blood-brain barrier dysfunction in disorders of the developing brain. <i>Frontiers in Neuroscience</i> , 2015 , 9, 40	5.1	94
290	Systems approach to the study of brain damage in the very preterm newborn. <i>Frontiers in Systems Neuroscience</i> , 2015 , 9, 58	3.5	13
289	Protective effects of intermittent hypoxia on brain and memory in a mouse model of apnea of prematurity. <i>Frontiers in Physiology</i> , 2015 , 6, 313	4.6	21
288	Cellular mechanisms of toll-like receptor-3 activation in the thalamus are associated with white matter injury in the developing brain. <i>Journal of Neuropathology and Experimental Neurology</i> , 2015 , 74, 273-85	3.1	23
287	Trans-Modulation of the Somatostatin Type 2A Receptor Trafficking by Insulin-Regulated Aminopeptidase Decreases Limbic Seizures. <i>Journal of Neuroscience</i> , 2015 , 35, 11960-75	6.6	14
286	Melatonin reduces excitotoxic blood-brain barrier breakdown in neonatal rats. <i>Neuroscience</i> , 2015 , 311, 382-97	3.9	27
285	Pathophysiology and neuroprotection of global and focal perinatal brain injury: lessons from animal models. <i>Pediatric Neurology</i> , 2015 , 52, 566-584	2.9	30
284	Regiospecific synthesis of neuroprotective 1,4-benzoxazine derivatives through a tandem oxidation-Diels-Alder reaction. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 3749-56	3.9	8
283	The role of inflammation in perinatal brain injury. <i>Nature Reviews Neurology</i> , 2015 , 11, 192-208	15	474
282	Animal Models of Cerebral Dysgenesis: Excitotoxic Brain Injury. <i>Neuromethods</i> , 2015 , 239-246	0.4	
281	Tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) signaling and cell death in the immature central nervous system after hypoxia-ischemia and inflammation. <i>Journal of Biological Chemistry</i> , 2014 , 289, 9430-9	5.4	63
280	Pharmacokinetics of dexmedetomidine combined with therapeutic hypothermia in a piglet asphyxia model. <i>Acta Anaesthesiologica Scandinavica</i> , 2014 , 58, 733-42	1.9	32
279	Maternal inflammation modulates infant immune response patterns to viral lung challenge in a murine model. <i>Pediatric Research</i> , 2014 , 76, 33-40	3.2	18
278	MicroRNAs establish robustness and adaptability of a critical gene network to regulate progenitor fate decisions during cortical neurogenesis. <i>Cell Reports</i> , 2014 , 7, 1779-88	10.6	32
277	Stem cell therapy for neonatal brain injury. <i>Clinics in Perinatology</i> , 2014 , 41, 133-48	2.8	42
276	HIP/PAP prevents excitotoxic neuronal death and promotes plasticity. <i>Annals of Clinical and Translational Neurology</i> , 2014 , 1, 739-54	5.3	14
275	Endogenous cerebellar neurogenesis in adult mice with progressive ataxia. <i>Annals of Clinical and Translational Neurology</i> , 2014 , 1, 968-81	5.3	9
274	Apparent diffusion coefficient measurements of the fetal brain during the third trimester of pregnancy: how reliable are they in clinical practice?. <i>Prenatal Diagnosis</i> , 2014 , 34, 357-66	3.2	14

273	Brain damage of the preterm infant: new insights into the role of inflammation. <i>Biochemical Society Transactions</i> , 2014 , 42, 557-63	5.1	41
272	Somatostatin receptors type 2 and 5 expression and localization during human pituitary development. <i>Endocrinology</i> , 2014 , 155, 33-9	4.8	5
271	Involvement of the subplate zone in preterm infants with periventricular white matter injury. <i>Brain Pathology</i> , 2014 , 24, 128-41	6	30
270	Heat shock factor 2 is a stress-responsive mediator of neuronal migration defects in models of fetal alcohol syndrome. <i>EMBO Molecular Medicine</i> , 2014 , 6, 1043-61	12	31
269	Revisiting thyroid hormone treatment to prevent brain damage of prematurity. <i>Journal of Neuroscience Research</i> , 2014 , 92, 1609-10	4.4	12
268	Cytomegalovirus-induced brain malformations in fetuses. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014 , 73, 143-58	3.1	79
267	Cytokine responses to quantiferon peptides in pediatric tuberculosis: a pilot study. <i>Journal of Infection</i> , 2014 , 68, 62-70	18.9	35
266	Failure of thyroid hormone treatment to prevent inflammation-induced white matter injury in the immature brain. <i>Brain, Behavior, and Immunity</i> , 2014 , 37, 95-102	16.6	29
265	Impact of Injured Tissue on Stem Cell Fate. <i>Pancreatic Islet Biology</i> , 2014 , 43-56	0.4	
264	Bench to cribside: the path for developing a neuroprotectant. <i>Translational Stroke Research</i> , 2013 , 4, 258-77	7.8	12
263	Toll-like receptor 3 expression in glia and neurons alters in response to white matter injury in preterm infants. <i>Developmental Neuroscience</i> , 2013 , 35, 130-9	2.2	38
262	Neuropathological review of 138 cases genetically tested for X-linked hydrocephalus: evidence for closely related clinical entities of unknown molecular bases. <i>Acta Neuropathologica</i> , 2013 , 126, 427-42	14.3	69
261	Pharmacokinetics of melatonin in preterm infants. <i>British Journal of Clinical Pharmacology</i> , 2013 , 76, 725-33	3.8	51
260	Characterization of phenotype markers and neuronotoxic potential of polarised primary microglia in vitro. <i>Brain, Behavior, and Immunity</i> , 2013 , 32, 70-85	16.6	408
259	Use of human umbilical cord blood mononuclear cells to prevent perinatal brain injury: a preclinical study. <i>Stem Cells and Development</i> , 2013 , 22, 169-79	4.4	32
258	Melatonin augments hypothermic neuroprotection in a perinatal asphyxia model. <i>Brain</i> , 2013 , 136, 90-105	5.2	187
257	A novel RAB33B mutation in Smith-McCort dysplasia. <i>Human Mutation</i> , 2013 , 34, 283-6	4.7	25
256	Conditional induction of Math1 specifies embryonic stem cells to cerebellar granule neuron lineage and promotes differentiation into mature granule neurons. <i>Stem Cells</i> , 2013 , 31, 652-65	5.8	16

255	Nitric oxide signaling in the brain: a new target for inhaled nitric oxide?. <i>Annals of Neurology</i> , 2013 , 73, 442-8	9.4	36
254	G protein-coupled receptor kinase 2 and group I metabotropic glutamate receptors mediate inflammation-induced sensitization to excitotoxic neurodegeneration. <i>Annals of Neurology</i> , 2013 , 73, 667-78	9.4	38
253	Depletion of bone marrow-derived macrophages perturbs the innate immune response to surgery and reduces postoperative memory dysfunction. <i>Anesthesiology</i> , 2013 , 118, 527-36	4.3	101
252	Maternal exposure to lipopolysaccharide leads to transient motor dysfunction in neonatal rats. <i>Developmental Neuroscience</i> , 2013 , 35, 172-81	2.2	38
251	Spatial memory deficits in maternal iron deficiency paradigms are associated with altered glucocorticoid levels. <i>Hormones and Behavior</i> , 2013 , 64, 26-36	3.7	12
250	Astrocyte GRK2 as a novel regulator of glutamate transport and brain damage. <i>Neurobiology of Disease</i> , 2013 , 54, 206-15	7.5	14
249	Alternative oxidase expression in the mouse enables bypassing cytochrome c oxidase blockade and limits mitochondrial ROS overproduction. <i>PLoS Genetics</i> , 2013 , 9, e1003182	6	79
248	The role of JAK-STAT signaling within the CNS. <i>Jak-stat</i> , 2013 , 2, e22925		157
247	White matter loss in a mouse model of periventricular leukomalacia is rescued by trophic factors. <i>Brain Sciences</i> , 2013 , 3, 1461-82	3.4	10
246	Stiripentol exhibits higher anticonvulsant properties in the immature than in the mature rat brain. <i>Epilepsia</i> , 2013 , 54, 2082-90	6.4	21
245	VIP 2013 , 966-974		1
244	Neuroprotective effects of dexmedetomidine against glutamate agonist-induced neuronal cell death are related to increased astrocyte brain-derived neurotrophic factor expression. <i>Anesthesiology</i> , 2013 , 118, 1123-32	4.3	108
243	Bone fracture exacerbates murine ischemic cerebral injury. <i>Anesthesiology</i> , 2013 , 118, 1362-72	4.3	36
242	Tertiary mechanisms of brain damage: a new hope for treatment of cerebral palsy?. <i>Lancet Neurology</i> , 2012 , 11, 556-66	24.1	223
241	Activation of microglial N-methyl-D-aspartate receptors triggers inflammation and neuronal cell death in the developing and mature brain. <i>Annals of Neurology</i> , 2012 , 72, 536-49	9.4	148
240	The Jak/STAT pathway is involved in synaptic plasticity. <i>Neuron</i> , 2012 , 73, 374-90	13.9	147
239	Pre- and postnatal phenotype of 6p25 deletions involving the FOXC1 gene. <i>American Journal of Medical Genetics, Part A</i> , 2012 , 158A, 2430-8	2.5	23
238	Mutations in the β -tubulin gene TUBB5 cause microcephaly with structural brain abnormalities. <i>Cell Reports</i> , 2012 , 2, 1554-62	10.6	131

237	Hemiconvulsion-hemiplegia-epilepsy syndrome: current understandings. <i>European Journal of Paediatric Neurology</i> , 2012 , 16, 413-21	3.8	34
236	Maternal deprivation induces deficits in temporal memory and cognitive flexibility and exaggerates synaptic plasticity in the rat medial prefrontal cortex. <i>Neurobiology of Learning and Memory</i> , 2012 , 98, 207-14	3.1	56
235	Inflammation during fetal and neonatal life: implications for neurologic and neuropsychiatric disease in children and adults. <i>Annals of Neurology</i> , 2012 , 71, 444-57	9.4	356
234	Novel animal models of pediatric epilepsy. <i>Neurotherapeutics</i> , 2012 , 9, 245-61	6.4	29
233	Neuroanatomical, sensorimotor and cognitive deficits in adult rats with white matter injury following prenatal ischemia. <i>Brain Pathology</i> , 2012 , 22, 1-16	6	41
232	Brain-derived neurotrophic factor-mediated effects on mitochondrial respiratory coupling and neuroprotection share the same molecular signalling pathways. <i>European Journal of Neuroscience</i> , 2012 , 35, 366-74	3.5	75
231	Dual action of NO synthases on blood flow and infarct volume consecutive to neonatal focal cerebral ischemia. <i>Experimental Neurology</i> , 2012 , 236, 50-7	5.7	21
230	Molecular mechanisms of neonatal brain injury. <i>Neurology Research International</i> , 2012 , 2012, 506320	1.7	92
229	Inhaled NO protects cerebral white matter in neonatal rats with combined brain and lung injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 897-9	10.2	12
228	Combined effect of hypothermia and caspase-2 gene deficiency on neonatal hypoxic-ischemic brain injury. <i>Pediatric Research</i> , 2012 , 71, 566-72	3.2	24
227	Genomic imbalances detected by array-CGH in patients with syndromal ocular developmental anomalies. <i>European Journal of Human Genetics</i> , 2012 , 20, 527-33	5.3	17
226	Expression of Sonic hedgehog during cell proliferation in the human cerebellum. <i>Stem Cells and Development</i> , 2012 , 21, 1059-68	4.4	43
225	Early protein malnutrition disrupts cerebellar development and impairs motor coordination. <i>British Journal of Nutrition</i> , 2012 , 107, 1167-75	3.6	26
224	Increased MMP-9 and TIMP-1 in mouse neonatal brain and plasma and in human neonatal plasma after hypoxia-ischemia: a potential marker of neonatal encephalopathy. <i>Pediatric Research</i> , 2012 , 71, 63-70	3.2	38
223	Inhaled nitric oxide reduces brain damage by collateral recruitment in a neonatal stroke model. <i>Stroke</i> , 2012 , 43, 3078-84	6.7	53
222	Microglial reaction in axonal crossroads is a hallmark of noncystic periventricular white matter injury in very preterm infants. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012 , 71, 251-64	3.1	91
221	Neuroprotective Strategies 2012 , 1173-1179		
220	The yin and yang of microglia. <i>Developmental Neuroscience</i> , 2011 , 33, 199-209	2.2	232

219	Neuroprotective effects of NAP against excitotoxic brain damage in the newborn mice: implications for cerebral palsy. <i>Neuroscience</i> , 2011 , 173, 156-68	3.9	28
218	Pituitary adenylate cyclase-activating polypeptide and vasoactive intestinal polypeptide promote the genesis of calcium currents in differentiating mouse embryonic stem cells. <i>Neuroscience</i> , 2011 , 199, 103-15	3.9	8
217	VIP-induced neuroprotection of the developing brain. <i>Current Pharmaceutical Design</i> , 2011 , 17, 1036-9	3.3	25
216	Neonatal status epilepticus due to lamination disorder without significant cell death. <i>Brain and Development</i> , 2011 , 33, 339-44	2.2	1
215	Inner ear lesions in congenital cytomegalovirus infection of human fetuses. <i>Acta Neuropathologica</i> , 2011 , 122, 763-74	14.3	78
214	Ciprofloxacin prevents myelination delay in neonatal rats subjected to E. coli sepsis. <i>Annals of Neurology</i> , 2011 , 69, 341-51	9.4	25
213	Genetic inhibition of caspase-2 reduces hypoxic-ischemic and excitotoxic neonatal brain injury. <i>Annals of Neurology</i> , 2011 , 70, 781-9	9.4	49
212	Systemic inflammation disrupts the developmental program of white matter. <i>Annals of Neurology</i> , 2011 , 70, 550-65	9.4	269
211	Stem cell therapy for neonatal brain injury: perspectives and challenges. <i>Annals of Neurology</i> , 2011 , 70, 698-712	9.4	108
210	Implanted neurosphere-derived precursors promote recovery after neonatal excitotoxic brain injury. <i>Stem Cells and Development</i> , 2011 , 20, 865-79	4.4	26
209	21st century research in pediatric psychiatry. <i>Pediatric Research</i> , 2011 , 69, 1R-2R	3.2	
208	Oral administration of docosahexaenoic acid/eicosapentaenoic acids is not anticonvulsant in rats: implications for translational research. <i>Pediatric Research</i> , 2011 , 70, 584-8	3.2	6
207	Hedgehog rushes to the rescue of the developing cerebellum. <i>Science Translational Medicine</i> , 2011 , 3, 105ps40	17.5	6
206	Antenatal sildenafil treatment attenuates pulmonary hypertension in experimental congenital diaphragmatic hernia. <i>Circulation</i> , 2011 , 123, 2120-31	16.7	112
205	Effect of moxifloxacin combined with cefotaxime compared to cefotaxime-gentamicin combination on prevention of white matter damage associated with Escherichia coli sepsis in neonatal rats. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 3567-9	5.9	3
204	Pitfalls in the quest of neuroprotectants for the perinatal brain. <i>Developmental Neuroscience</i> , 2011 , 33, 189-98	2.2	12
203	Deleterious effect of hyperoxia at birth on white matter damage in the newborn rat. <i>Developmental Neuroscience</i> , 2011 , 33, 261-9	2.2	35
202	Targeting neonatal ischemic brain injury with a pentapeptide-based irreversible caspase inhibitor. <i>Cell Death and Disease</i> , 2011 , 2, e203	9.8	34

201	Effects of antenatal uteroplacental hypoperfusion on neonatal microvascularisation and excitotoxin sensitivity in mice. <i>Pediatric Research</i> , 2011 , 70, 229-35	3.2	14
200	VIP blockade leads to microcephaly in mice via disruption of Mcph1-Chk1 signaling. <i>Journal of Clinical Investigation</i> , 2011 , 121, 3071-87	15.9	19
199	Preterm delivery disrupts the developmental program of the cerebellum. <i>PLoS ONE</i> , 2011 , 6, e23449	3.7	52
198	Early microglial colonization of the human forebrain and possible involvement in periventricular white-matter injury of preterm infants. <i>Journal of Anatomy</i> , 2010 , 217, 436-48	2.9	162
197	Resistance to leptin-replacement therapy in Berardinelli-Seip congenital lipodystrophy: an immunological origin. <i>European Journal of Endocrinology</i> , 2010 , 162, 1083-91	6.5	36
196	NEUROBID--an EU-funded project to study the developing brain barriers. <i>International Journal of Developmental Neuroscience</i> , 2010 , 28, 411-2	2.7	2
195	Systemic inflammation sensitizes the neonatal brain to excitotoxicity through a pro-/anti-inflammatory imbalance: key role of TNFalpha pathway and protection by etanercept. <i>Brain, Behavior, and Immunity</i> , 2010 , 24, 747-58	16.6	67
194	Microglial MyD88 signaling regulates acute neuronal toxicity of LPS-stimulated microglia in vitro. <i>Brain, Behavior, and Immunity</i> , 2010 , 24, 776-83	16.6	66
193	Many roads lead to primary autosomal recessive microcephaly. <i>Progress in Neurobiology</i> , 2010 , 90, 363-83	30.9	153
192	Nitric oxide plays a key role in myelination in the developing brain. <i>Journal of Neuropathology and Experimental Neurology</i> , 2010 , 69, 828-37	3.1	31
191	Neuronal damage in the preterm baboon: impact of the mode of ventilatory support. <i>Journal of Neuropathology and Experimental Neurology</i> , 2010 , 69, 473-82	3.1	22
190	Characterization of the postconditioning effect of dexmedetomidine in mouse organotypic hippocampal slice cultures exposed to oxygen and glucose deprivation. <i>Anesthesiology</i> , 2010 , 112, 373-83	4.3	44
189	In vivo assessment of experimental neonatal excitotoxic brain lesion with USPIO-enhanced MR imaging. <i>European Radiology</i> , 2010 , 20, 2204-12	8	2
188	1,2-ethane bis-1-amino-4-benzamidine is active against several brain insult and seizure challenges through anti-NMDA mechanisms targeting the 3H-TCP binding site and antioxidant action. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 3101-10	6.8	13
187	Inflammation processes in perinatal brain damage. <i>Journal of Neural Transmission</i> , 2010 , 117, 1009-17	4.3	44
186	Evaluation of inhaled .NO in a model of rat neonate brain injury caused by hypoxia-ischaemia. <i>Injury</i> , 2010 , 41, 517-21	2.5	5
185	Neuroprotective effect of inhaled nitric oxide on excitotoxic-induced brain damage in neonatal rat. <i>PLoS ONE</i> , 2010 , 5, e10916	3.7	38
184	The somatostatin 2A receptor is enriched in migrating neurons during rat and human brain development and stimulates migration and axonal outgrowth. <i>PLoS ONE</i> , 2009 , 4, e5509	3.7	21

183	Melatonin promotes oligodendroglial maturation of injured white matter in neonatal rats. <i>PLoS ONE</i> , 2009 , 4, e7128	3.7	77
182	Optimized derivation and functional characterization of 5-HT neurons from human embryonic stem cells. <i>Stem Cells and Development</i> , 2009 , 18, 615-27	4.4	20
181	A novel mouse model of Ureaplasma-induced perinatal inflammation: effects on lung and brain injury. <i>Pediatric Research</i> , 2009 , 65, 430-6	3.2	71
180	Ontogeny of MMPs and TIMPs in the murine neocortex. <i>Pediatric Research</i> , 2009 , 65, 296-300	3.2	21
179	Expanding the clinical and neuroradiologic phenotype of primary microcephaly due to ASPM mutations. <i>Neurology</i> , 2009 , 73, 962-9	6.5	82
178	The gene responsible for Dyggve-Melchior-Clausen syndrome encodes a novel peripheral membrane protein dynamically associated with the Golgi apparatus. <i>Human Molecular Genetics</i> , 2009 , 18, 440-53	5.6	28
177	Molecular mechanisms involved in injury to the preterm brain. <i>Journal of Child Neurology</i> , 2009 , 24, 1112-8	2.8	61
176	Autosomal recessive primary microcephalies (MCPH). <i>European Journal of Paediatric Neurology</i> , 2009 , 13, 458	3.8	4
175	Engineering a GABA endowed with pharmacological CNS activity when given by an extracerebral route. <i>Medicinal Chemistry Research</i> , 2009 , 18, 255-267	2.2	13
174	GAP-43 is essential for the neurotrophic effects of BDNF and positive AMPA receptor modulator S18986. <i>Cell Death and Differentiation</i> , 2009 , 16, 624-37	12.7	49
173	NRSF downregulation induces neuronal differentiation in mouse embryonic stem cells. <i>Differentiation</i> , 2009 , 77, 19-28	3.5	21
172	The AMPA receptor positive allosteric modulator, S18986, is neuroprotective against neonatal excitotoxic and inflammatory brain damage through BDNF synthesis. <i>Neuropharmacology</i> , 2009 , 57, 277-88	5.5	25
171	The preconditioning effect of sevoflurane on the oxygen glucose-deprived hippocampal slice: the role of tyrosine kinases and duration of ischemia. <i>Anesthesia and Analgesia</i> , 2009 , 108, 601-8	3.9	18
170	Analysis of neuronal, glial, endothelial, axonal and apoptotic markers following moderate therapeutic hypothermia and anesthesia in the developing piglet brain. <i>Brain Pathology</i> , 2008 , 18, 10-20 ⁶		38
169	Dextromethorphan is protective against sensitized N-methyl-D-aspartate receptor-mediated excitotoxic brain damage in the developing mouse brain. <i>European Journal of Neuroscience</i> , 2008 , 27, 874-83	3.5	24
168	Agomelatine, a melatonin receptor agonist with 5-HT(2C) receptor antagonist properties, protects the developing murine white matter against excitotoxicity. <i>European Journal of Pharmacology</i> , 2008 , 588, 58-63	5.3	41
167	Pharmacological and genetic inhibition of NADPH oxidase does not reduce brain damage in different models of perinatal brain injury in newborn mice. <i>Neurobiology of Disease</i> , 2008 , 31, 133-44	7.5	56
166	Different types of nutritional deficiencies affect different domains of spatial memory function checked in a radial arm maze. <i>Neuroscience</i> , 2008 , 152, 859-66	3.9	80

165	The PPARgamma agonist FMOC-L-leucine protects both mature and immature brain. <i>Biomedicine and Pharmacotherapy</i> , 2008 , 62, 259-63	7.5	22
164	Neuregulin-1: a potential endogenous protector in perinatal brain white matter damage. <i>Neonatology</i> , 2008 , 93, 182-7	4	25
163	IL-9/IL-9 receptor signaling selectively protects cortical neurons against developmental apoptosis. <i>Cell Death and Differentiation</i> , 2008 , 15, 1542-52	12.7	66
162	Vulnerability of white matter towards antenatal hypoxia is linked to a species-dependent regulation of glutamate receptor subunits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 16779-84	11.5	27
161	Dynamics of somatostatin type 2A receptor cargoes in living hippocampal neurons. <i>Journal of Neuroscience</i> , 2008 , 28, 4336-49	6.6	31
160	Antenatal bacterial endotoxin sensitizes the immature rat brain to postnatal excitotoxic injury. <i>Journal of Neuropathology and Experimental Neurology</i> , 2008 , 67, 994-1000	3.1	44
159	Neuroprotective strategies for the neonatal brain. <i>Anesthesia and Analgesia</i> , 2008 , 106, 1670-80	3.9	41
158	USPIO (Ferumoxtran-10)-enhanced MRI to visualize reticuloendothelial system cells in neonatal rats: feasibility and biodistribution study. <i>Journal of Magnetic Resonance Imaging</i> , 2008 , 28, 1046-52	5.6	16
157	Dexmedetomidine increases hippocampal phosphorylated extracellular signal-regulated protein kinase 1 and 2 content by an alpha 2-adrenoceptor-independent mechanism: evidence for the involvement of imidazoline I1 receptors. <i>Anesthesiology</i> , 2008 , 108, 457-66	4.3	94
156	Neurotrophins and cytokines in neuronal plasticity. <i>Novartis Foundation Symposium</i> , 2008 , 289, 222-33; discussion 233-40		51
155	Growth factors and plasticity. <i>Seminars in Fetal and Neonatal Medicine</i> , 2007 , 12, 241-9	3.7	23
154	Anti-inflammatory and immunomodulatory strategies to protect the perinatal brain. <i>Seminars in Fetal and Neonatal Medicine</i> , 2007 , 12, 296-302	3.7	20
153	Neurospheres derived from human embryoid bodies treated with retinoic Acid show an increase in nestin and ngn2 expression that correlates with the proportion of tyrosine hydroxylase-positive cells. <i>Stem Cells and Development</i> , 2007 , 16, 667-81	4.4	14
152	Neocortical and cerebellar developmental abnormalities in conditions of selective elimination of peroxisomes from brain or from liver. <i>Journal of Neuroscience Research</i> , 2007 , 85, 58-72	4.4	67
151	Semilobar holoprosencephaly prenatal diagnosis: an unexpected complex rearrangement in a de novo apparently balanced reciprocal translocation on karyotype. <i>Prenatal Diagnosis</i> , 2007 , 27, 279-84	3.2	4
150	The neuropeptide pituitary adenylate cyclase-activating polypeptide exerts anti-apoptotic and differentiating effects during neurogenesis: focus on cerebellar granule neurones and embryonic stem cells. <i>Journal of Neuroendocrinology</i> , 2007 , 19, 321-7	3.8	33
149	T3 replacement does not prevent excitotoxic cell death but reduces developmental neuronal apoptosis in newborn mice. <i>European Journal of Paediatric Neurology</i> , 2007 , 11, 129-35	3.8	12
148	Drug companies and neuroprotection of the newborn: any hope for a love story?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007 , 96, 485-6	3.1	

147	Cyclooxygenase-2 mediates the sensitizing effects of systemic IL-1-beta on excitotoxic brain lesions in newborn mice. <i>Neurobiology of Disease</i> , 2007 , 25, 496-505	7.5	52
146	Neonatal hypoxic preconditioning involves vascular endothelial growth factor. <i>Neurobiology of Disease</i> , 2007 , 26, 243-52	7.5	50
145	Moderate growth restriction: deleterious and protective effects on white matter damage. <i>Neurobiology of Disease</i> , 2007 , 26, 253-63	7.5	58
144	Are prenatal ultrasounds safe for the developing brain?. <i>Pediatric Research</i> , 2007 , 61, 265-6	3.2	7
143	Cortical consequences of in vivo blockade of monocarboxylate transport during brain development in mice. <i>Pediatric Research</i> , 2007 , 61, 54-60	3.2	9
142	Melatonin reduces inflammation and cell death in white matter in the mid-gestation fetal sheep following umbilical cord occlusion. <i>Pediatric Research</i> , 2007 , 61, 153-8	3.2	183
141	Lamotrigine is neuroprotective in the energy deficiency model of MPTP intoxicated mice. <i>Pediatric Research</i> , 2007 , 62, 14-9	3.2	30
140	Chronic mild stress during gestation worsens neonatal brain lesions in mice. <i>Journal of Neuroscience</i> , 2007 , 27, 7532-40	6.6	53
139	Transient inhibition of astrocytogenesis in developing mouse brain following postnatal caffeine exposure. <i>Pediatric Research</i> , 2007 , 62, 604-9	3.2	33
138	The effects of lidocaine and bupivacaine on protein expression of cleaved caspase 3 and tyrosine phosphorylation in the rat hippocampal slice. <i>Anesthesia and Analgesia</i> , 2007 , 104, 119-23	3.9	9
137	Apoptosis-inducing factor deficiency induces early mitochondrial degeneration in brain followed by progressive multifocal neuropathology. <i>Journal of Neuropathology and Experimental Neurology</i> , 2007 , 66, 838-47	3.1	35
136	Entry and distribution of microglial cells in human embryonic and fetal cerebral cortex. <i>Journal of Neuropathology and Experimental Neurology</i> , 2007 , 66, 372-82	3.1	147
135	Neuronal damage accompanies perinatal white-matter damage. <i>Trends in Neurosciences</i> , 2007 , 30, 473-8	13.3	139
134	Gastrointestinal dysfunction in mice with a targeted mutation in the gene encoding vasoactive intestinal polypeptide: a model for the study of intestinal ileus and Hirschsprung's disease. <i>Peptides</i> , 2007 , 28, 1688-99	3.8	83
133	Involvement of VIP and PACAP in neonatal brain lesions generated by a combined excitotoxic/inflammatory challenge. <i>Peptides</i> , 2007 , 28, 1727-37	3.8	20
132	Melatonin prevents learning disorders in brain-lesioned newborn mice. <i>Neuroscience</i> , 2007 , 150, 712-9	3.9	48
131	Erythropoietin is neuroprotective against NMDA-receptor-mediated excitotoxic brain injury in newborn mice. <i>Neurobiology of Disease</i> , 2006 , 24, 357-66	7.5	59
130	Distribution and differentiation of microglia in the human encephalon during the first two trimesters of gestation. <i>Journal of Comparative Neurology</i> , 2006 , 499, 565-82	3.4	105

129	Lentiviral-mediated gene transfer of brain-derived neurotrophic factor is neuroprotective in a mouse model of neonatal excitotoxic challenge. <i>Journal of Neuroscience Research</i> , 2006 , 83, 50-60	4.4	45
128	Thiorphan, a neutral endopeptidase inhibitor used for diarrhoea, is neuroprotective in newborn mice. <i>Brain</i> , 2006 , 129, 3209-23	11.2	20
127	In vitro induction of neural differentiation of embryonic stem (ES) cells closely mimics molecular mechanisms of embryonic brain development. <i>Pediatric Research</i> , 2006 , 59, 48R-53R	3.2	11
126	Systemic application of granulocyte-colony stimulating factor and stem cell factor exacerbates excitotoxic brain injury in newborn mice. <i>Pediatric Research</i> , 2006 , 59, 549-53	3.2	20
125	Maternal exposure to LPS induces hypomyelination in the internal capsule and programmed cell death in the deep gray matter in newborn rats. <i>Pediatric Research</i> , 2006 , 59, 428-33	3.2	145
124	Growth factor-dependent actions of PACAP on oligodendrocyte progenitor proliferation. <i>Regulatory Peptides</i> , 2006 , 137, 58-66		30
123	Treatment-induced prevention of learning deficits in newborn mice with brain lesions. <i>Neuroscience</i> , 2006 , 141, 795-801	3.9	10
122	Immunohistochemical expression of prion protein (PrPC) in the human forebrain during development. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006 , 65, 698-706	3.1	28
121	Pathogenesis of migration disorders. <i>Current Opinion in Neurology</i> , 2006 , 19, 135-40	7.1	59
120	The effects of dexmedetomidine on perinatal excitotoxic brain injury are mediated by the alpha2A-adrenoceptor subtype. <i>Anesthesia and Analgesia</i> , 2006 , 102, 456-61	3.9	85
119	Prenatal isolated mild ventriculomegaly: outcome in 167 cases. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2006 , 113, 1072-9	3.7	110
118	Endocannabinoids potently protect the newborn brain against AMPA-kainate receptor-mediated excitotoxic damage. <i>British Journal of Pharmacology</i> , 2006 , 148, 442-51	8.6	49
117	PACAP and VIP promote initiation of electrophysiological activity in differentiating embryonic stem cells. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1070, 185-9	6.5	12
116	Mechanisms of VIP-induced neuroprotection against neonatal excitotoxicity. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1070, 512-7	6.5	12
115	Drug Toxicity During Brain Development 2006 , 321-332		
114	Novel 2-alkylamino-1,4-benzoxazine derivatives as potent neuroprotective agents: structure-activity relationship studies. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 1282-6	8.3	39
113	Neuronal TGF-beta1 mediates IL-9/mast cell interaction and exacerbates excitotoxicity in newborn mice. <i>Neurobiology of Disease</i> , 2005 , 18, 193-205	7.5	42
112	Topiramate prevents excitotoxic damage in the newborn rodent brain. <i>Neurobiology of Disease</i> , 2005 , 20, 837-48	7.5	73

111	Antiepileptic popular ketogenic diet: emerging twists in an ancient story. <i>Progress in Neurobiology</i> , 2005 , 75, 1-28	10.9	50
110	BDNF-induced white matter neuroprotection and stage-dependent neuronal survival following a neonatal excitotoxic challenge. <i>Cerebral Cortex</i> , 2005 , 15, 250-61	5.1	87
109	325 Effect of Triiodothyronine (T3) on Excitotoxic Brain Damage of Newborn Mice. <i>Pediatric Research</i> , 2005 , 58, 410-410	3.2	
108	Prenatal ischemia and white matter damage in rats. <i>Journal of Neuropathology and Experimental Neurology</i> , 2005 , 64, 998-1006	3.1	83
107	Effects of dexmedetomidine on hippocampal focal adhesion kinase tyrosine phosphorylation in physiologic and ischemic conditions. <i>Anesthesiology</i> , 2005 , 103, 969-77	4.3	78
106	The effects of AMPA receptor antagonists in models of stroke and neurodegeneration. <i>European Journal of Pharmacology</i> , 2005 , 519, 58-67	5.3	31
105	Human H9 cells proliferation is differently controlled by vasoactive intestinal peptide or peptide histidine methionine: implication of a GTP-insensitive form of VPAC1 receptor. <i>Journal of Neuroimmunology</i> , 2005 , 158, 94-105	3.5	11
104	Injectable dexamethasone administration enhances cortical GABAergic neuronal differentiation in a novel model of postnatal steroid therapy in mice. <i>Pediatric Research</i> , 2005 , 57, 149-56	3.2	21
103	White Matter Neuroprotection in Preterm Infants. <i>Current Pediatric Reviews</i> , 2005 , 1, 217-224	2.8	1
102	VPAC2 receptors mediate vasoactive intestinal peptide-induced neuroprotection against neonatal excitotoxic brain lesions in mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 314, 745-52	4.7	36
101	Patterns of excitotoxin-induced brain lesions in the newborn rabbit: a neuropathological and MRI correlation. <i>Developmental Neuroscience</i> , 2005 , 27, 160-8	2.2	18
100	Pathophysiology of neonatal brain lesions: Lessons from animal models of excitotoxicity. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2005 , 94, 185-190	3.1	43
99	Role of tissue-derived plasminogen activator (t-PA) in an excitotoxic mouse model of neonatal white matter lesions. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004 , 63, 53-63	3.1	15
98	VIP and PACAP induce selective neuronal differentiation of mouse embryonic stem cells. <i>European Journal of Neuroscience</i> , 2004 , 19, 798-808	3.5	62
97	Gestational hypoxia induces white matter damage in neonatal rats: a new model of periventricular leukomalacia. <i>Brain Pathology</i> , 2004 , 14, 1-10	6	92
96	Caffeine induces sonic hedgehog gene expression in cultured astrocytes and neurons. <i>Journal of Molecular Neuroscience</i> , 2004 , 24, 201-5	3.3	14
95	Fetal MRI: obstetrical and neurological perspectives. <i>Pediatric Radiology</i> , 2004 , 34, 682-4	2.8	16
94	Animal models of shaken baby syndrome: revisiting the pathophysiology of this devastating injury. <i>Developmental Neurorehabilitation</i> , 2004 , 7, 165-71		21

93	Strategies for neuroprotection in the newborn. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2004 , 1, 77-82		6
92	A reproducible experimental model of focal cerebral ischemia in the neonatal rat. <i>Brain Research Protocols</i> , 2004 , 13, 76-83		28
91	Methylphenidate and MK-801, an N-methyl-d-aspartate receptor antagonist: shared biological properties. <i>Neuroscience</i> , 2004 , 125, 163-70	3.9	27
90	12 Effect of Anticytokine Treatment in A Mouse Model for Perinatal White Matter Lesions. <i>Pediatric Research</i> , 2004 , 56, 466-466	3.2	
89	Effect of maternal antibiotic treatment on fetal periventricular white matter cell death in a rabbit intrauterine infection model. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2003 , 92, 81-6	3.1	5
88	Impaired neuronal migration and endochondral ossification in Pex7 knockout mice: a model for rhizomelic chondrodysplasia punctata. <i>Human Molecular Genetics</i> , 2003 , 12, 2255-67	5.6	89
87	Neuronal migration depends on intact peroxisomal function in brain and in extraneuronal tissues. <i>Journal of Neuroscience</i> , 2003 , 23, 9732-41	6.6	49
86	Ventricular dilatations. <i>Childs Nervous System</i> , 2003 , 19, 517-23	1.7	53
85	Recombinant peroxiredoxin 5 protects against excitotoxic brain lesions in newborn mice. <i>Free Radical Biology and Medicine</i> , 2003 , 34, 862-72	7.8	74
84	Positive allosteric modulators of AMPA receptors are neuroprotective against lesions induced by an NMDA agonist in neonatal mouse brain. <i>Brain Research</i> , 2003 , 970, 221-5	3.7	67
83	Fructose-1,6-biphosphate prevents excitotoxic neuronal cell death in the neonatal mouse brain. <i>Developmental Brain Research</i> , 2003 , 140, 287-97		27
82	Effects of interleukin-10 on neonatal excitotoxic brain lesions in mice. <i>Developmental Brain Research</i> , 2003 , 141, 25-32		75
81	Patterns of cerebral inflammatory response in a rabbit model of intrauterine infection-mediated brain lesion. <i>Developmental Brain Research</i> , 2003 , 145, 39-48		47
80	Perinatal and early postnatal changes in the expression of monocarboxylate transporters MCT1 and MCT2 in the rat forebrain. <i>Journal of Comparative Neurology</i> , 2003 , 465, 445-54	3.4	36
79	Potent mammalian cerebroprotection and neuronal cell death inhibition are afforded by a synthetic antioxidant analogue of marine invertebrate cell protectant othiols. <i>European Journal of Neuroscience</i> , 2003 , 18, 1110-20	3.5	22
78	Neuroprotective properties of tianeptine: interactions with cytokines. <i>Neuropharmacology</i> , 2003 , 44, 801-9	5.5	36
77	Early microglial activation following neonatal excitotoxic brain damage in mice: a potential target for neuroprotection. <i>Neuroscience</i> , 2003 , 121, 619-28	3.9	173
76	Classical conditioning of breathing pattern after two acquisition trials in 2-day-old mice. <i>Journal of Applied Physiology</i> , 2003 , 94, 812-8	3.7	26

75	Delayed white matter injury in a murine model of shaken baby syndrome. <i>Brain Pathology</i> , 2002 , 12, 320-8		39
74	Role of spin trapping and P2Y receptor antagonism in the neuroprotective effects of 2,2'-pyridylisatogen tosylate and related compounds. <i>European Journal of Pharmacology</i> , 2002 , 444, 53-60	5.3	8
73	Melatonergic neuroprotection of the murine periventricular white matter against neonatal excitotoxic challenge. <i>Annals of Neurology</i> , 2002 , 51, 82-92	9.4	151
72	Ventilatory control in newborn mice prenatally exposed to cocaine. <i>Pediatric Pulmonology</i> , 2002 , 34, 434-41	3.5	6
71	Depression of hypoxic arousal response in adolescent mice following antenatal vasoactive intestinal polypeptide blockade. <i>Journal of Physiology</i> , 2002 , 540, 691-9	3.9	11
70	Selective activation of central subtypes of the nicotinic acetylcholine receptor has opposite effects on neonatal excitotoxic brain injuries. <i>FASEB Journal</i> , 2002 , 16, 423-5	0.9	83
69	The neuronal migration defect in mice with Zellweger syndrome (Pex5 knockout) is not caused by the inactivity of peroxisomal beta-oxidation. <i>Journal of Neuropathology and Experimental Neurology</i> , 2002 , 61, 368-74	3.1	39
68	Effects of alpha(2)-adrenoceptor agonists on perinatal excitotoxic brain injury: comparison of clonidine and dexmedetomidine. <i>Anesthesiology</i> , 2002 , 96, 134-41	4.3	136
67	The impact of neonatal intensive care practices on the developing brain. <i>Journal of Pediatrics</i> , 2002 , 140, 646-53	3.6	90
66	Neuroprotection in the newborn infant: interactions between stress, glutamate, glucocorticoids and development. <i>Developmental Medicine and Child Neurology</i> , 2001 , 86, 10-2	3.3	1
65	mRNA D(2) dopaminergic receptor expression after hypoxia-ischemia in rat immature brain. <i>Neonatology</i> , 2001 , 80, 68-73	4	4
64	Deletion of the hypoxia-response element in the vascular endothelial growth factor promoter causes motor neuron degeneration. <i>Nature Genetics</i> , 2001 , 28, 131-8	36.3	848
63	The neuroprotective activity of 8-alkylamino-1,4-benzoxazine antioxidants. <i>European Journal of Pharmacology</i> , 2001 , 424, 189-94	5.3	25
62	Caffeine does not affect excitotoxic brain lesions in newborn mice. <i>European Journal of Paediatric Neurology</i> , 2001 , 5, 161-5	3.8	4
61	Caffeine-induced telencephalic vesicle evagination in early post-implantation mouse embryos involves cAMP-dependent protein kinase (PKA) inhibition. <i>Cerebral Cortex</i> , 2001 , 11, 343-9	5.1	13
60	Deleterious effects of IL-9-activated mast cells and neuroprotection by antihistamine drugs in the developing mouse brain. <i>Pediatric Research</i> , 2001 , 50, 222-30	3.2	48
59	Environmental factors and disturbances of brain development. <i>Seminars in Fetal and Neonatal Medicine</i> , 2001 , 6, 185-94		30
58	Fetal and neonatal cerebral infarcts. <i>Neonatology</i> , 2001 , 79, 236-40	4	9

57	Neurotoxic effects of fluorinated glucocorticoid preparations on the developing mouse brain: role of preservatives. <i>Pediatric Research</i> , 2001 , 50, 706-11	3.2	68
56	Neuroprotective effects of leptin in vivo and in vitro. <i>NeuroReport</i> , 2001 , 12, 3947-51	1.7	78
55	Nociceptin/orphanin FQ exacerbates excitotoxic white-matter lesions in the murine neonatal brain. <i>Journal of Clinical Investigation</i> , 2001 , 107, 457-66	15.9	60
54	VIP and PACAP 38 modulate ibotenate-induced neuronal heterotopias in the newborn hamster neocortex. <i>Journal of Neuropathology and Experimental Neurology</i> , 2000 , 59, 1051-62	3.1	19
53	Proinflammatory cytokines and interleukin-9 exacerbate excitotoxic lesions of the newborn murine neopallium. <i>Annals of Neurology</i> , 2000 , 47, 54-63	9.4	183
52	Neuronal migration disorder in Zellweger mice is secondary to glutamate receptor dysfunction. <i>Annals of Neurology</i> , 2000 , 48, 336-343	9.4	41
51	Docosahexaenoic acid deficit is not a major pathogenic factor in peroxisome-deficient mice. <i>Laboratory Investigation</i> , 2000 , 80, 31-5	5.9	47
50	Caffeine induces in vivo premature appearance of telencephalic vesicles. <i>Developmental Brain Research</i> , 2000 , 121, 213-7		16
49	Mechanisms and disturbances of neuronal migration. <i>Pediatric Research</i> , 2000 , 48, 725-30	3.2	75
48	Prenatal blockade of vasoactive intestinal peptide alters cell death and synaptic equipment in the murine neocortex. <i>Pediatric Research</i> , 2000 , 47, 53-63	3.2	17
47	Intrauterine infection induces programmed cell death in rabbit periventricular white matter. <i>Pediatric Research</i> , 2000 , 47, 736-42	3.2	120
46	Proinflammatory cytokines and interleukin-9 exacerbate excitotoxic lesions of the newborn murine neopallium 2000 , 47, 54		3
45	Vasoactive intestinal peptide regulates embryonic growth through the action of activity-dependent neurotrophic factor. <i>Annals of the New York Academy of Sciences</i> , 1999 , 897, 92-100	6.5	14
44	VIP neuroprotection against excitotoxic lesions of the developing mouse brain. <i>Annals of the New York Academy of Sciences</i> , 1999 , 897, 109-24	6.5	25
43	Activity-dependent neurotrophic factor-14 requires protein kinase C and mitogen-associated protein kinase activation to protect the developing mouse brain against excitotoxicity. <i>Journal of Molecular Neuroscience</i> , 1999 , 13, 199-210	3.3	21
42	Activity-dependent neurotrophic factor: a potent regulator of embryonic growth and development. <i>Anatomy and Embryology</i> , 1999 , 200, 65-71		23
41	Glycine antagonist and NO synthase inhibitor protect the developing mouse brain against neonatal excitotoxic lesions. <i>Pediatric Research</i> , 1999 , 45, 337-42	3.2	23
40	Long-term evolution of excitotoxic cortical dysgenesis induced in the developing rat brain. <i>Developmental Brain Research</i> , 1998 , 109, 109-13		36

39	In contrast to cocaine, prenatal exposure to methadone does not produce detectable alterations in the developing mouse brain. <i>Developmental Brain Research</i> , 1998 , 110, 61-7		20
38	Iron supplementation aggravates periventricular cystic white matter lesions in newborn mice. <i>European Journal of Paediatric Neurology</i> , 1998 , 2, 313-8	3.8	33
37	Vasoactive intestinal peptide shortens both G1 and S phases of neural cell cycle in whole postimplantation cultured mouse embryos. <i>European Journal of Neuroscience</i> , 1998 , 10, 1734-42	3.5	41
36	Involvement of pituitary adenylate cyclase-activating polypeptide II vasoactive intestinal peptide 2 receptor in mouse neocortical astrocytogenesis. <i>Journal of Neurochemistry</i> , 1998 , 70, 2165-73	6	45
35	Regulation of neuroprotective action of vasoactive intestinal peptide in the murine developing brain by protein kinase C and mitogen-activated protein kinase cascades: in vivo and in vitro studies. <i>Journal of Neurochemistry</i> , 1998 , 70, 2574-84	6	38
34	Excitability changes and glucose metabolism in experimentally induced focal cortical dysplasias. <i>Cerebral Cortex</i> , 1998 , 8, 623-34	5.1	35
33	Microlissencephaly: a heterogeneous malformation of cortical development. <i>Neuropediatrics</i> , 1998 , 29, 113-9	1.6	84
32	Mechanisms of cerebral dysgenesis. <i>Current Opinion in Pediatrics</i> , 1998 , 10, 556-60	3.2	8
31	Magnesium deficiency-dependent audiogenic seizures (MDDASs) in adult mice: a nutritional model for discriminatory screening of anticonvulsant drugs and original assessment of neuroprotection properties. <i>Journal of Neuroscience</i> , 1998 , 18, 4363-73	6.6	67
30	Neurobehavioral development of neonatal mice following blockade of VIP during the early embryonic period. <i>Peptides</i> , 1997 , 18, 1131-7	3.8	44
29	Growth factor properties of VIP during early brain development. Whole embryo culture and in vivo studies. <i>Annals of the New York Academy of Sciences</i> , 1997 , 814, 152-60	6.5	23
28	Growth of the early postimplantation embryo. Regulation by high-affinity, GTP-insensitive VIP receptors. <i>Annals of the New York Academy of Sciences</i> , 1997 , 814, 174-80	6.5	2
27	A mouse model for Zellweger syndrome. <i>Nature Genetics</i> , 1997 , 17, 49-57	36.3	226
26	Caffeine-induced disturbances of early neurogenesis in whole mouse embryo cultures. <i>Brain Research</i> , 1997 , 773, 213-6	3.7	35
25	Maternal protein restriction early in rat pregnancy alters brain development in the progeny. <i>Developmental Brain Research</i> , 1997 , 103, 21-35		69
24	Vasoactive intestinal peptide prevents excitotoxic cell death in the murine developing brain. <i>Journal of Clinical Investigation</i> , 1997 , 100, 390-7	15.9	143
23	Arrest of neuronal migration by excitatory amino acids in hamster developing brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 15463-8	11.5	86
22	Developmental spectrum of the excitotoxic cascade induced by ibotenate: a model of hypoxic insults in fetuses and neonates. <i>Neuropathology and Applied Neurobiology</i> , 1996 , 22, 498-502	5.2	30

21	Role of tissue factor in embryonic blood vessel development. <i>Nature</i> , 1996 , 383, 73-5	50.4	588
20	Prevention by magnesium of excitotoxic neuronal death in the developing brain: an animal model for clinical intervention studies. <i>Developmental Medicine and Child Neurology</i> , 1995 , 37, 473-84	3.3	113
19	Disruption of murine Hexa gene leads to enzymatic deficiency and to neuronal lysosomal storage, similar to that observed in Tay-Sachs disease. <i>Mammalian Genome</i> , 1995 , 6, 844-9	3.2	60
18	Effect of ibotenate on brain development: an excitotoxic mouse model of microgyria and posthypoxic-like lesions. <i>Journal of Neuropathology and Experimental Neurology</i> , 1995 , 54, 358-70	3.1	209
17	Transplacental cocaine exposure: a mouse model demonstrating neuroanatomic and behavioral abnormalities. <i>Journal of Child Neurology</i> , 1994 , 9, 234-41	2.5	75
16	Herpes simplex virus type 1 DNA persistence, progressive disease and transgenic immediate early gene promoter activity in chronic corneal infections in mice. <i>Journal of General Virology</i> , 1994 , 75 (Pt 6), 1201-10	4.9	41
15	Distribution of VIP mRNA and two distinct VIP binding sites in the developing rat brain: relation to ontogenic events. <i>Journal of Comparative Neurology</i> , 1994 , 342, 186-205	3.4	70
14	In situ polymerase chain reaction: localization of HSV-2 DNA sequences in infections of the nervous system. <i>Journal of Virological Methods</i> , 1994 , 46, 61-83	2.6	52
13	HSV-2 DNA persistence in astrocytes of the trigeminal root entry zone: double labeling by in situ PCR and immunohistochemistry. <i>Journal of Neuropathology and Experimental Neurology</i> , 1994 , 53, 127-35	3.1	19
12	In situ PCR localization of herpes simplex virus DNA sequences in disseminated neonatal herpes encephalitis. <i>Journal of Neuropathology and Experimental Neurology</i> , 1994 , 53, 469-82	3.1	19
11	Severe microcephaly induced by blockade of vasoactive intestinal peptide function in the primitive neuroepithelium of the mouse. <i>Journal of Clinical Investigation</i> , 1994 , 94, 2020-7	15.9	97
10	The glial fascicle: an ontogenic and phylogenic unit guiding, supplying and distributing mammalian cortical neurons. <i>Developmental Brain Research</i> , 1993 , 76, 272-7		44
9	Detection of viral DNA in neonatal herpes encephalitis autopsy tissues by solution-phase PCR: comparison with pathology and immunohistochemistry. <i>Brain Pathology</i> , 1993 , 3, 237-50	6	13
8	Growth factor function of vasoactive intestinal peptide in whole cultured mouse embryos. <i>Nature</i> , 1993 , 362, 155-8	50.4	244
7	The germinative zone produces the most cortical astrocytes after neuronal migration in the developing mammalian brain. <i>Neonatology</i> , 1992 , 61, 4-24	4	102
6	Early neurogenesis and teratogenesis in whole mouse embryo cultures. Histochemical, immunocytological and ultrastructural study of the premigratory neuronal-glial units in normal mouse embryo and in mouse embryos influenced by cocaine and retinoic acid. <i>Journal of Neuropathology and Experimental Neurology</i> , 1992 , 51, 206-19	3.1	49
5	Cocaine-induced disturbances of corticogenesis in the developing murine brain. <i>Neuroscience Letters</i> , 1992 , 140, 113-6	3.3	110
4	Molecular mechanisms of neonatal brain injury and neural rescue		16-32

3 Lissencephaly, Genetics of 1-8

2 Perinatal IL-1 β -Induced Inflammation Suppresses Tbr2+ Intermediate Progenitor Cell Proliferation in the Developing Hippocampus accompanied by Long-Term Behavioral Deficits 1

1 Loss of the Wnt/ β -catenin pathway in microglia of the developing brain drives pro-inflammatory activation leading to white matter injury 3