

CITATION REPORT

List of articles citing

Timetables of neurogenesis in the human brain based on experimentally determined patterns in the rat

DOI: PM/8361683

NeuroToxicology, 1993, 14, 83-144.

Source: <https://exaly.com/paper-pdf/129961991/citation-report.pdf>

Version: 2024-04-20

This report has been generated based on the citations recorded by exaly.com for the above article. 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.

#	Paper	IF	Citations
658	Hereditary cerebellar vermis defect in the Lewis rat. 1994 , 83, 294-8		11
657	Morphine inhibits Purkinje cell survival and dendritic differentiation in organotypic cultures of the mouse cerebellum. 1994 , 130, 95-105		48
656	Selective vulnerability of late-generated dopaminergic neurons of the substantia nigra in weaver mutant mice. 1995 , 92, 9137-40		39
655	Selective in vitro blockade of neuroepithelial cells proliferation by methylazoxymethanol, a molecule capable of inducing long lasting functional impairments. 1995 , 41, 640-7		53
654	Ethanol inhibits muscarinic receptor-stimulated phosphoinositide metabolism and calcium mobilization in rat primary cortical cultures. 1995 , 20, 939-49		23
653	Time of neuron origin and gradients of neurogenesis in midbrain dopaminergic neurons in the mouse. 1995 , 105, 191-9		137
652	Systematic differences in time of dopaminergic neuron origin between normal mice and homozygous weaver mutants. 1995 , 105, 200-8		20
651	Changes in protein kinase C and its presynaptic substrate B-50/GAP-43 after intrauterine exposure to methylazoxy-methanol, a treatment inducing cortical and hippocampal damage and cognitive deficit in rats. <i>European Journal of Neuroscience</i> , 1995 , 7, 899-906	3.5	23
650	Article Commentary: Development of the Human Striatum: Implications for Fetal Striatal Transplantation in the Treatment of Huntington's Disease. 1995 , 4, 539-545		33
649	The effects of cocaine on cerebral metabolic function in periweanling rats: the roles of serotonergic and dopaminergic uptake blockade. 1995 , 88, 158-70		15
648	Reactive neurogenesis during regeneration of the lesioned medial cerebral cortex of lizards. 1995 , 68, 823-36		44
647	Prenatal cocaine exposure affects the acoustic startle response in adult rat. 1996 , 75, 83-90		18
646	Acetylcholine as a mitogen: muscarinic receptor-mediated proliferation of rat astrocytes and human astrocytoma cells. <i>European Journal of Pharmacology</i> , 1996 , 297, 265-73	5.3	140
645	Differential translocation of protein kinase C isozymes in rats characterized by a chronic lack of LTP induction and cognitive impairment. 1996 , 393, 121-3		12
644	Expression of alpha 2 adrenoceptors during rat brain development--II. Alpha 2C messenger RNA expression and [3H]rauwolscine binding. 1997 , 76, 261-72		83
643	Transforming growth factor-beta 2 both stimulates and inhibits neurogenesis of rat cerebellar granule cells in culture. 1996 , 96, 46-51		26
642	Neonatal methamphetamine-induced long-term acoustic startle facilitation in rats as a function of prepulse stimulus intensity. 1996 , 18, 135-9		20

641	Alcohol exposure during development alters hypothalamic neurotransmitter concentrations. <i>Journal of Neural Transmission</i> , 1996 , 103, 55-67	4-3	8
640	Effect of perinatal lead exposure on rat behaviour in open-field and two-way avoidance tasks. 1996 , 79, 150-6		106
639	Embryological origin for autism: developmental anomalies of the cranial nerve motor nuclei. <i>Journal of Comparative Neurology</i> , 1996 , 370, 247-61	3-4	431
638	Quantification of myelin basic protein in the human fetal spinal cord during the midtrimester of gestation. <i>Journal of Comparative Neurology</i> , 1996 , 376, 306-14	3-4	5
637	Animal model of autism based on developmental data. 1996 , 2, 249-256		7
636	Methods for detecting long-term CNS dysfunction after prenatal exposure to neurotoxins. 1997 , 20, 387-99		27
635	Immortalizing central nervous system cells. 2001 , Chapter 3, Unit 3.7		
634	Cellular and molecular neuropathology of schizophrenia: new directions from developmental neurobiology. 1997 , 27, 169-80		9
633	Cerebroglycan, a developmentally regulated cell-surface heparan sulfate proteoglycan, is expressed on developing axons and growth cones. 1997 , 184, 320-32		59
632	Brainstem, cerebellar and limbic neuroanatomical abnormalities in autism. 1997 , 7, 269-78		387
631	Neuronal changes in the basolateral complex during development of the amygdala of the rat. <i>International Journal of Developmental Neuroscience</i> , 1997 , 15, 755-65	2-7	56
630	Organization and Histochemical Phenotype of Human Fetal Cerebellar Cells following Transplantation into the Cerebellum of Nude Mice. 1997 , 6, 479-489		6
629	Increased presynaptic protein kinase C activity and glutamate release in rats with a prenatally induced hippocampal lesion. <i>European Journal of Neuroscience</i> , 1997 , 9, 472-9	3-5	15
628	Anatomical gradients in proliferation and differentiation of embryonic rat CNS accessed by buoyant density fractionation: alpha 3, beta 3 and gamma 2 GABAA receptor subunit co-expression by post-mitotic neocortical neurons correlates directly with cell buoyancy. <i>European Journal of Neuroscience</i> , 1997 , 9, 507-22	3-5	33
627	A behavioral and neuroanatomical investigation of the lethality caused by gestational day 11-13 retinoic acid exposure. 1997 , 19, 347-53		19
626	Behavioral effects of low-dose gestational day 11-13 retinoic acid exposure. 1997 , 19, 355-62		33
625	Alcohol exposure during development alters social recognition and social communication in rats. 1997 , 19, 383-9		46
624	Long-term postnatal effect of prenatal irradiation on the astrocyte proliferative response to brain injury. 1997 , 770, 237-41		16

623	Toluene abuse embryopathy: longitudinal neurodevelopmental effects of prenatal exposure to toluene in rats. 1998 , 12, 119-26		37
622	Heart rate orienting and respiratory sinus arrhythmia development in rats exposed to alcohol or hypoxia. 1998 , 20, 193-202		10
621	CYP2D1 polymorphism in methamphetamine-treated rats: genetic differences in neonatal mortality and effects on spatial learning and acoustic startle. 1998 , 20, 265-73		27
620	Early environmental factors in autism. 1998 , 4, 121-128		35
619	Region-specific expression of cyclin-dependent kinase 5 (cdk5) and its activators, p35 and p39, in the developing and adult rat central nervous system. 1998 , 35, 141-59		108
618	The effects of neonatal basal forebrain lesions on cognition: towards understanding the developmental role of the cholinergic basal forebrain. <i>International Journal of Developmental Neuroscience</i> , 1998 , 16, 603-12	2.7	33
617	Acquisition of a Fixed Ratio Schedule in Adult Male Rats Neonatally Exposed to Ethanol and/or Cocaine. <i>Alcoholism: Clinical and Experimental Research</i> , 1999 , 23, 7-11	3.7	8
616	Effects of prenatal gamma-irradiation on postnatal astroglialogenesis in the hippocampal formation of rat. 1999 , 816, 628-32		9
615	Chronic haloperidol alters dopamine receptors: effects of cocaine exposure during the preweaning period. <i>European Journal of Pharmacology</i> , 1999 , 370, 241-9	5.3	4
614	The effects of neonatal cocaine exposure on a play-rewarded spatial discrimination task in juvenile rats. <i>Pharmacology Biochemistry and Behavior</i> , 1999 , 62, 137-43	3.9	11
613	Behavioral sensitization to apomorphine in adult rats exposed to cocaine during the preweaning period: a preliminary study. <i>Pharmacology Biochemistry and Behavior</i> , 1999 , 63, 417-21	3.9	14
612	Neurobehavioral effects of perinatal AZT exposure in Sprague-Dawley adult rats. 1999 , 21, 359-63		15
611	The behavioral response to novelty is altered in rats neonatally exposed to cocaine. 1999 , 35, 343-351		5
610	Characterization of dopaminergic midbrain neurons in a DBH:BDNF transgenic mouse. <i>Journal of Comparative Neurology</i> , 1999 , 413, 449-62	3.4	30
609	Perinatal Exposure to CNS-Active Medications. 1999 , 12, 451-470		6
608	Developmental neuroplasticity in a model of cerebral hemispherectomy and stroke. 2000 , 95, 625-37		49
607	The developmental changes of the "paraclaustral reservoir" of migrating cells in the rat brain: a study using morphometric and in situ DNA end labeling techniques. 1999 , 48, 615-21		1
606	Mitogen and substrate differentially affect the lineage restriction of adult rat subventricular zone neural precursor cell populations. 1999 , 252, 75-95		128

605	Immortalized neural cell lines for CNS transplantation. 2000 , 127, 49-65		20
604	99mTc annexin V imaging of neonatal hypoxic brain injury. 2000 , 31, 2692-700		45
603	Mitotically active cells that generate neurons and astrocytes are present in multiple regions of the adult mouse hippocampus. <i>Journal of Comparative Neurology</i> , 2000 , 424, 397-408	3-4	147
602	The morphological development of neurons derived from EGF- and FGF-2-driven human CNS precursors depends on their site of integration in the neonatal rat brain. <i>European Journal of Neuroscience</i> , 2000 , 12, 2405-13	3-5	52
601	Effects of prenatal cocaine exposure on dopamine system development: a meta-analysis. 2000 , 22, 617-29		48
600	Prewaning treatment with methamphetamine induces increases in both corticosterone and ACTH in rats. 2000 , 22, 751-9		51
599	Early postnatal cocaine exposure causes sequential, dose-dependent, enduring but reversible supersensitivity in 5-HT _{2A} receptor-mediated function during development in male mice. 2000 , 22, 61-9		5
598	Evaluation of neonatal exposure to cocaine on learning, activity, startle, scent marking, immobility, and plasma cocaine concentrations. 2000 , 22, 255-65		27
597	Effects of prenatal alcohol exposure on social behavior in humans and other species. 2000 , 22, 143-9		202
596	Prenatal exposure of rats to valproic acid reproduces the cerebellar anomalies associated with autism. 2000 , 22, 319-24		275
595	The effects of neonatal ethanol and/or cocaine exposure on isolation-induced ultrasonic vocalizations. <i>Pharmacology Biochemistry and Behavior</i> , 2000 , 67, 1-9	3-9	41
594	The growth of the feline brain from late fetal into adult life. I. A morphometric study of the neocortex and white matter. 2000 , 122, 11-20		16
593	The growth of the feline brain from fetal into adult life. II. A morphometric study of subcortical nuclei. 2000 , 122, 21-33		6
592	Effects of neonatal rat Borna disease virus (BDV) infection on the postnatal development of the brain monoaminergic systems. 2000 , 119, 179-85		53
591	Distinct pattern of neuronal degeneration in the fetal rat brain induced by consecutive transplacental administration of methylmercury. 2000 , 859, 233-9		30
590	Intrauterine methylmercury intoxication. Consequence of the inherent brain lesions and cognitive dysfunction in maturity. 2000 , 877, 322-30		46
589	The expression of Cdk5, p35, p39, and Cdk5 kinase activity in developing, adult, and aged rat brains. 2000 , 25, 923-9		43
588	Critical periods of vulnerability for the developing nervous system: evidence from humans and animal models. 2000 , 108 Suppl 3, 511-33		1813

587	Mechanisms underlying Children's susceptibility to environmental toxicants. 2000 , 108 Suppl 1, 13-21		183
586	Cortical plasticity and the development of behavior after early frontal cortical injury. 2000 , 18, 423-44		72
585	Differentiating between low and high susceptibility to schizophrenia in twins: the significance of dermatoglyphic indices in relation to other determinants of brain development. 2001 , 52, 181-93		34
584	Solid human embryonic spinal cord xenografts in acute and chronic spinal cord cavities: a morphological and functional study. 2001 , 170, 305-16		24
583	Differential patterns of nerve growth factor, brain-derived neurotrophic factor and neurotrophin-3 mRNA and protein levels in developing regions of rat brain. 2001 , 103, 739-61		93
582	Translating developmental time across mammalian species. 2001 , 105, 7-17		982
581	Alterations induced by gestational stress in brain morphology and behaviour of the offspring. 2001 , 65, 427-51		644
580	Methods to identify and characterize developmental neurotoxicity for human health risk assessment. III: pharmacokinetic and pharmacodynamic considerations. 2001 , 109 Suppl 1, 101-11		53
579	Methods to identify and characterize developmental neurotoxicity for human health risk assessment: overview. 2001 , 109 Suppl 1, 77-8		12
578	Susceptibility to kindling and neuronal connections of the anterior claustrum. 2001 , 21, 3674-87		62
577	3,4-methylenedioxymethamphetamine (ecstasy)-induced learning and memory impairments depend on the age of exposure during early development. 2001 , 21, 3228-35		107
576	Methods to identify and characterize developmental neurotoxicity for human health risk assessment. II: neuropathology. 2001 , 109 Suppl 1, 93-100		39
575	AZT distribution in the fetal and postnatal rat central nervous system. 2001 , 90, 1964-71		8
574	Effect of nicotine on cerebellar granule neuron development. <i>European Journal of Neuroscience</i> , 2001 , 13, 48-56	3.5	1
573	Qualitative and quantitative estimates of apoptosis from birth to senescence in the rat brain. 2001 , 8, 345-56		71
572	Spatial distribution, cellular integration and stage development of Parkin protein in <i>Xenopus</i> brain. 2001 , 126, 31-41		14
571	Developmental lead exposure in rats: is a behavioral sequel extended at F2 generation?. <i>Pharmacology Biochemistry and Behavior</i> , 2001 , 68, 743-51	3.9	21
570	Differential behavioral responses to chronic amphetamine in adult male and female rats exposed to postnatal cocaine treatment. <i>Pharmacology Biochemistry and Behavior</i> , 2001 , 69, 219-24	3.9	29

569	Behavioral responses to dopamine agonists in adult rats exposed to cocaine during the preweaning period. <i>Pharmacology Biochemistry and Behavior</i> , 2001 , 70, 23-30	3.9	18
568	Effects of acute and repeated methamphetamine treatment on the ultrasonic vocalizations of postnatal rats. <i>Pharmacology Biochemistry and Behavior</i> , 2001 , 70, 273-8	3.9	6
567	Adaptation and habituation to an open field and responses to various stressful events in animals with neonatal lesions in the amygdala or ventral hippocampus. 2001 , 918, 153-65		71
566	5-Lipoxygenase is required for proliferation of immature cerebellar granule neurons in vitro. <i>European Journal of Pharmacology</i> , 2001 , 418, 15-22	5.3	29
565	Plasma and brain methamphetamine concentrations in neonatal rats. 2001 , 23, 81-8		13
564	Impairment of spatial learning following preweaning cocaine exposure in the adult rat. 2001 , 23, 445-51		22
563	Alcohol-Induced Damage to the Developing Brain: Functional Approaches Using Classical Eyeblink Conditioning. 2002 , 135-153		
562	Amygdala or ventral hippocampal lesions at two early stages of life differentially affect open field behaviour later in life; an animal model of neurodevelopmental psychopathological disorders. 2002 , 131, 67-78		44
561	The effects of neonatal lesions in the amygdala or ventral hippocampus on social behaviour later in life. 2002 , 136, 571-82		83
560	Developmental Studies of Eyeblink Conditioning in the Rat. 2002 , 105-134		2
559	A model of the development of the brain as a construct of the thyroid system. 2002 , 110 Suppl 3, 337-48		395
558	Classical Eyeblink Conditioning in Normal and Autistic Children. 2002 , 143-162		1
557	Changes of steroidogenic acute regulatory protein mRNA expression in postnatal rat development. 2002 , 139, 247-54		19
556	Therapeutic effects of complex motor training on motor performance deficits induced by neonatal binge-like alcohol exposure in rats: II. A quantitative stereological study of synaptic plasticity in female rat cerebellum. 2002 , 937, 83-93		79
555	Methamphetamine exposure from postnatal day 11 to 20 causes impairments in both behavioral strategies and spatial learning in adult rats. 2002 , 958, 312-21		48
554	Projections from the amygdaloid complex to the claustrum and the endopiriform nucleus: a Phaseolus vulgaris leucoagglutinin study in the rat. <i>Journal of Comparative Neurology</i> , 2002 , 451, 236-49 ^{3,4}		43
553	Effect of delay interval on classical eyeblink conditioning in 5-month-old human infants. 2002 , 41, 329-40		21
552	Ultrasonic vocalizations and maternal-infant interactions in a rat model of fetal alcohol syndrome. 2002 , 41, 341-51		62

551	Using eyeblink classical conditioning as a test of the functional consequences of exposure of the developing cerebellum to alcohol. 2003 , 38, 45-64		2
550	Impaired spatial and sequential learning in rats treated neonatally with D-fenfluramine. <i>European Journal of Neuroscience</i> , 2002 , 16, 491-500	3-5	95
549	Selective and Enduring Deficits in Spatial Learning After Limited Neonatal Binge Alcohol Exposure in Male Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2002 , 26, 83-93	3-7	70
548	Selective vulnerability of cerebellar granule neuroblasts and their progeny to drugs with abuse liability. 2003 , 2, 184-95		24
547	Refining the critical period for methamphetamine-induced spatial deficits in the Morris water maze. 2003 , 168, 329-38		74
546	Critical periods for ethanol-induced cell loss in the hippocampal formation. 2003 , 25, 519-28		123
545	Prenatal 3,4-methylenedioxymethamphetamine (ecstasy) alters exploratory behavior, reduces monoamine metabolism, and increases forebrain tyrosine hydroxylase fiber density of juvenile rats. 2003 , 25, 509-17		47
544	Long-term effects of neonatal methamphetamine exposure in rats on spatial learning in the Barnes maze and on cliff avoidance, corticosterone release, and neurotoxicity in adulthood. 2003 , 147, 163-75		62
543	Methamphetamine-induced gene expression profiles in the striatum of male rat pups exposed to the drug in utero. 2003 , 147, 153-62		12
542	Developmental 3,4-methylenedioxymethamphetamine (MDMA) impairs sequential and spatial but not cued learning independent of growth, litter effects or injection stress. 2003 , 968, 89-101		55
541	Ontogeny of voltage-sensitive calcium channel alpha(1A) and alpha(1E) subunit expression and synaptic function in rat central nervous system. 2003 , 142, 47-65		21
540	A delayed increase in hippocampal proliferation following global asphyxia in the neonatal rat. 2003 , 142, 67-76		40
539	Higher expression of alpha7 nicotinic acetylcholine receptors in human fetal compared to adult brain. 2003 , 142, 151-60		31
538	Blunted metabolic response to SKF 82958 in the mesolimbic system following preweaning cocaine treatment. 2003 , 143, 253-9		4
537	Neonatal 3,4-methylenedioxymethamphetamine (ecstasy) alters dopamine and serotonin neurochemistry and increases brain-derived neurotrophic factor in the forebrain and brainstem of the rat. 2003 , 147, 177-82		37
536	Prenatal development of the rodent rostral migratory stream. <i>Journal of Comparative Neurology</i> , 2003 , 463, 402-18	3-4	64
535	The cholinergic basal forebrain system during development and its influence on cognitive processes: important questions and potential answers. 2003 , 27, 401-11		71
534	Developmental regulation of nicotinic acetylcholine receptor-mediated [³ H]norepinephrine release from rat cerebellum. 2003 , 84, 952-9		32

533	Repeated variable prenatal stress alters pre- and postsynaptic gene expression in the rat frontal pole. 2003 , 86, 736-48		136
532	Long-term changes in postnatal susceptibility to pilocarpine-induced seizures in rats exposed to gamma radiation at different stages of prenatal development. 2003 , 44, 1267-73		21
531	Developmental D-methamphetamine treatment selectively induces spatial navigation impairments in reference memory in the Morris water maze while sparing working memory. 2003 , 48, 138-48		78
530	Developmental Binge Exposure to Ethanol and Artificial Rearing Do Not Affect the Social Transfer of Diet Preference. <i>Alcoholism: Clinical and Experimental Research</i> , 2003 , 27, 686-694	3-7	3
529	Current status of developmental neurotoxicity: an industry perspective. 2003 , 140-141, 161-9		30
528	Immune activation during pregnancy in rats leads to a postpubertal emergence of disrupted latent inhibition, dopaminergic hyperfunction, and altered limbic morphology in the offspring: a novel neurodevelopmental model of schizophrenia. 2003 , 28, 1778-89		397
527	Effects of alcohol exposure during development on social behavior in rats. 2003 , 78, 185-94		44
526	Preferential limbic expression of the cannabinoid receptor mRNA in the human fetal brain. 2003 , 118, 681-94		101
525	Expression of opioid peptides and receptors in striatum and substantia nigra during rat brain development. 2003 , 26, 17-36		26
524	Spatial memory deficits induced by perinatal treatment of rats with PCP and reversal effect of D-serine. 2004 , 29, 1080-90		113
523	Structural effects and neurofunctional sequelae of developmental exposure to psychotherapeutic drugs: experimental and clinical aspects. 2004 , 56, 103-47		57
522	Neurodevelopment and endocrine disruption. 2004 , 112, 944-9		180
521	Memory consolidation and reconsolidation in the rat pup require protein synthesis. 2004 , 24, 10488-92		45
520	Inorganic lead exposure in the rat activates striatal cFOS expression at lower blood levels and inhibits amphetamine-induced cFOS expression at higher blood levels. 2004 , 310, 815-20		6
519	An evaluation of neurobehavioral tests used to assess the neurodevelopmental effects of early ammonium perchlorate exposure. 2004 , 67, 835-44		4
518	Neonatal methamphetamine administration induces region-specific long-term neuronal morphological changes in the rat hippocampus, nucleus accumbens and parietal cortex. <i>European Journal of Neuroscience</i> , 2004 , 19, 3165-70	3-5	30
517	Age dependence of organophosphate and carbamate neurotoxicity in the postnatal rat: extrapolation to the human. 2004 , 196, 287-302		93
516	Absorption and clearance of +/-3,4-methylenedioxymethamphetamine from the plasma of neonatal rats. 2004 , 26, 849-56		11

515	Prewaning cocaine exposure alters brain glucose metabolic rates following repeated amphetamine administration in the adult rat. 2004 , 153, 127-34		2
514	The effects of ethanol on the developing cerebellum and eyeblink classical conditioning. 2004 , 3, 178-87		51
513	Effects of neonatal exposure to methamphetamine: catecholamine levels in brain areas of the developing rat. 2004 , 1025, 602-11		17
512	Altered prepulse inhibition in rats treated prenatally with the antimetabolic Ara-C: an animal model for sensorimotor gating deficits in schizophrenia. 2004 , 174, 177-89		18
511	Prenatal cocaine exposure decreases nigrostriatal dopamine release in vitro: effects of age and sex. 2004 , 53, 74-89		21
510	2003 Warkany Lecture: Autism as a birth defect. 2004 , 70, 1-6		14
509	Neurogenesis and stereological morphometry of calretinin-immunoreactive GABAergic interneurons of the neostriatum. <i>Journal of Comparative Neurology</i> , 2004 , 469, 325-39	3-4	129
508	Emergence of long-term memory for conditioned aversion in the rat fetus. 2004 , 44, 189-98		40
507	Early eyelid opening enhances spontaneous alternation and accelerates the development of perforant path synaptic strength in the hippocampus of juvenile rats. 2004 , 45, 1-9		30
506	Schizophrenia and season of birth: relationship to geomagnetic storms. 2004 , 66, 7-20		25
505	Neurofunctional deficits and potentiated apoptosis by neonatal NMDA antagonist administration. 2004 , 153, 367-76		210
504	Mechanisms leading to disseminated apoptosis following NMDA receptor blockade in the developing rat brain. 2004 , 16, 440-53		136
503	Behavioral and growth effects induced by low dose methamphetamine administration during the neonatal period in rats. <i>International Journal of Developmental Neuroscience</i> , 2004 , 22, 273-83	2-7	34
502	Prenatal intravenous cocaine and the heart rate-orienting response: a dose-response study. <i>International Journal of Developmental Neuroscience</i> , 2004 , 22, 285-96	2-7	17
501	Exposure to 3,4-methylenedioxymethamphetamine (MDMA) on postnatal days 11-20 induces reference but not working memory deficits in the Morris water maze in rats: implications of prior learning. <i>International Journal of Developmental Neuroscience</i> , 2004 , 22, 247-59	2-7	53
500	Cocaine-induced inhibition of process outgrowth in locus coeruleus neurons: role of gestational exposure period and offspring sex. <i>International Journal of Developmental Neuroscience</i> , 2004 , 22, 297-308		13
499	Developmental neuropathology of environmental agents. 2004 , 44, 87-110		245
498	The prenatal methylazoxymethanol acetate treatment: a neurodevelopmental animal model for schizophrenia?. 2004 , 149, 159-81		35

497	Folic acid deficiency during late gestation decreases progenitor cell proliferation and increases apoptosis in fetal mouse brain. 2004 , 134, 162-6		126
496	A strong epileptogenic effect of mechanical injury can be reduced in the dysplastic rat brain. Long-term consequences of early prenatal gamma-irradiation. 2005 , 66, 165-72		4
495	Congenital brain dysplasias of different genesis can differently affect susceptibility to pilocarpine- or kainic acid-induced seizures in the rat. 2005 , 67, 123-31		9
494	Altered mesencephalic dopaminergic populations in adulthood as a consequence of brief perinatal glucocorticoid exposure. 2005 , 17, 475-82		68
493	Gestational nicotine exposure reduces nicotinic cholinergic receptor (nAChR) expression in dopaminergic brain regions of adolescent rats. <i>European Journal of Neuroscience</i> , 2005 , 22, 380-8	3.5	67
492	Ventricular size mapping in a transgenic model of schizophrenia. 2005 , 154, 35-44		19
491	Learning in the Place navigation task, not the New-learning task, is altered by prenatal methamphetamine exposure. 2005 , 157, 217-9		36
490	Fetal origin of adverse pregnancy outcome: the water disinfectant by-product chloroacetonitrile induces oxidative stress and apoptosis in mouse fetal brain. 2005 , 159, 1-11		21
489	Effects of prenatal stress on anxiety and social interactions in adult rats. 2005 , 160, 265-74		75
488	3,4-Methylenedioxymethamphetamine administration on postnatal day 11 in rats increases pituitary-adrenal output and reduces striatal and hippocampal serotonin without altering SERT activity. 2005 , 1039, 97-107		29
487	Effects of neonatal alcohol and/or cocaine exposure on stress in juvenile and adult female rats. 2005 , 27, 55-63		5
486	Perinatal AZT exposure alters the acoustic and tactile startle response to 8-OH-DPAT and apomorphine in adult rats. 2005 , 27, 599-608		3
485	Neonatal ethanol exposure but not neonatal cocaine selectively reduces specific isolation-induced vocalization waveforms in rats. 2005 , 35, 93-102		29
484	Learning and memory after neonatal exposure to 3,4-methylenedioxymethamphetamine (ecstasy) in rats: interaction with exposure in adulthood. 2005 , 57, 148-59		34
483	Perinatal anoxia degrades auditory system function in rats. 2005 , 102, 19156-61		16
482	Neuropathological studies on cycloate-induced neuronal cell death in the rat brain. <i>NeuroToxicology</i> , 2005 , 26, 125-32	4.4	4
481	Late effect of prenatal irradiation on the hippocampal histology and brain weight in adult mice. <i>International Journal of Developmental Neuroscience</i> , 2005 , 23, 307-13	2.7	14
480	Prenatal exposure to a repeated variable stress paradigm elicits behavioral and neuroendocrinological changes in the adult offspring: potential relevance to schizophrenia. 2005 , 156, 251-61		255

479	Modeling developmental processes in animals: applications in neurodevelopmental toxicology. 2005 , 19, 615-24		6
478	Development of the norepinephrine transporter in the rat CNS. 2005 , 130, 107-17		59
477	Risk for schizophrenia--broadening the concepts, pushing back the boundaries. 2005 , 79, 5-13		68
476	Proteomic analysis of hypoxia/ischemia-induced alteration of cortical development and dopamine neurotransmission in neonatal rat. 2006 , 5, 2396-404		44
475	Could neonatal testosterone replacement prevent alterations induced by prenatal stress in male rats?. 2006 , 78, 2767-71		32
474	Recent progress in animal modeling of immune inflammatory processes in schizophrenia: implication of specific cytokines. <i>Neuroscience Research</i> , 2006 , 56, 2-13	2.9	145
473	Schizophrenia: a unique translational opportunity in behavioral neuroendocrinology. 2006 , 50, 602-11		22
472	Ethanol exposure during development reduces resident aggression and testosterone in rats. 2006 , 87, 330-7		28
471	Prenatal cocaine alters later responses to morphine in adult male mice. 2006 , 30, 1073-82		18
470	Specificity of prenatal cocaine on inhibition of locus coeruleus neurite outgrowth. 2006 , 139, 899-907		20
469	Maternal dietary (n-3) fatty acid deficiency alters neurogenesis in the embryonic rat brain. 2006 , 136, 1570-5		150
468	Prenatal stress suppresses cell proliferation in the early developing brain. 2006 , 17, 1515-8		57
467	The effect of prenatal hypoxia on brain development: short- and long-term consequences demonstrated in rodent models. 2006 , 9, 338-49		72
466	Perinatal subplate neuron injury: implications for cortical development and plasticity. 2005 , 15, 250-60		121
465	Comparison of monoamine and corticosterone levels 24 h following (+)methamphetamine, (+/-)3,4-methylenedioxymethamphetamine, cocaine, (+)fenfluramine or (+/-)methylphenidate administration in the neonatal rat. 2006 , 98, 1369-78		33
464	Reinforcing effects of central ethanol injections in newborn rat pups. <i>Alcoholism: Clinical and Experimental Research</i> , 2006 , 30, 2089-96	3.7	20
463	The effects of moderate neonatal ethanol exposure on eyeblink conditioning and deep cerebellar nuclei neuron numbers in the rat. 2006 , 39, 135-50		18
462	Effects of postnatal exposure to methamphetamine on the development of the rat retina. 2006 , 1074, 604-19		8

461	The effects of repeated corticosteroid administration on the neurogenesis in the neonatal rat. 2006 , 194, 231-8	37
460	Treatment with MDMA from P11-20 disrupts spatial learning and path integration learning in adolescent rats but only spatial learning in older rats. 2006 , 189, 307-18	35
459	Neonatal 3,4-methylenedioxymethamphetamine (MDMA) exposure alters neuronal protein kinase A activity, serotonin and dopamine content, and [35S]GTPgammaS binding in adult rats. 2006 , 1077, 178-86	21
458	Dynamic changes of apoptosis and expression of Bcl-2 family members in the posthatch hippocampus of Bengalese finches. 2006 , 1107, 58-69	
457	Developmental neuropathology in DNT-studies--a sensitive tool for the detection and characterization of developmental neurotoxicants. 2006 , 22, 196-213	16
456	Prenatal cocaine dampened behavioral responses to methylphenidate in male and female adolescent rats. 2006 , 28, 165-72	9
455	Persistent neurobehavioral effects of early postnatal domoic acid exposure in rats. 2006 , 28, 673-80	38
454	Synaptophysin protein and mRNA expression in the human hippocampal formation from birth to old age. 2006 , 16, 645-54	32
453	Brains with different degrees of dysplasia show different patterns of neurodegenerative changes following pilocarpine-induced seizures. Histologic evidence of tissue damage correlated with MRI data. 2006 , 28, 453-60	6
452	Adverse neurodevelopmental effects of dexamethasone modeled in PC12 cells: identifying the critical stages and concentration thresholds for the targeting of cell acquisition, differentiation and viability. 2006 , 31, 1647-58	25
451	MAM and Other "Lesion" Models of Developmental Epilepsy. 2006 , 305-313	3
450	Perinatal glucocorticoid treatment disrupts the hypothalamo-lactotroph axis in adult female, but not male, rats. 2006 , 147, 1904-15	20
449	Gestational mercury vapor exposure and diet contribute to mercury accumulation in neonatal rats. 2006 , 114, 735-9	15
448	A 'best practices' approach to neuropathologic assessment in developmental neurotoxicity testing--for today. 2006 , 34, 296-313	62
447	Identification of astrocyte-expressed factors that modulate neural stem/progenitor cell differentiation. 2006 , 15, 407-21	234
446	Ontogeny of the adrenal response to (+)-methamphetamine in neonatal rats: the effect of prior drug exposure. 2006 , 9, 153-63	25
445	Computational models of neocortical neuronogenesis and programmed cell death in the developing mouse, monkey, and human. 2007 , 17, 2433-42	45
444	Sex- and histamine-dependent long-term cognitive effects of methamphetamine exposure. 2007 , 32, 665-72	36

443	Methylphenidate administration to juvenile rats alters brain areas involved in cognition, motivated behaviors, appetite, and stress. 2007 , 27, 7196-207		89
442	Neurotransmitters and brain maturation: early paracrine actions of GABA and glutamate modulate neuronal migration. 2007 , 13, 268-79		96
441	Modest thyroid hormone insufficiency during development induces a cellular malformation in the corpus callosum: a model of cortical dysplasia. 2007 , 148, 2593-7		84
440	Age-dependent effects of neonatal methamphetamine exposure on spatial learning. 2007 , 18, 549-62		36
439	Neurotoxicological effects of a thrombin-like enzyme isolated from <i>Crotalus durissus terrificus</i> venom (preliminary study). 2007 , 50, 144-52		11
438	Stress during development: Impact on neuroplasticity and relevance to psychopathology. 2007 , 81, 197-217		169
437	Role of cyclophilin D in the resistance of brain mitochondria to the permeability transition. 2007 , 28, 1532-42		55
436	Cocaine exposure in vitro induces apoptosis in fetal locus coeruleus neurons by altering the Bax/Bcl-2 ratio and through caspase-3 apoptotic signaling. 2007 , 144, 509-21		50
435	Behavioral and anatomical abnormalities in <i>Mecp2</i> mutant mice: a model for Rett syndrome. 2007 , 146, 907-21		164
434	Effects of prenatal infection on prepulse inhibition in the rat depend on the nature of the infectious agent and the stage of pregnancy. 2007 , 181, 270-7		190
433	Apoptotic natural cell death in developing primate dopamine midbrain neurons occurs during a restricted period in the second trimester of gestation. 2007 , 204, 802-7		18
432	Gender differences in prodynorphin but not proenkephalin mRNA expression in the striatum of adolescent rats exposed to prenatal cocaine. 2007 , 421, 213-7		8
431	The evaluation of early embryonic neurogenesis after exposure to the genotoxic agent 5-bromo-2'-deoxyuridine in mice. <i>NeuroToxicology</i> , 2007 , 28, 780-9	4.4	29
430	Extrapolating brain development from experimental species to humans. <i>NeuroToxicology</i> , 2007 , 28, 931-7	4.4	622
429	Sex mediates dopamine and adrenergic receptor expression in adult rats exposed prenatally to cocaine. <i>International Journal of Developmental Neuroscience</i> , 2007 , 25, 445-54	2.7	13
428	The effect of route, vehicle, and divided doses on the pharmacokinetics of chlorpyrifos and its metabolite trichloropyridinol in neonatal Sprague-Dawley rats. 2007 , 100, 360-73		29
427	Evolution of the Deuterostome Central Nervous System: An Intercalation of Developmental Patterning Processes with Cellular Specification Processes. 2007 , 1-24		14
426	Prenatal cannabis exposure increases heroin seeking with allostatic changes in limbic enkephalin systems in adulthood. <i>Biological Psychiatry</i> , 2007 , 61, 554-63	7.9	102

425	Succimer chelation improves learning, attention, and arousal regulation in lead-exposed rats but produces lasting cognitive impairment in the absence of lead exposure. 2007 , 115, 201-9		37
424	The International society for developmental psychobiology 39th annual meeting symposium: Alcohol and development: beyond fetal alcohol syndrome. 2007 , 49, 227-42		43
423	Binge-like ethanol exposure during the early postnatal period impairs eyeblink conditioning at short and long CS-US intervals in rats. 2007 , 49, 589-605		25
422	Time course of cerebellar morphological development in postnatal ferrets: ontogenetic and comparative perspectives. <i>Journal of Comparative Neurology</i> , 2007 , 501, 916-30	3-4	6
421	Early postnatal alcohol exposure reduced the size of vibrissal barrel field in rat somatosensory cortex (SI) but did not disrupt barrel field organization. 2007 , 41, 253-61		8
420	Early adversity and alcohol availability persistently modify serotonin and hypothalamic-pituitary-adrenal-axis metabolism and related behavior: what experimental research on rodents and primates can tell us. 2007 , 31, 172-80		28
419	Developmental effects of +/-3,4-methylenedioxymethamphetamine on spatial versus path integration learning: effects of dose distribution. 2007 , 61, 488-99		23
418	Alcohol exposure during development: analysis of effects on female sexual behavior. <i>Alcoholism: Clinical and Experimental Research</i> , 2007 , 31, 2065-72	3-7	10
417	Anxiety induced by prenatal stress is associated with suppression of hippocampal genes involved in synaptic function. 2007 , 101, 1018-30		58
416	Cocaine exposure in vitro induces apoptosis in fetal locus coeruleus neurons through TNF-alpha-mediated induction of Bax and phosphorylated c-Jun NH(2)-terminal kinase. 2007 , 103, 542-56		26
415	Ethanol-exposed neonatal rats are impaired as adults in classical eyeblink conditioning at multiple unconditioned stimulus intensities. 2007 , 1150, 155-66		12
414	Prenatal stress generates deficits in rat social behavior: Reversal by oxytocin. 2007 , 1156, 152-67		210
413	Support for selection of a methamphetamine cleanup standard in Colorado. 2007 , 48, 102-14		15
412	Neonatal (+)-methamphetamine increases brain derived neurotrophic factor, but not nerve growth factor, during treatment and results in long-term spatial learning deficits. 2007 , 32, 734-45		36
411	The effect of trichlorfon and methylazoxymethanol on the development of guinea pig cerebellum. 2007 , 219, 128-35		15
410	Postnatal dietary choline supplementation alters behavior in a mouse model of Rett syndrome. 2007 , 26, 473-80		86
409	Web-based method for translating neurodevelopment from laboratory species to humans. 2007 , 5, 79-94		250
408	Combined exposure to nicotine and ethanol throughout full gestation results in enhanced acquisition of nicotine self-administration in young adult rat offspring. 2007 , 193, 199-213		44

407	Gender differences in the effects of prenatal stress on brain development and behaviour. 2007 , 32, 1730-40	277
406	The insulin-like growth factor system and the fetal brain: effects of poor maternal nutrition. 2007 , 8, 71-84	22
405	Diffuse alterations in synaptic protein expression following focal traumatic brain injury in the immature rat. 2007 , 23, 1171-9	24
404	(+)-Methamphetamine increases corticosterone in plasma and BDNF in brain more than forced swim or isolation in neonatal rats. 2008 , 62, 110-21	42
403	Nicotine and brain development. 2008 , 84, 30-44	185
402	The long-term behavioural consequences of prenatal stress. 2008 , 32, 1073-86	777
401	Alcohol exposure during the first two trimesters-equivalent alters the development of corpus callosum projection neurons in the rat. 2008 , 42, 285-93	19
400	Exploratory behavior in rats postnatally exposed to cocaine and housed in an enriched environment. 2008 , 1139, 358-65	4
399	Short- and long-term effects of (+)-methamphetamine and (+/-)-3,4-methylenedioxymethamphetamine on monoamine and corticosterone levels in the neonatal rat following multiple days of treatment. 2008 , 104, 1674-85	41
398	Brain heparanase expression is up-regulated during postnatal development and hypoxia-induced neovascularization in adult rats. 2008 , 105, 34-45	22
397	A genomic analysis of subclinical hypothyroidism in hippocampus and neocortex of the developing rat brain. 2008 , 20, 1319-38	74
396	Perinatal delta-9-tetrahydrocannabinol exposure disrupts social and open field behavior in adult male rats. 2008 , 30, 213-9	34
395	Effects of postnatal ethanol exposure at different developmental phases on neurotrophic factors and phosphorylated proteins on signal transductions in rat brain. 2008 , 30, 228-36	20
394	Neonatal nicotine exposure impairs development of auditory temporal processing. 2008 , 245, 58-64	18
393	Effects of neonatal (+)-methamphetamine on path integration and spatial learning in rats: effects of dose and rearing conditions. <i>International Journal of Developmental Neuroscience</i> , 2008 , 26, 599-610	2.7 61
392	Ketamine: the best partner for isoflurane in neonatal anesthesia?. 2008 , 71, 868-71	8
391	Studies with neuronal cells: From basic studies of mechanisms of neurotoxicity to the prediction of chemical toxicity. 2008 , 22, 1350-5	44
390	Effects of alcohol exposure during development on play behavior and c-Fos expression in response to play behavior. 2008 , 188, 209-18	36

389	Evaluation of a neurodevelopmental model of schizophrenia--early postnatal PCP treatment in attentional set-shifting. 2008 , 190, 160-3	60
388	Endocannabinoid signaling controls pyramidal cell specification and long-range axon patterning. 2008 , 105, 8760-5	217
387	The temporal dynamics of consolidation and reconsolidation decrease during postnatal development. 2008 , 15, 434-42	11
386	Survival, differentiation, and migration of bioreactor-expanded human neural precursor cells in a model of Parkinson disease in rats. 2008 , 24, E8	23
385	Eyeblink classical conditioning in the preweanling lamb. 2008 , 122, 722-9	10
384	Developmental effects of 3,4-methylenedioxymethamphetamine: a review. 2008 , 19, 91-111	51
383	A unifying model for timing of walking onset in humans and other mammals. 2009 , 106, 21889-93	52
382	Long-term cognitive impairments in adult rats treated neonatally with beta-N-Methylamino-L-Alanine. 2009 , 112, 185-95	63
381	Interaction between environmental and genetic factors modulates schizophrenic endophenotypes in the Snap-25 mouse mutant blind-drunk. 2009 , 18, 4576-89	61
380	(+/-)3,4-Methylenedioxymethamphetamine (MDMA) dose-dependently impairs spatial learning in the morris water maze after exposure of rats to different five-day intervals from birth to postnatal day twenty. 2009 , 31, 107-20	27
379	Tacrolimus (FK506) and cyclosporin A reduce macrophage recruitment to the rat brain injured at perinatal and early postnatal periods. 2009 , 31, 1060-7	5
378	Understanding the role of nutrition in the brain and behavioral development of toddlers and preschool children: identifying and addressing methodological barriers. 2009 , 12, 190-202	72
377	Early-life programming of later-life brain and behavior: a critical role for the immune system. 2009 , 3, 14	422
376	Oligodendrocyte development and the onset of myelination in the human fetal brain. <i>Frontiers in Neuroanatomy</i> , 2009 , 3, 5	3.6 178
375	The dynamic effects of nicotine on the developing brain. 2009 , 122, 125-39	405
374	Binge-like postnatal alcohol exposure triggers cortical gliogenesis in adolescent rats. <i>Journal of Comparative Neurology</i> , 2009 , 514, 259-71	3.4 28
373	Animal models of fetal alcohol spectrum disorders: impact of the social environment. 2009 , 15, 200-8	69
372	Density of cerebellar basket and stellate cells in autism: evidence for a late developmental loss of Purkinje cells. 2009 , 87, 2245-54	88

371	Nutritional factors in a mouse model of Rett syndrome. 2009 , 33, 586-92		5
370	Reversal of cognitive deficits by an ampakine (CX516) and sertindole in two animal models of schizophrenia--sub-chronic and early postnatal PCP treatment in attentional set-shifting. 2009 , 206, 631-40		46
369	Extracellular signal-regulated kinase activation is required for consolidation and reconsolidation of memory at an early stage of ontogenesis. <i>European Journal of Neuroscience</i> , 2009 , 30, 1923-30	3.5	25
368	Excitatory tonus is required for the survival of granule cell precursors during postnatal development within the cerebellum. 2009 , 158, 1364-77		5
367	Long-term behavioral consequences of prenatal MDMA exposure. 2009 , 96, 593-601		32
366	Effects of (+)-methamphetamine on path integration and spatial learning, but not locomotor activity or acoustic startle, align with the stress hypo-responsive period in rats. <i>International Journal of Developmental Neuroscience</i> , 2009 , 27, 289-98	2.7	38
365	Lactational exposure to mercury in experimental models. <i>NeuroToxicology</i> , 2009 , 30, 161-163	4.4	6
364	Interference of ethanol and methylmercury in the developing central nervous system. <i>NeuroToxicology</i> , 2009 , 30, 23-30	4.4	34
363	Effects of prenatal immune activation on hippocampal neurogenesis in the rat. 2009 , 113, 288-97		97
362	The biological restoration of central nervous system architecture and function: part 2-emergence of the realization of adult neurogenesis. 2009 , 64, 581-60; discussion 600-1		8
361	Prenatally undernourished rats show increased preference for wheel running v. lever pressing for food in a choice task. 2009 , 101, 902-8		20
360	Recent studies of iron deficiency during brain development in nonhuman primates. 2010 , 36, 111-6		11
359	The basics of brain development. 2010 , 20, 327-48		943
358	Glucose and corticosterone changes in developing and adult rats following exposure to (+/-)-3,4-methylenedioxymethamphetamine or 5-methoxydiisopropyltryptamine. 2010 , 32, 152-7		9
357	Prenatal MDMA exposure delays postnatal development in the rat: a preliminary study. 2010 , 32, 425-31		10
356	Differential neuronal vulnerability varies according to specific cardiopulmonary bypass insult in a porcine survival model. 2010 , 140, 1408-15.e1-3		6
355	Anaesthesia for urgent and emergency surgery. 2010 , 86, 703-14		10
354	Prenatal stress and brain development. 2010 , 65, 56-79		398

353	Neonatal exposure to citalopram selectively alters the expression of the serotonin transporter in the hippocampus: dose-dependent effects. 2010 , 293, 1920-32		44
352	MK-801 administration during neonatal ethanol withdrawal attenuates interpositus cell loss and juvenile eyeblink conditioning deficits. 2010 , 44, 359-69		11
351	Antiepileptic drugs and brain development. 2010 , 88, 11-22		105
350	Early exposure to haloperidol or olanzapine induces long-term alterations of dendritic form. 2010 , 64, 191-9		41
349	Prenatal effects of antiepileptic drugs. 2010 , 10, 42-6		7
348	MicroRNAs: master regulators of ethanol abuse and toxicity?. <i>Alcoholism: Clinical and Experimental Research</i> , 2010 , 34, 575-87	3-7	144
347	Reversible blunting of arousal from sleep in response to intermittent hypoxia in the developing rat. 2010 , 109, 1686-96		20
346	Altered regulation of glutamate release and decreased functional activity and expression of GLT1 and GLAST glutamate transporters in the hippocampus of adolescent rats perinatally exposed to Delta(9)-THC. 2010 , 61, 334-41		27
345	Molecular correlates of age-dependent seizures in an inherited neonatal-infantile epilepsy. 2010 , 133, 1403-14		136
344	A volumetric analysis of the brain and hippocampus of rats rendered perinatal hypothyroid. 2010 , 479, 240-4		23
343	Magnesium sulfate treatment alters fetal cerebellar gene expression responses to hypoxia. <i>International Journal of Developmental Neuroscience</i> , 2010 , 28, 207-16	2-7	4
342	Effects of inhibiting neonatal methamphetamine-induced corticosterone release in rats by adrenal autotransplantation on later learning, memory, and plasma corticosterone levels. <i>International Journal of Developmental Neuroscience</i> , 2010 , 28, 331-42	2-7	15
341	Effects of maternal food restriction on physical growth and neurobehavior in newborn Wistar rats. 2010 , 83, 1-8		24
340	Enduring consequences of early-life infection on glial and neural cell genesis within cognitive regions of the brain. 2010 , 24, 329-38		99
339	Effect of methamphetamine exposure and cross-fostering on cognitive function in adult male rats. 2010 , 208, 63-71		25
338	Prenatal oxycodone exposure impairs spatial learning and/or memory in rats. 2010 , 212, 27-34		36
337	Assessment of auditory sensory processing in a neurodevelopmental animal model of schizophrenia--gating of auditory-evoked potentials and prepulse inhibition. 2010 , 213, 142-7		21
336	Methylphenidate affects memory, brain-derived neurotrophic factor immunocontent and brain acetylcholinesterase activity in the rat. 2010 , 94, 247-53		62

335	Effects on plasma corticosterone levels and brain serotonin from interference with methamphetamine-induced corticosterone release in neonatal rats. 2010 , 13, 469-80		5
334	Maternal cannabis use alters ventral striatal dopamine D2 gene regulation in the offspring. <i>Biological Psychiatry</i> , 2011 , 70, 763-769	7.9	153
333	Prenatal stress in rat causes long-term spatial memory deficit and hippocampus MRI abnormality: differential effects of postweaning enriched environment. 2011 , 58, 434-41		34
332	Neonatal methylphenidate does not impair adult spatial learning in the Morris water maze in rats. 2011 , 502, 152-6		7
331	The impact of neonatal bisphenol-A exposure on sexually dimorphic hypothalamic nuclei in the female rat. <i>NeuroToxicology</i> , 2011 , 32, 38-49	4.4	64
330	Effects of developmental stress and lead (Pb) on corticosterone after chronic and acute stress, brain monoamines, and blood Pb levels in rats. <i>International Journal of Developmental Neuroscience</i> , 2011 , 29, 45-55	2.7	28
329	Impact of methamphetamine on dopamine neurons in primates is dependent on age: implications for development of Parkinson's disease. 2011 , 189, 277-85		43
328	Cognitive deficits in Rett syndrome: what we know and what we need to know to treat them. 2011 , 96, 637-46		33
327	Effects of exogenous agents on brain development: stress, abuse and therapeutic compounds. 2011 , 17, 470-89		13
326	Adolescent opiate exposure in the female rat induces subtle alterations in maternal care and transgenerational effects on play behavior. 2011 , 2, 29		50
325	Synergy of image analysis for animal and human neuroimaging supports translational research on drug abuse. 2011 , 2, 53		5
324	Corticosterone mediates some but not other behavioural changes induced by prenatal stress in rats. 2011 , 23, 118-28		64
323	Differential effect of prenatal stress on the expression of corticotrophin-releasing hormone and its receptors in the hypothalamus and amygdala in male and female rats. 2011 , 23, 320-8		79
322	Methamphetamine exposure during brain development alters the brain acetylcholine system in adolescent mice. 2011 , 119, 89-99		11
321	Prenatal cocaine exposure: Effects on mother- and teacher-rated behavior problems and growth in school-age children. 2011 , 33, 69-77		36
320	RE: "Absence of neurotoxicity with medicinal grade terbutaline in the rat model" [Owens et al. [J. Reprotox. 1 (2011) 001]. 2011 , 32, 370-371		
319	Acute encephalopathy with inflammation-mediated status epilepticus. 2011 , 10, 99-108		154
318	Sex-dependent changes induced by prenatal stress in cortical and hippocampal morphology and behaviour in rats: an update. 2011 , 14, 604-13		118

317	Prenatal amphetamine exposure effects on dopaminergic receptors and transporter in postnatal rats. 2011 , 36, 1740-9	8
316	Prenatal stress diminishes gender differences in behavior and in expression of hippocampal synaptic genes and proteins in rats. 2011 , 21, 1114-25	49
315	Sexual differentiation and the neuroendocrine hypothesis of autism. 2011 , 294, 1663-70	12
314	Characterization of a rat hypoxia-ischemia model where duration of hypoxia is determined by seizure activity. 2011 , 197, 92-6	6
313	Nicotine exposure during the third trimester equivalent of human gestation: time course of effects on the central cholinergic system of rats. 2011 , 123, 144-54	20
312	Allostasis and the developing human brain: explicit consideration of implicit models. 2011 , 23, 955-74	58
311	Effects of developmental nicotine exposure in rats on decision-making in adulthood. 2012 , 23, 34-42	26
310	Preclinical research into the effects of anesthetics on the developing brain: promises and pitfalls. 2012 , 24, 362-7	24
309	The methylazoxymethanol acetate (MAM-E17) rat model: molecular and functional effects in the hippocampus. 2012 , 37, 364-77	45
308	Developmental neurotoxicity: some old and new issues. 2012 , 2012, 814795	53
307	Neuropathological sequelae of developmental exposure to antiepileptic and anesthetic drugs. 2012 , 3, 120	28
306	Choline supplementation and DNA methylation in the hippocampus and prefrontal cortex of rats exposed to alcohol during development. <i>Alcoholism: Clinical and Experimental Research</i> , 2012 , 36, 1701-9 ³⁻⁷	98
305	Opposing actions of ethanol and nicotine on microRNAs are mediated by nicotinic acetylcholine receptors in fetal cerebral cortical-derived neural progenitor cells. <i>Alcoholism: Clinical and Experimental Research</i> , 2012 , 36, 1669-77	3-7 64
304	Postnatal development of electrophysiological properties of principal neurons in the rat basolateral amygdala. 2012 , 590, 4819-38	61
303	Neonatal citalopram treatment inhibits the 5-HT depleting effects of MDMA exposure in rats. 2012 , 3, 12-21	4
302	Neural development, a risky period. 2012 , 237, 43-5	2
301	Postnatal exposure to trichloroethylene alters glutathione redox homeostasis, methylation potential, and neurotrophin expression in the mouse hippocampus. <i>NeuroToxicology</i> , 2012 , 33, 1518-1527 ⁴	20
300	Smoking during pregnancy: lessons learned from epidemiological studies and experimental studies using animal models. 2012 , 42, 279-303	130

299	Lobeline attenuates neonatal ethanol-mediated changes in hyperactivity and dopamine transporter function in the prefrontal cortex in rats. 2012 , 206, 245-54		11
298	c-Jun N-terminal kinase controls a negative loop in the regulation of glial fibrillary acidic protein expression by retinoic acid. 2012 , 208, 143-9		1
297	Fentanyl administration in infant rats produces long-term behavioral responses. <i>International Journal of Developmental Neuroscience</i> , 2012 , 30, 25-30	2.7	9
296	Juvenile but not adult methamphetamine exposure improves performance in the Morris Water Maze in male rats. <i>International Journal of Developmental Neuroscience</i> , 2012 , 30, 325-31	2.7	10
295	Consequences of early life MK-801 administration: long-term behavioural effects and relevance to schizophrenia research. 2012 , 227, 276-86		53
294	Delayed developmental changes in neonatal vocalizations correlates with variations in ventral medial hypothalamus and central amygdala development in the rodent infant: effects of prenatal cocaine. 2012 , 235, 166-75		18
293	Prenatal ethanol exposure stimulates neurogenesis in hypothalamic and limbic peptide systems: possible mechanism for offspring ethanol overconsumption. 2012 , 222, 417-28		41
292	Sevoflurane exposure in 7-day-old rats affects neurogenesis, neurodegeneration and neurocognitive function. 2012 , 28, 499-508		89
291	Hyperactivity, increased nicotine consumption and impaired performance in the five-choice serial reaction time task in adolescent rats prenatally exposed to nicotine. 2012 , 223, 401-15		43
290	Mechanisms of ethanol-induced death of cerebellar granule cells. 2012 , 11, 145-54		65
289	Negative modulation of GABAA α receptors by RO4938581 attenuates discrete sub-chronic and early postnatal phencyclidine (PCP)-induced cognitive deficits in rats. 2012 , 221, 451-68		47
288	Susceptibility to a parkinsonian toxin varies during primate development. 2012 , 235, 273-81		10
287	Dose-dependent effects of neonatal SSRI exposure on adult behavior in the rat. 2012 , 1429, 52-60		36
286	Ethanol exposure during pregnancy persistently attenuates cranially directed blood flow in the developing fetus: evidence from ultrasound imaging in a murine second trimester equivalent model. <i>Alcoholism: Clinical and Experimental Research</i> , 2012 , 36, 748-58	3.7	45
285	Selective effects of perinatal ethanol exposure in medial prefrontal cortex and nucleus accumbens. 2012 , 34, 128-35		44
284	Effects of neonatal methamphetamine treatment on adult stress-induced corticosterone release in rats. 2012 , 34, 136-42		4
283	Behavioral deficits and cellular damage following developmental ethanol exposure in rats are attenuated by CP-101,606, an NMDAR antagonist with unique NR2B specificity. <i>Pharmacology Biochemistry and Behavior</i> , 2012 , 100, 545-53	3.9	10
282	Sex differences in anxiety-like behavior and locomotor activity following prenatal and postnatal methamphetamine exposure in adult rats. 2012 , 105, 364-70		31

281	Cholinesterase inhibition and toxicokinetics in immature and adult rats after acute or repeated exposures to chlorpyrifos or chlorpyrifos-oxon. 2012 , 63, 209-24		34
280	Clonidine abolishes the adverse effects on apoptosis and behaviour after neonatal ketamine exposure in mice. 2012 , 56, 1058-65		34
279	Altered spatial learning, cortical plasticity and hippocampal anatomy in a neurodevelopmental model of schizophrenia-related endophenotypes. <i>European Journal of Neuroscience</i> , 2012 , 36, 2773-81	3-5	9
278	Differential mRNA expression of neuroimmune markers in the hippocampus of infant mice following toluene exposure during brain developmental period. 2012 , 32, 126-34		17
277	Reversal of prenatal morphine exposure-induced memory deficit in male but not female rats. 2013 , 50, 58-69		30
276	Impairment of novel object recognition in adulthood after neonatal exposure to diazinon. 2013 , 87, 753-62		10
275	A schizophrenia rat model induced by early postnatal phencyclidine treatment and characterized by Magnetic Resonance Imaging. 2013 , 250, 1-8		9
274	Prenatal stress alters the behavior and dendritic morphology of the medial orbitofrontal cortex in mouse offspring during lactation. <i>International Journal of Developmental Neuroscience</i> , 2013 , 31, 505-11	2-7	14
273	G9a-mediated histone methylation regulates ethanol-induced neurodegeneration in the neonatal mouse brain. 2013 , 54, 475-85		78
272	Prenatal exposure to nicotine stimulates neurogenesis of orexigenic peptide-expressing neurons in hypothalamus and amygdala. 2013 , 33, 13600-11		34
271	Neonatal ethanol exposure results in dose-dependent impairments in the acquisition and timing of the conditioned eyeblink response and altered cerebellar interpositus nucleus and hippocampal CA1 unit activity in adult rats. 2013 , 47, 447-57		16
270	Influence of aripiprazole and olanzapine on behavioral dysfunctions of adolescent rats exposed to stress in perinatal period. 2013 , 65, 30-43		16
269	Neurophysiologic measures of auditory function in fish consumers: associations with long chain polyunsaturated fatty acids and methylmercury. <i>NeuroToxicology</i> , 2013 , 38, 147-57	4-4	3
268	Neurobehavioral phenotype of C57BL/6J mice prenatally and neonatally exposed to cigarette smoke. 2013 , 35, 34-45		36
267	A "double hit" murine model for schizophrenia shows alterations in the structure and neurochemistry of the medial prefrontal cortex and the hippocampus. 2013 , 59, 126-40		33
266	Cytoarchitectural, behavioural and neurophysiological dysfunctions in the BCNU-treated rat model of cortical dysplasia. <i>European Journal of Neuroscience</i> , 2013 , 37, 150-62	3-5	7
265	Anandamide-CB1 receptor signaling contributes to postnatal ethanol-induced neonatal neurodegeneration, adult synaptic, and memory deficits. 2013 , 33, 6350-66		73
264	Brain development in rodents and humans: Identifying benchmarks of maturation and vulnerability to injury across species. 2013 , 106-107, 1-16		1018

263	Repeated potentiation of the metabotropic glutamate receptor 5 and the alpha 7 nicotinic acetylcholine receptor modulates behavioural and GABAergic deficits induced by early postnatal phencyclidine (PCP) treatment. 2013 , 72, 157-68	16
262	Role of the hypothalamic-pituitary-adrenal axis in developmental programming of health and disease. 2013 , 34, 27-46	100
261	Cell age-specific vulnerability of neurons to anesthetic toxicity. 2013 , 73, 695-704	88
260	Effects of prenatal cocaine exposure on child behavior and growth at 10 years of age. 2013 , 40, 1-8	32
259	Methamidophos exposure during the early postnatal period of mice: immediate and late-emergent effects on the cholinergic and serotonergic systems and behavior. 2013 , 134, 125-39	15
258	Comparison of Brain Maturation among Species: An Example in Translational Research Suggesting the Possible Use of Bumetanide in Newborn. 2013 , 4, 36	50
257	Increased anxiety-like behavior but no cognitive impairments in adult rats exposed to constant light conditions during perinatal development. 2013 , 118, 222-7	14
256	Cognitive impairments from developmental exposure to serotonergic drugs: citalopram and MDMA. 2013 , 16, 1383-94	18
255	Os efeitos do estresse na função do eixo hipotálamo-pituitário-adrenal em indivíduos com esquizofrenia. 2013 , 40, 20-27	3
254	Expression of transient receptor potential channels in the ependymal cells of the developing rat brain. 2013 , 46, 68-78	16
253	Alteration of imprinted Dlk1-Dio3 miRNA cluster expression in the entorhinal cortex induced by maternal immune activation and adolescent cannabinoid exposure. 2014 , 4, e452	44
252	Impaired GABAergic inhibition in the prefrontal cortex of early postnatal phencyclidine (PCP)-treated rats. 2014 , 24, 2522-32	18
251	Adrenal disorders and the paediatric brain: pathophysiological considerations and clinical implications. 2014 , 2014, 282489	15
250	New approaches to the management of schizophrenia: focus on aberrant hippocampal drive of dopamine pathways. 2014 , 8, 887-96	20
249	Prenatal Stress, Poverty, and Child Outcomes. 2014 , 31, 577-590	17
248	Brain dysplasia evoked by gamma irradiation at different stages of prenatal development leads to different tonic and clonic seizure reactivity. 2014 , 108, 66-80	11
247	Effects of prenatal propofol exposure on postnatal development in rats. 2014 , 43, 51-8	16
246	Neonatal phencyclidine administration and post-weaning social isolation as a dual-hit model of 'schizophrenia-like' behaviour in the rat. 2014 , 231, 2533-45	32

245	Significant long-term, but not short-term, hippocampal-dependent memory impairment in adult rats exposed to alcohol in early postnatal life. 2014 , 56, 1316-26		15
244	In vitro and in vivo characterisation of Lu AF64280, a novel, brain penetrant phosphodiesterase (PDE) 2A inhibitor: potential relevance to cognitive deficits in schizophrenia. 2014 , 231, 3151-67		29
243	Effects of prenatal chronic mild stress exposure on hippocampal cell proliferation, expression of GSK-3 β and NR2B in adult offspring during fear extinction in rats. <i>International Journal of Developmental Neuroscience</i> , 2014 , 35, 16-24	2.7	7
242	Infant toxicology: state of the science and considerations in evaluation of safety. 2014 , 70, 68-83		24
241	Prenatal poly I:C age-dependently alters cannabinoid type 1 receptors in offspring: a longitudinal small animal PET study using [(18)F]MK-9470. 2014 , 257, 162-9		12
240	Ethanol induced acetylation of histone at G9a exon1 and G9a-mediated histone H3 dimethylation leads to neurodegeneration in neonatal mice. 2014 , 258, 422-32		66
239	Brain regional vulnerability to anaesthesia-induced neuroapoptosis shifts with age at exposure and extends into adulthood for some regions. 2014 , 113, 443-51		65
238	Nutrition implications for fetal alcohol spectrum disorder. 2014 , 5, 675-92		57
237	Apoptotic effects of the 'designer drug' methylenedioxypyrovalerone (MDPV) on the neonatal mouse brain. <i>NeuroToxicology</i> , 2014 , 44, 231-6	4.4	16
236	Pre-administration of G9a/GLP inhibitor during synaptogenesis prevents postnatal ethanol-induced LTP deficits and neurobehavioral abnormalities in adult mice. 2014 , 261, 34-43		36
235	Age-related changes in nicotine response of cholinergic and non-cholinergic laterodorsal tegmental neurons: implications for the heightened adolescent susceptibility to nicotine addiction. 2014 , 85, 263-83		18
234	Prenatal caffeine intake differently affects synaptic proteins during fetal brain development. <i>International Journal of Developmental Neuroscience</i> , 2014 , 36, 45-52	2.7	20
233	N-methyl-N-nitrosourea during late gestation results in concomitant but reversible progenitor cell reduction and delayed neurogenesis in the hippocampus of rats. 2014 , 226, 285-93		6
232	Context modulates outcome of perinatal glucocorticoid action in the brain. 2014 , 5, 100		17
231	Impaired arousal in rat pups with prenatal alcohol exposure is modulated by GABAergic mechanisms. 2015 , 3, e12424		6
230	Perinatal 192 IgG-Saporin as Neuroteratogen. 2016 , 29, 111-123		3
229	Neonatal exposure to amphetamine alters social affiliation and central dopamine activity in adult male prairie voles. 2015 , 307, 109-16		3
228	Postnatal ethanol exposure alters levels of 2-arachidonylglycerol-metabolizing enzymes and pharmacological inhibition of monoacylglycerol lipase does not cause neurodegeneration in neonatal mice. 2015 , 134, 276-87		19

227	Fetal and Neonatal HPA Axis. 2015 , 6, 33-62		27
226	Effects of neonatal fluoxetine exposure on behavior across development in rats selectively bred for an infantile affective trait. 2015 , 57, 141-52		26
225	The Role of Maternal Dietary Proteins in Development of Metabolic Syndrome in Offspring. 2015 , 7, 9185-217		56
224	Prenatal stress down-regulates Reelin expression by methylation of its promoter and induces adult behavioral impairments in rats. <i>PLoS ONE</i> , 2015 , 10, e0117680	3-7	44
223	Cognition and Brain Structure Following Early Childhood Surgery With Anesthesia. <i>Pediatrics</i> , 2015 , 136, e1-12	7-4	168
222	DUF1220 protein domains drive proliferation in human neural stem cells and are associated with increased cortical volume in anthropoid primates. 2015 , 220, 3053-60		37
221	Species extrapolation of life-stage physiologically-based pharmacokinetic (PBPK) models to investigate the developmental toxicology of ethanol using in vitro to in vivo (IVIVE) methods. 2015 , 143, 512-35		22
220	Sensitive and critical periods during neurotypical and aberrant neurodevelopment: a framework for neurodevelopmental disorders. 2015 , 50, 180-8		120
219	In vitro models for neurotoxicology research. 2015 , 4, 801-842		23
218	Ketamine administration during the second postnatal week induces enduring schizophrenia-like behavioral symptoms and reduces parvalbumin expression in the medial prefrontal cortex of adult mice. 2015 , 282, 165-75		54
217	Prenatal Stress Alters the Development of Socioemotional Behavior and Amygdala Neuron Excitability in Rats. 2015 , 40, 2135-45		34
216	Genetic and early environmental influences on the serotonin system: consequences for brain development and risk for psychopathology. 2015 , 40, 5-18		79
215	Chronic maternal hyperglycemia induced during mid-pregnancy in rats increases RAGE expression, augments hippocampal excitability, and alters behavior of the offspring. 2015 , 303, 241-60		29
214	Modelling cell cycle synchronisation in networks of coupled radial glial cells. 2015 , 377, 85-97		4
213	Effects of prenatal cocaine exposure on adolescent development. 2015 , 49, 41-8		48
212	A hypothesis about how early developmental methylmercury exposure disrupts behavior in adulthood. 2015 , 114, 41-51		15
211	Anesthetics and the Developing Brain: The Yin and Yang. 2015 , 5, 177-189		1
210	Lead decreases cell survival, proliferation, and neuronal differentiation of primary cultured adult neural precursor cells through activation of the JNK and p38 MAP kinases. 2015 , 29, 1146-55		23

209	Changes induced by prenatal stress in behavior and brain morphology: can they be prevented or reversed?. 2015 , 10, 3-25		21
208	The effects of postnatal alcohol exposure and galantamine on the context pre-exposure facilitation effect and acetylcholine efflux using in vivo microdialysis. 2015 , 49, 193-205		8
207	Brain and Cognitive Development. 2015 , 1-54		14
206	Expanding the test set: Chemicals with potential to disrupt mammalian brain development. 2015 , 52, 25-35		56
205	CB1-receptor knockout neonatal mice are protected against ethanol-induced impairments of DNMT1, DNMT3A, and DNA methylation. 2015 , 132, 429-442		52
204	Juvenile Toxicology: Relevance and Challenges for Toxicologists and Pathologists. 2015 , 43, 1166-71		9
203	Dermatoglyphic correlates of hippocampus volume: Evaluation of aberrant neurodevelopmental markers in antipsychotic-naïve schizophrenia. 2015 , 234, 113-20		4
202	Neurobehavioral Effects from Developmental Methamphetamine Exposure. 2016 , 29, 183-230		21
201	SMN is required for the maintenance of embryonic stem cells and neuronal differentiation in mice. 2015 , 220, 1539-53		9
200	Neonatal nicotine exposure increases excitatory synaptic transmission and attenuates nicotine-stimulated GABA release in the adult rat hippocampus. 2015 , 88, 187-98		11
199	Eliminating medullary 5-HT neurons delays arousal and decreases the respiratory response to repeated episodes of hypoxia in neonatal rat pups. 2016 , 120, 514-25		12
198	Modeling the Maternal Immune Activation Risk Factor for Schizophrenia. 2016 , 23, 175-191		
197	Fetal Alcohol Spectrum Disorders: An Overview from the Glia Perspective. 2015 , 9, 65		62
196	Propofol-Induced Neurotoxicity in the Fetal Animal Brain and Developments in Modifying These Effects-An Updated Review of Propofol Fetal Exposure in Laboratory Animal Studies. <i>Brain Sciences</i> , 2016 , 6,	3.4	9
195	Nervous System. 2016 , 45-87		5
194	Peripheral and central alterations affecting spinal nociceptive processing and pain at adulthood in rats exposed to neonatal maternal deprivation. <i>European Journal of Neuroscience</i> , 2016 , 44, 1952-62	3.5	10
193	Perinatal citalopram does not prevent the effect of prenatal stress on anxiety, depressive-like behaviour and serotonergic transmission in adult rat offspring. <i>European Journal of Neuroscience</i> , 2016 , 43, 590-600	3.5	25
192	Conditioned breathing depression during neonatal life as a function of associating ethanol odor and the drug's intoxicating effects. 2016 , 58, 670-86		10

191	Developmental manganese exposure in combination with developmental stress and iron deficiency: Effects on behavior and monoamines. 2016 , 56, 55-67		16
190	Neonatal Ethanol Exposure Impairs Trace Fear Conditioning and Alters NMDA Receptor Subunit Expression in Adult Male and Female Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2016 , 40, 309-18	3.7	25
189	The acute and delayed effects of perinatal hypoxic brain damage in children and in model experiments with rodents. 2016 , 10, 258-272		5
188	Developmental stress and lead (Pb): Effects of maternal separation and/or Pb on corticosterone, monoamines, and blood Pb in rats. <i>NeuroToxicology</i> , 2016 , 54, 22-33	4.4	15
187	Prenatal fat exposure and hypothalamic PPAR α Possible relationship to increased neurogenesis of orexigenic peptide neurons. 2016 , 79, 16-26		5
186	Perinatal exposure to the selective serotonin reuptake inhibitor citalopram alters spatial learning and memory, anxiety, depression, and startle in Sprague-Dawley rats. <i>International Journal of Developmental Neuroscience</i> , 2016 , 54, 39-52	2.7	37
185	Neuro-immune interactions across development: A look at glutamate in the prefrontal cortex. 2016 , 71, 267-280		24
184	Animal Models for Medication Development and Application to Treat Fetal Alcohol Effects. 2016 , 126, 423-40		8
183	Hydroxyurea Treatment and Development of the Rat Cerebellum: Effects on the Neurogenetic Profiles and Settled Patterns of Purkinje Cells and Deep Cerebellar Nuclei Neurons. <i>Neurotoxicity Research</i> , 2016 , 30, 563-580	4.3	9
182	From the Cover: Volatile Anesthetics Transiently Disrupt Neuronal Development in Neonatal Rats. 2016 , 154, 309-319		14
181	Recognition memory is selectively impaired in adult rats exposed to binge-like doses of ethanol during early postnatal life. 2016 , 57, 55-63		9
180	Ketamine Administration During the Second Postnatal Week Alters Synaptic Properties of Fast-Spiking Interneurons in the Medial Prefrontal Cortex of Adult Mice. 2016 , 26, 1117-29		42
179	The protective role of ascorbic acid on hippocampal CA1 pyramidal neurons in a rat model of maternal lead exposure. 2016 , 74, 5-10		7
178	Windows of sensitivity to toxic chemicals in the motor effects development. 2016 , 74, 93-104		15
177	Prenatal particulate air pollution and neurodevelopment in urban children: Examining sensitive windows and sex-specific associations. 2016 , 87, 56-65		121
176	The impact of prenatal alcohol exposure on social, cognitive and affective behavioral domains: Insights from rodent models. 2016 , 51, 1-15		81
175	Chemically induced acute model of sarcosinemia in wistar rats. 2016 , 31, 363-8		2
174	Neuronal development and axon growth are altered by glyphosate through a WNT non-canonical signaling pathway. <i>NeuroToxicology</i> , 2016 , 52, 150-61	4.4	36

173	Early postnatal nicotine exposure disrupts the α^* nicotinic acetylcholine receptor-mediated control of oriens-lacunosum moleculare cells during adolescence in rats. 2016 , 101, 57-67	11
172	High vitamin A intake during pregnancy modifies dopaminergic reward system and decreases preference for sucrose in Wistar rat offspring. 2016 , 27, 104-11	6
171	Impact of prenatal nicotine on the structure of midbrain dopamine regions in the rat. 2016 , 221, 1939-53	13
170	Neurotoxicity of traffic-related air pollution. <i>NeuroToxicology</i> , 2017 , 59, 133-139	4.4 192
169	In utero exposure to atypical antipsychotic drug, risperidone: Effects on fetal neurotoxicity in hippocampal region and cognitive impairment in rat offspring. 2017 , 75, 35-44	6
168	Human amnion epithelial cells rescue cell death via immunomodulation of microglia in a mouse model of perinatal brain injury. 2017 , 8, 46	31
167	Anesthesia, brain changes, and behavior: Insights from neural systems biology. 2017 , 153, 121-160	28
166	Developmental Neurotoxicity of Traffic-Related Air Pollution: Focus on Autism. 2017 , 4, 156-165	51
165	Adult neurobehavioral alterations in male and female mice following developmental exposure to paracetamol (acetaminophen): characterization of a critical period. 2017 , 37, 1174-1181	26
164	Repeated propofol anesthesia induced downregulation of hippocampal miR-132 and learning and memory impairment of rats. 2017 , 1670, 156-164	24
163	Effects of combined IUGR and prenatal stress on the development of the hippocampus in a fetal guinea pig model. 2017 , 8, 584-596	10
162	Inflammation in the developing rat modulates astroglial reactivity to seizures in the mature brain. 2017 , 231, 366-379	8
161	Intra-generational protein malnutrition impairs temporal astrogenesis in rat brain. 2017 , 6, 931-942	12
160	Phencyclidine administration during neurodevelopment alters network activity in prefrontal cortex and hippocampus in adult rats. 2017 , 118, 1002-1011	11
159	Gene-environment interaction between lead and Apolipoprotein E4 causes cognitive behavior deficits in mice. 2017 , 12, 14	23
158	Points to Consider in Designing and Conducting Juvenile Toxicology Studies. 2017 , 36, 325-339	17
157	A holistic approach to anesthesia-induced neurotoxicity and its implications for future mechanistic studies. 2017 , 60, 24-32	25
156	The Use of Trace Eyeblink Classical Conditioning to Assess Hippocampal Dysfunction in a Rat Model of Fetal Alcohol Spectrum Disorders. 2017 ,	1

155	Dopamine attenuates ethanol-induced neuroapoptosis in the developing rat retina via the cAMP/PKA pathway. 2017 , 16, 1982-1990		8
154	How methamphetamine exposure during different neurodevelopmental stages affects social behavior of adult rats?. 2017 , 179, 391-400		5
153	Prenatal Stress and Neurodevelopmental Plasticity: Relevance to Psychopathology. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 1015, 117-129	3.6	9
152	The great barrier belief: The blood-brain barrier and considerations for juvenile toxicity studies. 2017 , 72, 129-135		20
151	Differential effects of perinatal exposure to antidepressants on learning and memory, acoustic startle, anxiety, and open-field activity in Sprague-Dawley rats. <i>International Journal of Developmental Neuroscience</i> , 2017 , 61, 92-111	2.7	19
150	Postnatal Organ Development as a Complicating Factor in Juvenile Toxicity Studies in Rats. 2017 , 45, 248-252		12
149	Glioblastoma Multiforme and Adult Neurogenesis in the Ventricular-Subventricular Zone: A Review. 2017 , 232, 1596-1601		14
148	Neonatal experiences with ethanol intoxication modify respiratory and thermoregulatory plasticity and affect subsequent ethanol intake in rats. 2017 , 59, 48-59		9
147	Prenatal stressors in rodents: Effects on behavior. <i>Neurobiology of Stress</i> , 2017 , 6, 3-13	7.6	126
146	Modulation of the Hypothalamic-Pituitary-Adrenal Axis by Early Life Stress Exposure. 2017 , 11, 87		242
145	Models of Seizures and Status Epilepticus Early in Life. 2017 , 569-586		0
144	Dysplasia: MAM, Model of Developmental Epilepsy. 2017 , 861-876		1
143	Dysplasias: Cortical Freeze Lesion. 2017 , 845-859		1
142	Ascorbic acid ameliorates lead-induced apoptosis in the cerebellar cortex of developing rats. 2018 , 1686, 10-18		14
141	Prenatal exposure to bisphenol A and hyperactivity in children: a systematic review and meta-analysis. 2018 , 114, 343-356		51
140	Developmental manganese, lead, and barren cage exposure have adverse long-term neurocognitive, behavioral and monoamine effects in Sprague-Dawley rats. 2018 , 67, 50-64		15
139	Effects of Mild Perinatal Hypothyroidism on Cognitive Function of Adult Male Offspring. 2018 , 159, 1910-1921		18
138	Developmental Origins of Stress and Psychiatric Disorders. <i>Methods in Molecular Biology</i> , 2018 , 1735, 47-58	1.4	4

137	Early Life Stress: Consequences for the Development of the Brain. <i>Neuroscience and Behavioral Physiology</i> , 2018 , 48, 233-250	0.3	10
136	Elemental changes of hippocampal formation occurring during postnatal brain development. 2018 , 49, 1-7		5
135	Prenatal exposure to oxidative phosphorylation xenobiotics and late-onset Parkinson disease. 2018 , 45, 24-32		6
134	Environmental Mechanisms of Neurodevelopmental Toxicity. 2018 , 5, 145-157		40
133	Mitigation of postnatal ethanol-induced neuroinflammation ameliorates trace fear memory deficits in juvenile rats. 2018 , 338, 28-31		14
132	Disruptions to the cerebellar GABAergic system in juvenile guinea pigs following preterm birth. <i>International Journal of Developmental Neuroscience</i> , 2018 , 65, 1-10	2.7	13
131	Prenatal exposure to ketamine in rats: Implications on animal models of schizophrenia. 2018 , 60, 30-42		16
130	Embryonic exposure to valproic acid affects the histaminergic system and the social behaviour of adult zebrafish (<i>Danio rerio</i>). 2018 , 175, 797-809		26
129	Volumetric response of the adult brain to seizures depends on the developmental stage when systemic inflammation was induced. 2018 , 78, 280-287		4
128	Maternal adipose tissue becomes a source of fatty acids for the fetus in fasted pregnant rats given diets with different fatty acid compositions. 2018 , 57, 2963-2974		5
127	Dose-dependent neurocognitive deficits following postnatal day 10 HIV-1 viral protein exposure: Relationship to hippocampal anatomy parameters. <i>International Journal of Developmental Neuroscience</i> , 2018 , 65, 66-82	2.7	4
126	Attention Deficit Hyperactivity Disorder in Children and Adults. 2018 , 43-50		
125	Early Postnatal Stress Impairs Cognitive Functions of Male Rats Persisting Until Adulthood. 2018 , 12, 176		5
124	mRNA expression of transient receptor potential melastatin (TRPM) channels 2 and 7 in perinatal brain development. <i>International Journal of Developmental Neuroscience</i> , 2018 , 69, 23-31	2.7	7
123	Memantine rescues prenatal citalopram exposure-induced striatal and social abnormalities in mice. 2018 , 307, 145-154		13
122	CB1R-Mediated Activation of Caspase-3 Causes Epigenetic and Neurobehavioral Abnormalities in Postnatal Ethanol-Exposed Mice. 2018 , 11, 45		15
121	Developmental Neurotoxicity of Alcohol: Effects and Mechanisms of Ethanol on the Developing Brain. 2018 , 2, 115-144		2
120	l-Dopa treatment during perinatal development leads to different behavioral alterations in female vs. male juvenile Swiss mice. <i>Pharmacology Biochemistry and Behavior</i> , 2018 , 173, 1-14	3.9	6

119	Proliferative cells in the rat developing neocortical grey matter: new insights into gliogenesis. 2018 , 223, 4053-4066	4
118	Nicotine and Other Tobacco Compounds in Neurodegenerative and Psychiatric Diseases - Pages 109-136. 2018 , 109-136	
117	Effects of Acute Exposure of Permethrin in Adult and Developing Sprague-Dawley Rats on Acoustic Startle Response and Brain and Plasma Concentrations. 2018 , 165, 361-371	10
116	Plasminogen activator system homeostasis and its dysregulation by ethanol in astrocyte cultures and the developing brain. 2018 , 138, 193-209	6
115	Apoptosis as a Mechanism of Developmental Neurotoxicity. 2018 , 91-112	1
114	Periods of Susceptibility: Interspecies Comparison of Developmental Milestones During Ontogenesis of the Central Nervous System. 2018 , 113-125	2
113	Surgery, Anesthesia, and the Immature Brain. 2019 , 581-603.e9	
112	Ghrelin ameliorates the phenotype of newborn rats induced with mild necrotizing enterocolitis. 2019 , 31, e13682	4
111	A role for hippocampal adult neurogenesis in shifting attention toward novel stimuli. 2019 , 376, 112152	5
110	Experimental Approaches to the Study of Behavioral Impairments Associated with Prenatal Exposure to Alcohol. <i>Neuroscience and Behavioral Physiology</i> , 2019 , 49, 894-902	0.3
109	Preconception and Prenatal Nutrition and Neurodevelopmental Disorders: A Systematic Review and Meta-Analysis. 2019 , 11,	24
108	Defining the Vulnerability Window of Anesthesia-Induced Neuroapoptosis in Developing Dentate Gyrus Granule Cells - A Transgenic Approach Utilizing POMC-EGFP Mice. 2019 , 415, 59-69	2
107	Maternal n-3 PUFAs deficiency during pregnancy inhibits neural progenitor cell proliferation in fetal rat cerebral cortex. <i>International Journal of Developmental Neuroscience</i> , 2019 , 76, 72-79	2.7
106	Learning and Memory Effects of Neonatal Methamphetamine Exposure in Sprague-Dawley Rats: Test of the Role of Dopamine Receptors D1 in Mediating the Long-Term Effects. 2019 , 41, 44-55	4
105	Cognitive and Behavioral Impact on Children Exposed to Opioids During Pregnancy. <i>Pediatrics</i> , 2019 , 144,	7.4 23
104	Developmental impact of air pollution on brain function. 2019 , 131, 104580	28
103	The effects of developmental alcohol exposure on the neurobiology of spatial processing. 2019 , 107, 775-794	9
102	Ontogenetic expression of thyroid hormone signaling genes: An in vitro and in vivo species comparison. <i>PLoS ONE</i> , 2019 , 14, e0221230	3.7 7

101	Nicotine Gateway Effects on Adolescent Substance Use. 2019 , 20, 696-709		38
100	The neonicotinoids acetamiprid and imidacloprid impair neurogenesis and alter the microglial profile in the hippocampal dentate gyrus of mouse neonates. 2019 , 39, 877-887		17
99	Recalibrating the Relevance of Adult Neurogenesis. 2019 , 42, 164-178		101
98	Ca-PKCERK1/2 signaling pathway is involved in the suppressive effect of propofol on proliferation of neural stem cells from the neonatal rat hippocampus. 2019 , 149, 148-155		1
97	Using a Developmental Ecology Framework to Align Fear Neurobiology Across Species. 2019 , 15, 345-369		43
96	Immune Challenge Alters Reactivity of Hippocampal Noradrenergic System in Prenatally Stressed Aged Mice. 2019 , 2019, 3152129		1
95	Prenatal nicotine exposure induces depression-like behavior in adolescent female rats via modulating neurosteroid in the hippocampus. 2019 , 19, 4185-4194		8
94	In Vitro and In Vivo Analysis of the Effects of 3,5-DMA and Its Metabolites in Neural Oxidative Stress and Neurodevelopmental Toxicity. 2019 , 168, 405-419		5
93	Uridine Prevents Negative Effects of OXPHOS Xenobiotics on Dopaminergic Neuronal Differentiation. 2019 , 8,		1
92	Effects of Acute Deltamethrin Exposure in Adult and Developing Sprague Dawley Rats on Acoustic Startle Response in Relation to Deltamethrin Brain and Plasma Concentrations. 2019 , 168, 61-69		7
91	Necrotizing enterocolitis attenuates developmental heart rate variability increases in newborn rats. 2019 , 31, e13484		8
90	Endogenous neuroprotection after perinatal hypoxia-ischaemia: the resilient developing brain. 2019 , 49, 79-99		1
89	Molecular drivers of human cerebral cortical evolution. <i>Neuroscience Research</i> , 2020 , 151, 1-14	2.9	6
88	Prenatal Nicotine Exposure in Rodents: Why Are There So Many Variations in Behavioral Outcomes?. 2020 , 22, 1694-1710		9
87	Maternal psychosocial stress during early gestation impairs fetal structural brain development in sheep. 2020 , 23, 233-242		6
86	Plasticity of the Reward Circuitry After Early-Life Adversity: Mechanisms and Significance. <i>Biological Psychiatry</i> , 2020 , 87, 875-884	7.9	31
85	Early Postnatal Ethanol Exposure in Mice Induces Sex-Dependent Memory Impairment and Reduction of Hippocampal NMDA-R2B Expression in Adulthood. 2020 , 427, 105-115		8
84	Necrotizing enterocolitis: It's not all in the gut. 2020 , 245, 85-95		21

83	Evaluating amino acids as protectants against EN-methylamino-l-alanine-induced developmental neurotoxicity in a rat model. 2020 , 403, 115140		2
82	The Effects of Anesthesia on Adult Hippocampal Neurogenesis. 2020 , 14, 588356		2
81	Changes of EEG spectra in rat brains with different patterns of dysplasia in response to pilocarpine-induced seizures. 2020 , 111, 107288		0
80	Pre-Gestational intake of <i>Lactobacillus helveticus</i> NS8 has anxiolytic effects in adolescent Sprague Dawley offspring. 2020 , 10, e01714		5
79	Influence of Prenatal Methamphetamine Abuse on the Brain.. 2020 , 4,		4
78	Cannabis Use in Pregnant and Breastfeeding Women: Behavioral and Neurobiological Consequences. 2020 , 11, 586447		10
77	Human neocortical development as a basis to understand mechanisms underlying neurodevelopmental disabilities in extremely preterm infants. 2020 , 46, 2242-2250		1
76	Postnatal Ethanol-Induced Neurodegeneration Involves CB1R-Mediated E-Catenin Degradation in Neonatal Mice. <i>Brain Sciences</i> , 2020 , 10,	3.4	1
75	-Adenosine Methionine (SAME) and Valproic Acid (VPA) as Epigenetic Modulators: Special Emphasis on their Interactions Affecting Nervous Tissue during Pregnancy. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
74	Concentrated ambient fine particulate matter (PM) exposure induce brain damage in pre and postnatal exposed mice. <i>NeuroToxicology</i> , 2020 , 79, 127-141	4.4	10
73	Respiratory and emotional reactivity to ethanol odor in human neonates is dependent upon maternal drinking patterns during pregnancy. 2020 , 213, 108100		5
72	Maternal exercise during pregnancy prevents neurocognitive impairments in the juvenile offspring induced by prenatal stress. 2020 , 36, 1-7		
71	Melatonin mitigates hippocampal and cognitive impairments caused by prenatal irradiation. <i>European Journal of Neuroscience</i> , 2020 , 52, 3575-3594	3.5	4
70	Early postnatal l-Dopa treatment causes behavioral alterations in female vs. male young adult Swiss mice. 2020 , 170, 108047		2
69	Evaluation of the dentate gyrus in adult mice exposed to acetaminophen (paracetamol) on postnatal day 10. <i>International Journal of Developmental Neuroscience</i> , 2021 , 81, 91-97	2.7	0
68	Targeting neuroinflammation: The therapeutic potential of E PUFAs in substance abuse. 2021 , 83, 111058		1
67	A novel Oct4/Pou5f1-like non-coding RNA controls neural maturation and mediates developmental effects of ethanol. 2021 , 83, 106943		0
66	DNA methylation at birth potentially mediates the association between prenatal lead (Pb) exposure and infant neurodevelopmental outcomes. 2021 , 7, dvab005		4

65	Prenatal Introduction of Dexamethasone Causes Disruption of Glucocorticoid Feedback Associated with a Change in the Amount of Corticosteroid Receptors in Extrahypothalamic Brain Structures of Adult Rats. 2021 , 15, 24-33		1
64	Animal Models of Depression: What Can They Teach Us about the Human Disease?. 2021 , 11,		23
63	The Impact of Neonatal Methamphetamine on Spatial Learning and Memory in Adult Female Rats. 2021 , 15, 629585		
62	Rapamycin Improves Recognition Memory and Normalizes Amino-Acids and Amines Levels in the Hippocampal Dentate Gyrus in Adult Rats Exposed to Ethanol during the Neonatal Period. <i>Biomolecules</i> , 2021 , 11,	5.9	5
61	Microglia and astrocytes show limited, acute alterations in morphology and protein expression following a single developmental alcohol exposure. 2021 , 99, 2008-2025		3
60	The Neurobiology of Zika Virus: New Models, New Challenges. 2021 , 15, 654078		0
59	An early cell shape transition drives evolutionary expansion of the human forebrain. 2021 , 184, 2084-2102.e19		42
58	Neurotoxicity of Unconjugated Bilirubin in Neonatal Hypoxic-Ischemic Brain Injury. <i>Frontiers in Pediatrics</i> , 2021 , 9, 659477	3.4	2
57	Naringin Supplementation during Pregnancy Induces Sex and Region-Specific Alterations in the Offspring's Brain Redox Status. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	
56	Rapamycin Improves Spatial Learning Deficits, Vulnerability to Alcohol Addiction and Altered Expression of the GluN2B Subunit of the NMDA Receptor in Adult Rats Exposed to Ethanol during the Neonatal Period. <i>Biomolecules</i> , 2021 , 11,	5.9	3
55	Development of the Entorhinal Cortex Occurs via Parallel Lamination During Neurogenesis. <i>Frontiers in Neuroanatomy</i> , 2021 , 15, 663667	3.6	1
54	Effects of Prenatal and Early Postnatal Administration of Valproate on Behavior and Cytological Characteristics in Wistar Rats. <i>Neuroscience and Behavioral Physiology</i> , 2021 , 51, 639-647	0.3	0
53	Gestational Age at Term and Educational Outcomes at Age Nine. <i>Pediatrics</i> , 2021 , 148,	7.4	2
52	Divergent and overlapping hippocampal and cerebellar transcriptome responses following developmental ethanol exposure during the secondary neurogenic period. <i>Alcoholism: Clinical and Experimental Research</i> , 2021 , 45, 1408-1423	3.7	1
51	Human Oligodendrocytes and Myelin In Vitro to Evaluate Developmental Neurotoxicity. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
50	Ethanol and Other Agents. 2021 , 403-410		
49	Human iPSC-Derived Model to Study Myelin Disruption. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6
48	Prenatal Tetrahydrocannabinol Exposure in Males Leads to Motivational Disturbances Related to Striatal Epigenetic Dysregulation.. <i>Biological Psychiatry</i> , 2021 ,	7.9	2

47	Neonatal Anesthesia by Ketamine in Neonatal Rats Inhibits the Proliferation and Differentiation of Hippocampal Neural Stem Cells and Decreases Neurocognitive Function in Adulthood via Inhibition of the Notch1 Signaling Pathway. <i>Molecular Neurobiology</i> , 2021 , 58, 6272-6289	6.2	2
46	Greater Number of Microglia in Telencephalic Proliferative Zones of Human and Nonhuman Primate Compared with Other Vertebrate Species. <i>Cerebral Cortex Communications</i> , 2021 , 2, tgab053	1.9	
45	Pathology Methods in Nonclinical Neurotoxicity Studies: The Developing Central Nervous System. 339-363		4
44	The Developmental Neuropathology of Autism. 2010 , 69-82		4
43	Neuroimmune Effects of Developmental TCE Exposure. <i>Molecular and Integrative Toxicology</i> , 2014 , 131-154		1
42	Methylmercury and Fish Nutrients in Experimental Models. 2012 , 55-90		1
41	Cortical dysplasia and epilepsy: animal models. <i>Advances in Experimental Medicine and Biology</i> , 2004 , 548, 145-74	3.6	31
40	Intragastric intubation of alcohol during the perinatal period. <i>Methods in Molecular Biology</i> , 2008 , 447, 101-10	1.4	39
39	Species specificity of organ toxicity: behavioral differences. <i>Archives of Toxicology Supplement</i> , 1995 , 17, 375-94		2
38	Cerebellum and Eyeblink Conditioning. 2013 , 1175-1190		1
37	Developmental Neurotoxicity. 2000 , 227-250		8
36	Animal Models of Epilepsy. 2011 , 659-665		1
35	Gestational alcohol exposure disrupts cognitive function and striatal circuits in adult offspring. <i>Nature Communications</i> , 2020 , 11, 2555	17.4	8
34	Effect of nicotine on cerebellar granule neuron development. <i>European Journal of Neuroscience</i> , 2001 , 13, 48-56	3.5	23
33	An early cell shape transition drives evolutionary expansion of the human forebrain.		5
32	Association of impaired neuronal migration with cognitive deficits in extremely preterm infants. <i>JCI Insight</i> , 2017 , 2,	9.9	11
31	Expression of cln3 in human NT2 neuronal precursor cells and neonatal rat brain. <i>Pediatric Research</i> , 1999 , 46, 367-74	3.2	5
30	Recent advances in SHH medulloblastoma progression: tumor suppressor mechanisms and the tumor microenvironment. <i>F1000Research</i> , 2019 , 8,	3.6	7

29	Effects of ethanol and NAP on cerebellar expression of the neural cell adhesion molecule L1. <i>PLoS ONE</i> , 2011 , 6, e24364	3.7	13
28	Hypoxic preconditioning differentially affects GABAergic and glutamatergic neuronal cells in the injured cerebellum of the neonatal rat. <i>PLoS ONE</i> , 2014 , 9, e102056	3.7	17
27	Prenatal stress-immune programming of sex differences in comorbidity of depression and obesity/metabolic syndrome. <i>Dialogues in Clinical Neuroscience</i> , 2016 , 18, 425-436	5.7	38
26	Early exposure to nicotine during critical periods of brain development: Mechanisms and consequences. <i>Journal of Pediatric Biochemistry</i> , 2010 , 1, 125-141		22
25	Normal cognitive and social development require posterior cerebellar activity. <i>ELife</i> , 2018 , 7,	8.9	69
24	Environment in Children's Health: A New Challenge for Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
23	Neuronal Targets of Lead in the Hippocampus: Relationship to Low-Level Lead Intoxication*. 2010 , 459-481		
22	Principles of Comparative and Correlative Neurodevelopment and Their Implications for Developmental Neurotoxicity. 63-88		
21	Drug Abuse Neurotoxicity: Alcohol and Nicotine as Developmental Stressors. 2014 , 2003-2023		
20	Cerebellar Structure and Development. <i>Neuroscience Intelligence Unit</i> , 1997 , 5-29		
19	Decoding the porcine developing spatial processing system and production of human entorhinal stellate cell-like cells by a direct programming approach.		
18	Methamphetamine exposure during the first, but not the second half of prenatal development, affects social play behavior. <i>Physiological Research</i> , 2020 , 69, 319-330	2.1	2
17	Developmental binge exposure to ethanol and artificial rearing do not affect the social transfer of diet preference. <i>Alcoholism: Clinical and Experimental Research</i> , 2003 , 27, 686-94	3.7	
16	Effects of prenatal lipopolysaccharide exposure on reproductive activities and serum concentrations of pituitary-gonadal hormones in mice offspring. <i>International Journal of Fertility & Sterility</i> , 2012 , 6, 51-8	1.9	2
15	Effect of nicotine on cerebellar granule neuron development. <i>European Journal of Neuroscience</i> , 2001 , 13, 48-56	3.5	25
14	Time Course Transcriptome Analysis of Spina Bifida Progression in Fetal Rats.. <i>Brain Sciences</i> , 2021 , 11,	3.4	0
13	Structural changes in the neocortex as correlates of variations in EEG spectra and seizure susceptibility in rat brains with different degrees of dysplasia. <i>Journal of Comparative Neurology</i> , 2021 ,	3.4	
12	Prenatal PM exposure and infant temperament at age 6 months: Sensitive windows and sex-specific associations.. <i>Environmental Research</i> , 2021 , 206, 112583	7.9	0

11	Epigenetic mechanisms impacted by chronic stress across the rodent lifespan.. <i>Neurobiology of Stress</i> , 2022 , 17, 100434	7.6	0
10	Unique effects of nicotine across the lifespan.. <i>Pharmacology Biochemistry and Behavior</i> , 2022 , 173343	3.9	1
9	Age-Associated Changes in Exploratory Activity in the Open Field Test in Rats Surviving Prenatal Hypoxia. <i>Neuroscience and Behavioral Physiology</i> , 2022 , 52, 271-276	0.3	0
8	Modification of gene expression and soluble factor secretion in the lateral ventricle choroid plexus: Analysis of the impacts on the neocortical development.. <i>Neuroscience Research</i> , 2021 ,	2.9	0
7	Does Resveratrol Prevent Sevoflurane Toxicity in Newborn Rats?. <i>Journal of Medicinal Food</i> , 2022 ,	2.8	
6	Prenatal development of the human entorhinal cortex. <i>Journal of Comparative Neurology</i> ,	3.4	1
5	Identification of N-methyl-D-aspartate receptor antagonists using the rat postnatal mixed cortical and hippocampal neurons. <i>European Journal of Pharmacology</i> , 2022 , 927, 175056	5.3	
4	Effects of prenatal methamphetamine exposure on spatial cognition and hippocampal synaptic plasticity in adolescent rats. <i>International Journal of Developmental Neuroscience</i> ,	2.7	0
3	Prenatal exposure to morphine enhances excitability in locus coeruleus neurons. <i>Journal of Neural Transmission</i> ,	4.3	0
2	Evolutionary innovations of human cerebral cortex viewed through the lens of high-throughput sequencing. <i>Developmental Neurobiology</i> ,	3.2	
1	Prenatal Venlafaxine Exposure Induced Neurocytoarchitectural and Neuroapoptotic Degeneration in Striatum and Hippocampus of Developing Fetal Brain, Manifesting Long-term Neurocognitive Impairments in Rat Offspring. <i>Neurotoxicity Research</i> ,	4.3	