Fetal alcohol exposure and temporal vulnerability: effec on the developing rat hippocampus

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Citation Report

#	Article	IF	Citations
1	The Mossy Fiber System of the Hippocampal Formation is Decreased by Chronic and Postnatal but not by Prenatal Protein Malnutrition in Rats. Nutritional Neuroscience, 2004, 7, 301-308.	3.1	19
2	Modality-specific impairments in response habituation following postnatal binge ethanol. Neurotoxicology and Teratology, 2004, 26, 451-459.	2.4	12
3	Strain-dependent effects of developmental ethanol exposure in zebrafish. Neurotoxicology and Teratology, 2004, 26, 745-755.	2.4	128
4	Critically timed ethanol exposure reduces GABAAR function on septal neurons developing in vivo but not in vitro. Brain Research, 2004, 1008, 69-80.	2.2	17
5	Neurophysiologic consequences of neonatal ethanol exposure in the rat. Alcohol, 2004, 34, 187-196.	1.7	17
6	Cell death in the rat hippocampus in a model of prenatal brain injury: time course and expression of death-related proteins. Neuroscience, 2004, 129, 393-402.	2.3	26
7	Fetal Alcohol Spectrum Disorders: An Overview with Emphasis on Changes in Brain and Behavior. Experimental Biology and Medicine, 2005, 230, 357-365.	2.4	526
8	Long-term effects of neonatal alcohol exposure on photic reentrainment and phase-shifting responses of the activity rhythm in adult rats. Alcohol, 2005, 37, 79-88.	1.7	14
9	Alcohol is a potent stimulant of immature neuronal networks: implications for fetal alcohol spectrum disorder. Journal of Neurochemistry, 2005, 94, 1500-1511.	3.9	70
10	Chronic alcohol exposure reduces hippocampal neurogenesis and dendritic growth of newborn neurons. European Journal of Neuroscience, 2005, 21, 2711-2720.	2.6	162
11	Interactive Effect of Alcohol and Nicotine on Developing Cerebellum: An Investigation of the Temporal Pattern of Alcohol and Nicotine Administration. Alcoholism: Clinical and Experimental Research, 2005, 29, 437-442.	2.4	20
12	Prenatal Ethanol Exposure in Rats Decreases Levels of Complexin Proteins in the Frontal Cortex. Alcoholism: Clinical and Experimental Research, 2005, 29, 1915-1920.	2.4	20
13	Effects of prenatal alcohol exposure on brain-derived neurotrophic factor and its receptor tyrosine kinase B in offspring. Brain Research, 2005, 1042, 125-132.	2.2	58
14	Behavioral and neurochemical effects on rat offspring after prenatal exposure to ethanol. Neurotoxicology and Teratology, 2005, 27, 585-592.	2.4	87
15	Postnatal ethanol exposure disrupts signal detection in adult rats. Neurotoxicology and Teratology, 2005, 27, 815-823.	2.4	6
16	Fetal Alcohol Spectrum Disorder. , 2005, , 349-359.		1
17	A Systems-Based Computational Model for Dose-Response Comparisons of Two Mode of Action Hypotheses for Ethanol-Induced Neurodevelopmental Toxicity. Toxicological Sciences, 2005, 86, 470-484.	3.1	39
18	Developmentally Regulated Actions of Alcohol on Hippocampal Glutamatergic Transmission. Journal of Neuroscience, 2005, 25, 8027-8036.	3.6	91

#	Article	IF	Citations
19	Effect of ethanol on the development of visceral yolk sac. Human Reproduction, 2005, 20, 2509-2516.	0.9	27
20	Effects of folinic acid and Vitamin B12 on ethanol-induced developmental toxicity in mouse. Toxicology Letters, 2006, 167, 167-172.	0.8	14
21	Adult rat's offspring of alcoholic mothers are impaired on spatial learning and object recognition in the Can test. Behavioural Brain Research, 2006, 174, 101-111.	2.2	34
22	Prenatal-through-postnatal exposure to moderate levels of ethanol leads to damage on the hippocampal CA1 field of juvenile rats. Neuroscience Research, 2006, 56, 400-408.	1.9	41
23	Impaired trace fear conditioning following neonatal ethanol: Reversal by choline.. Behavioral Neuroscience, 2006, 120, 482-487.	1.2	68
25	Potential Value of Changes in Cell Markers in Organotypic Hippocampal Cultures Associated With Chronic EtOH Exposure and Withdrawal: Comparison with NMDA-Induced Changes. Alcoholism: Clinical and Experimental Research, 2006, 30, 1768-1780.	2.4	23
26	Reversal learning after prenatal or early postnatal alcohol exposure in juvenile and adult rats. Alcohol, 2006, 38, 99-110.	1.7	40
27	Effects of prenatal exposure to alcohol on activity, anxiety, motor coordination, and memory in young adult Wistar rats. Pharmacology Biochemistry and Behavior, 2006, 85, 345-355.	2.9	73
28	Histological changes in the liver of fetuses of alcohol-treated pregnant rats. Cell Biochemistry and Function, 2006, 24, 223-227.	2.9	8
29	Hippocampal cell proliferation is reduced following prenatal ethanol exposure but can be rescued with voluntary exercise. Hippocampus, 2006, 16, 305-311.	1.9	121
30	Fetal alcohol syndrome and the developing socio-emotional brain. Brain and Cognition, 2007, 65, 135-142.	1.8	91
31	Protein malnutrition differentially alters the number of glutamic acid decarboxylase-67 interneurons in dentate gyrus and CA1â€“3 subfields of the dorsal hippocampus. Experimental Neurology, 2007, 208, 47-53.	4.1	41
32	Neonatal alcohol exposure impairs acquisition of eyeblink conditioned responses during discrimination learning and reversal in weanling rats. Developmental Psychobiology, 2007, 49, 243-257.	1.6	40
33	Early postnatal alcohol exposure reduced the size of vibrissal barrel field in rat somatosensory cortex (SI) but did not disrupt barrel field organization. Alcohol, 2007, 41, 253-261.	1.7	9
34	Chronic ethanol increases fetal cerebral blood flow specific to the ethanol-sensitive cerebellum under normoxaemic, hypercapnic and acidaemic conditions: ovine model. Experimental Physiology, 2007, 92, 933-943.	2.0	34
35	All Three Trimester Binge Alcohol Exposure Causes Fetal Cerebellar Purkinje Cell Loss in the Presence of Maternal Hypercapnea, Acidemia, and Normoxemia: Ovine Model. Alcoholism: Clinical and Experimental Research, 2007, 31, 1252-1258.	2.4	31
36	Temporal Vulnerability of Fetal Cerebellar Purkinje Cells to Chronic Binge Alcohol Exposure: Ovine Model. Alcoholism: Clinical and Experimental Research, 2007, 31, 1738-1745.	2.4	38
37	Persistent Impairment of Hippocampal Neurogenesis in Young Adult Rats Following Early Postnatal Alcohol Exposure. Alcoholism: Clinical and Experimental Research, 2007, 31, 2073-2082.	2.4	143

#	Article	IF	Citations
38	Alcohol exposure on postnatal day 5 induces Purkinje cell loss and evidence of Purkinje cell degradation in lobule I of rat cerebellum. Alcohol, 2008, 42, 295-302.	1.7	21
39	Alcohol exposure during the first two trimesters-equivalent alters the development of corpus callosum projection neurons in the rat. Alcohol, 2008, 42, 285-293.	1.7	19
40	Chronic binge ethanol-mediated acidemia reduces availability of glutamine and related amino acids in maternal plasma of pregnant sheep. Alcohol, 2008, 42, 657-666.	1.7	19
41	Role of Various Neurotransmitters in Mediating the Longâ€Term Endocrine Consequences of Prenatal Alcohol Exposure. Annals of the New York Academy of Sciences, 2008, 1144, 176-188.	3.8	20
42	Doseâ€Dependent Deficits in Dual Interstimulus Interval Classical Eyeblink Conditioning Tasks Following Neonatal Binge Alcohol Exposure in Rats. Alcoholism: Clinical and Experimental Research, 2008, 32, 277-293.	2.4	28
43	Sensory Processing Disorder in a Primate Model: Evidence From a Longitudinal Study of Prenatal Alcohol and Prenatal Stress Effects. Child Development, 2008, 79, 100-113.	3.0	54
44	Acute ethanol suppresses glutamatergic neurotransmission through endocannabinoids in hippocampal neurons. Journal of Neurochemistry, 2008, 107, 1001-1013.	3.9	99
45	Binge Drinking During Pregnancy and Risk of Seizures in Childhood: A Study Based on the Danish National Birth Cohort. American Journal of Epidemiology, 2008, 169, 313-322.	3.4	36
46	Effects of prenatal alcohol exposure on hippocampal volume, verbal learning, and verbal and spatial recall in late childhood. Journal of the International Neuropsychological Society, 2008, 14, 1022-1033.	1.8	154
47	Voluntary exercise influences behavioral development in rats exposed to alcohol during the neonatal brain growth spurt.. Behavioral Neuroscience, 2008, 122, 1264-1273.	1.2	66
48	Alcohol exposure and the developing human brain. , 0, , 229-244.		0
49	Vitamin C deficiency in early postnatal life impairs spatial memory and reduces the number of hippocampal neurons in guinea pigs. American Journal of Clinical Nutrition, 2009, 90, 540-546.	4.7	82
50	Insulin-like growth factor-I mitigates motor coordination deficits associated with neonatal alcohol exposure in rats. Neurotoxicology and Teratology, 2009, 31, 40-48.	2.4	21
51	Early ethanol exposure in mice increases laterality of rotational side preference in the free-swimming test. Pharmacology Biochemistry and Behavior, 2009, 93, 148-154.	2.9	15
52	Neonatal binge alcohol exposure produces dose dependent deficits in interstimulus interval discrimination eyeblink conditioning in juvenile rats. Brain Research, 2009, 1248, 162-175.	2.2	9
53	The effects of exercise on adolescent hippocampal neurogenesis in a rat model of binge alcohol exposure during the brain growth spurt. Brain Research, 2009, 1294, 1-11.	2.2	90
54	Neuroimaging and fetal alcohol spectrum disorders. Developmental Disabilities Research Reviews, 2009, 15, 209-217.	2.9	200
55	GSK3Î² in Ethanol Neurotoxicity. Molecular Neurobiology, 2009, 40, 108-121.	4.0	70

#	Article	IF	Citations
56	Persistent Deficits in Heart Rate Response Habituation Following Neonatal Binge Ethanol Exposure. Alcoholism: Clinical and Experimental Research, 2009, 33, 1596-1604.	2.4	11
57	Effects of neonatal alcohol exposure on vasoactive intestinal polypeptide neurons in the rat suprachiasmatic nucleus. Alcohol, 2009, 43, 387-396.	1.7	3
58	Deficits in trace fear conditioning in a rat model of fetal alcohol exposure: doseâ€“response and timing effects. Alcohol, 2009, 43, 465-474.	1.7	44
59	Toluene disrupts synaptogenesis in cultured hippocampal neurons. Toxicology Letters, 2009, 184, 90-96.	0.8	19
60	Adult brain nitrergic activity after concomitant prenatal exposure to ethanol and methyl mercury. Acta Histochemica, 2010, 112, 583-591.	1.8	8
61	Differential effects of chronic ethanol exposure on cytochrome P450 2E1 and the hypothalamicâ€“pituitaryâ€“adrenal axis in the maternalâ€“fetal unit of the guinea pig. Neurotoxicology and Teratology, 2010, 32, 164-170.	2.4	11
62	Hippocampal cell loss and neurogenesis after fetal alcohol exposure: Insights from different rodent models. Brain Research Reviews, 2010, 64, 283-303.	9.0	164
63	High-throughput caveolar proteomic signature profile for maternal binge alcohol consumption. Alcohol, 2010, 44, 691-697.	1.7	19
64	Repeated third trimester-equivalent ethanol exposure inhibits long-term potentiation in the hippocampal CA1 region of neonatal rats. Alcohol, 2010, 44, 283-290.	1.7	56
65	Ethanol Acutely Inhibits Ionotropic Glutamate Receptorâ€Mediated Responses and Longâ€Term Potentiation in the Developing CA1 Hippocampus. Alcoholism: Clinical and Experimental Research, 2010, 34, 594-606.	2.4	47
66	Low Concentrations of Alcohol Inhibit BDNF-Dependent GABAergic Plasticity via L-type Ca²⁺Channel Inhibition in Developing CA3 Hippocampal Pyramidal Neurons. Journal of Neuroscience, 2010, 30, 6776-6781.	3.6	60
67	Bk Channel and Alcohol, a Complicated Affair. International Review of Neurobiology, 2010, 91, 321-338.	2.0	4
68	Maternal High-Fat Diet Alters Methylation and Gene Expression of Dopamine and Opioid-Related Genes. Endocrinology, 2010, 151, 4756-4764.	2.8	494
69	Variants of contextual fear conditioning are differentially impaired in the juvenile rat by binge ethanol exposure on postnatal days 4â€“9. Behavioural Brain Research, 2010, 212, 133-142.	2.2	36
70	Early life protein restriction alters dopamine circuitry. Neuroscience, 2010, 168, 359-370.	2.3	107
71	Prenatal alcohol exposure reduces the proportion of newly produced neurons and glia in the dentate gyrus of the hippocampus in female rats. Hormones and Behavior, 2010, 58, 835-843.	2.1	62
72	Stress-induced suppression of hippocampal neurogenesis in adult male rats is altered by prenatal ethanol exposure. Stress, 2010, 13, 302-314.	1.8	38
73	Memory and brain volume in adults prenatally exposed to alcohol. Brain and Cognition, 2011, 75, 67-77.	1.8	79

#	Article	IF	Citations
74	Antagonism of orexin 1 receptors eliminates motor hyperactivity and improves homing response acquisition in juvenile rats exposed to alcohol during early postnatal period. Behavioural Brain Research, 2011, 221, 324-328.	2.2	18
75	L1 cell adhesion molecule promotes resistance to alcohol-induced silencing of growth cone responses to guidance cues. Neuroscience, 2011, 180, 30-40.	2.3	16
76	Cellâ€autonomous and cellâ€toâ€cell signalling events in normal and altered neuronal migration. European Journal of Neuroscience, 2011, 34, 1595-1608.	2.6	21
77	Effects of Dose and Period of Neonatal Alcohol Exposure on the Context Preexposure Facilitation Effect. Alcoholism: Clinical and Experimental Research, 2011, 35, 1160-1170.	2.4	32
78	Effects of Early Postnatal Exposure to Ethanol on Retinal Ganglion Cell Morphology and Numbers of Neurons in the Dorsolateral Geniculate in Mice. Alcoholism: Clinical and Experimental Research, 2011, 35, 2063-2074.	2.4	23
79	Effect of alcohol consumption in prenatal life, childhood, and adolescence on child development. Nutrition Reviews, 2011, 69, 642-659.	5.8	55
80	The effects of a single memantine treatment on behavioral alterations associated with binge alcohol exposure in neonatal rats. Neurotoxicology and Teratology, 2011, 33, 444-450.	2.4	14
81	Chronic ethanol exposure and folic acid supplementation: Fetal growth and folate status in the maternal and fetal guinea pig. Reproductive Toxicology, 2011, 31, 500-506.	2.9	12
82	Ethanol impairs muscarinic receptor-induced neuritogenesis in rat hippocampal slices: Role of astrocytes and extracellular matrix proteins. Biochemical Pharmacology, 2011, 82, 1792-1799.	4.4	26
83	Altered adult hippocampal neuronal maturation in a rat model of fetal alcohol syndrome. Brain Research, 2011, 1384, 29-41.	2.2	55
84	Neonatal alcohol exposure disrupts hippocampal neurogenesis and contextual fear conditioning in adult rats. Brain Research, 2011, 1412, 88-101.	2.2	47
85	Fetal Alcohol Spectrum Disorder: A Review of Neurodevelopmental Findings and Interventions. Journal of Developmental and Physical Disabilities, 2011, 23, 143-167.	1.6	23
86	Fetal Alcohol Spectrum Disorders: Neuropsychological and Behavioral Features. Neuropsychology Review, 2011, 21, 81-101.	4.9	509
87	Ethanol-induced small heat shock protein genes in the differentiation of mouse embryonic neural stem cells. Archives of Toxicology, 2011, 85, 293-304.	4.2	40
88	Agrin function associated with ocular development is a target of ethanol exposure in embryonic zebrafish. Birth Defects Research Part A: Clinical and Molecular Teratology, 2011, 91, 129-141.	1.6	43
89	Vascular effects of maternal alcohol consumption. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H414-H421.	3.2	37
90	Multiplexed digital quantification of binge-like alcohol-mediated alterations in maternal uterine angiogenic mRNA transcriptome. Physiological Genomics, 2012, 44, 622-628.	2.3	14
91	Maternal ethanol consumption by pregnant guinea pigs causes neurobehavioral deficits and increases ethanol preference in offspring. Behavioural Pharmacology, 2012, 23, 105-112.	1.7	30

#	Article	IF	Citations
92	Role of Heat Shock Proteins in Stem Cell Behavior. Progress in Molecular Biology and Translational Science, 2012, 111, 305-322.	1.7	52
93	Early Postnatal Ethanol Exposure: Glutamatergic Excitotoxic Cell Death During Acute Withdrawal. Neurophysiology, 2012, 44, 376-386.	0.3	3
94	Neonatal alcohol exposure and the hippocampus in developing male rats: effects on behaviorally induced CA1 c-Fos expression, CA1 pyramidal cell number, and contextual fear conditioning. Neuroscience, 2012, 206, 89-99.	2.3	35
95	Effects of exposure to moderate levels of ethanol during prenatal brain development on dendritic length, branching, and spine density in the nucleus accumbens and dorsal striatum of adult rats. Alcohol, 2012, 46, 577-584.	1.7	35
96	Effects of third trimester-equivalent ethanol exposure on Clâ˜ co-transporter expression, network activity, and GABAergic transmission in the CA3 hippocampal region of neonatal rats. Alcohol, 2012, 46, 595-601.	1.7	19
97	Prenatal ethanol exposure stimulates neurogenesis in hypothalamic and limbic peptide systems: Possible mechanism for offspring ethanol overconsumption. Neuroscience, 2012, 222, 417-428.	2.3	47
98	Effects of exercise and environmental complexity on deficits in trace and contextual fear conditioning produced by neonatal alcohol exposure in rats. Developmental Psychobiology, 2013, 55, 483-495.	1.6	15
99	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. Alcohol, 2013, 47, 447-457.	1.7	19
100	Spatial cognition and sexually dimorphic synaptic plasticity balance impairment in rats with chronic prenatal ethanol exposure. Behavioural Brain Research, 2013, 256, 564-574.	2.2	45
101	Determinants of novel object and location recognition during development. Behavioural Brain Research, 2013, 256, 140-150.	2.2	45
102	Hippocampal-dependent Pavlovian conditioning in adult rats exposed to binge-like doses of ethanol as neonates. Behavioural Brain Research, 2013, 242, 191-199.	2.2	6
103	Cholecalciferol attenuates perseverative behavior associated with developmental alcohol exposure in rats in a dose-dependent manner. Journal of Steroid Biochemistry and Molecular Biology, 2013, 136, 146-149.	2.5	14
104	Anandamide-CB1 Receptor Signaling Contributes to Postnatal Ethanol-Induced Neonatal Neurodegeneration, Adult Synaptic, and Memory Deficits. Journal of Neuroscience, 2013, 33, 6350-6366.	3.6	94
105	Neonatal alcohol exposure impairs contextual fear conditioning in juvenile rats by disrupting cholinergic function. Behavioural Brain Research, 2013, 248, 114-120.	2.2	23
106	Effects of neonatal alcohol dose and exposure window on long delay and trace eyeblink conditioning in juvenile rats. Behavioural Brain Research, 2013, 236, 307-318.	2.2	21
107	DNA Methylation Program in Developing Hippocampus and Its Alteration by Alcohol. PLoS ONE, 2013, 8, e60503.	2.5	84
108	A Comparison of the Different Animal Models of Fetal Alcohol Spectrum Disorders and Their Use in Studying Complex Behaviors. Frontiers in Pediatrics, 2014, 2, 93.	1.9	168
109	Molecular pathways underpinning ethanol-induced neurodegeneration. Frontiers in Genetics, 2014, 5, 203.	2.3	30

#	Article	IF	Citations
110	Impaired trace fear conditioning and diminished ERK1/2 phosphorylation in the dorsal hippocampus of adult rats administered alcohol as neonates.. Behavioral Neuroscience, 2014, 128, 187-198.	1.2	12
111	Fetal Alcohol Spectrum Disorders and Neuroimmune Changes. International Review of Neurobiology, 2014, 118, 41-80.	2.0	68
112	Hippocampal Abnormalities in Youth with Alcohol-Related Neurodevelopmental Disorder. Journal of the International Neuropsychological Society, 2014, 20, 181-191.	1.8	19
113	Alcohol and Developing Neuronal Circuits. , 2014, , 111-130.		0
114	Administration of Memantine During Withdrawal Mitigates Overactivity and Spatial Learning Impairments Associated with Neonatal Alcohol Exposure in Rats. Alcoholism: Clinical and Experimental Research, 2014, 38, 529-537.	2.4	18
115	Prenatal ethanol exposure differentially affects hippocampal neurogenesis in the adolescent and aged brain. Neuroscience, 2014, 273, 174-188.	2.3	30
116	The different effects on cranial and trunk neural crest cell behaviour following exposure to a low concentration of alcohol in vitro. Archives of Oral Biology, 2014, 59, 500-512.	1.8	18
117	Neonatal alcohol impairs the context preexposure facilitation effect in juvenile rats: Dose-response and post-training consolidation effects. Alcohol, 2014, 48, 35-42.	1.7	16
118	Significant longâ€term, but not shortâ€term, hippocampalâ€dependent memory impairment in adult rats exposed to alcohol in early postnatal life. Developmental Psychobiology, 2014, 56, 1316-1326.	1.6	17
119	Epigenetic programming of reward function in offspring: a role for maternal diet. Mammalian Genome, 2014, 25, 41-48.	2.2	21
120	Dysmorphogenic Effects of First Trimester-Equivalent Ethanol Exposure in Mice: A Magnetic Resonance Microscopy-Based Study. Alcoholism: Clinical and Experimental Research, 2014, 38, 2008-2014.	2.4	38
121	Diet, Inflammation and the Brain: Commentary on the 2014 Named Series. Brain, Behavior, and Immunity, 2014, 42, 6-9.	4.1	3
122	Role of microglia in ethanol-induced neurodegenerative disease: Pathological and behavioral dysfunction at different developmental stages. , 2014, 144, 321-337.		57
123	Obesity at Conception Programs the Opioid System in the Offspring Brain. Neuropsychopharmacology, 2014, 39, 801-810.	5.4	43
124	Examination of Ageâ€dependent effects of fetal ethanol exposure on behavior, hippocampal cell counts, and doublecortin immunoreactivity in rats. Developmental Neurobiology, 2014, 74, 498-513.	3.0	24
125	Effects of one- and three-day binge alcohol exposure in neonatal C57BL/6 mice on spatial learning and memory in adolescence and adulthood. Alcohol, 2014, 48, 99-111.	1.7	36
126	Investigation into the effects of prenatal alcohol exposure on postnatal spine development and expression of synaptophysin and PSD95 in rat hippocampus. International Journal of Developmental Neuroscience, 2014, 33, 106-114.	1.6	29
127	Exercise and environment as an intervention for neonatal alcohol effects on hippocampal adult neurogenesis and learning. Neuroscience, 2014, 265, 274-290.	2.3	44

#	Article	IF	Citations
128	Moderate prenatal alcohol exposure alters behavior and neuroglial parameters in adolescent rats. Behavioural Brain Research, 2014, 269, 175-184.	2.2	23
129	Construction of Vapor Chambers Used to Expose Mice to Alcohol During the Equivalent of all Three Trimesters of Human Development. Journal of Visualized Experiments, 2014, , .	0.3	31
130	Hippocampal neuron populations are reduced in vervet monkeys with fetal alcohol exposure. Developmental Psychobiology, 2015, 57, 470-485.	1.6	18
131	Ethanol exposure during the third trimester equivalent does not affect GABAA or AMPA receptor-mediated spontaneous synaptic transmission in rat CA3 pyramidal neurons. Journal of Negative Results in BioMedicine, 2015, 14, 19.	1.4	2
132	Prenatal ethanol exposure alters adult hippocampal VGLUT2 expression with concomitant changes in promoter DNA methylation, H3K4 trimethylation and miR-467b-5p levels. Epigenetics and Chromatin, 2015, 8, 40.	3.9	63
133	Fetal Alcohol Spectrum Disorder: Potential Role of Endocannabinoids Signaling. Brain Sciences, 2015, 5, 456-493.	2.3	40
134	Transcriptomic study of mouse embryonic neural stem cell differentiation under ethanol treatment. Molecular Biology Reports, 2015, 42, 1233-1239.	2.3	16
135	An animal model of fetal alcohol spectrum disorder: Trace conditioning as a window to inform memory deficits and intervention tactics. Physiology and Behavior, 2015, 148, 36-44.	2.1	12
136	Effects of all three trimester moderate binge alcohol exposure on the foetal hippocampal formation and olfactory bulb. Brain Injury, 2015, 29, 104-109.	1.2	7
137	Effects of developmental alcohol exposure vs. intubation stress on BDNF and TrkB expression in the hippocampus and frontal cortex of neonatal rats. International Journal of Developmental Neuroscience, 2015, 43, 16-24.	1.6	25
138	Protective effects of resveratrol on the inhibition of hippocampal neurogenesis induced by ethanol during early postnatal life. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 1298-1310.	3.8	31
139	Prenatal exposure to ethanol stimulates hypothalamic CCR2 chemokine receptor system: Possible relation to increased density of orexigenic peptide neurons and ethanol drinking in adolescent offspring. Neuroscience, 2015, 310, 163-175.	2.3	33
140	Choline supplementation in children with fetal alcohol spectrum disorders: a randomized, double-blind, placebo-controlled trial. American Journal of Clinical Nutrition, 2015, 102, 1113-1125.	4.7	94
141	Amphetamine sensitization and cross-sensitization with acute restraint stress: impact of prenatal alcohol exposure in male and female rats. Psychopharmacology, 2015, 232, 1705-1716.	3.1	12
143	Neurological Disorders. , 2016, , 249-275.		0
144	Third Trimester Equivalent Alcohol Exposure Reduces Modulation of Glutamatergic Synaptic Transmission by 5-HT1A Receptors in the Rat Hippocampal CA3 Region. Frontiers in Neuroscience, 2016, 10, 266.	2.8	7
145	Consumption of Substances of Abuse during Pregnancy Increases Consumption in Offspring: Possible Underlying Mechanisms. Frontiers in Nutrition, 2016, 3, 11.	3.7	8
146	Alcohol-Induced Developmental Origins of Adult-Onset Diseases. Alcoholism: Clinical and Experimental Research, 2016, 40, 1403-1414.	2.4	50

#	Article	IF	Citations
147	Developmental Alcohol Exposure Impairs Activity-DependentS-Nitrosylation of NDEL1 for Neuronal Maturation. Cerebral Cortex, 2017, 27, 3918-3929.	2.9	9
148	The Effects of Prenatal Alcohol Exposure on Episodic Memory Functioning: A Systematic Review: Table 1.. Archives of Clinical Neuropsychology, 2016, 31, 710-726.	0.5	17
149	Behavioral deficits induced by third-trimester equivalent alcohol exposure in male C57BL/6J mice are not associated with reduced adult hippocampal neurogenesis but are still rescued with voluntary exercise. Behavioural Brain Research, 2016, 314, 96-105.	2.2	9
150	The Impact of Prenatal Ethanol Exposure on Neuroanatomical and Behavioral Development in Mice. Alcoholism: Clinical and Experimental Research, 2016, 40, 122-133.	2.4	41
151	An Update on Fetal Alcohol Syndromeâ€"Pathogenesis, Risks, and Treatment. Alcoholism: Clinical and Experimental Research, 2016, 40, 1594-1602.	2.4	123
152	The combined effects of developmental lead and ethanol exposure on hippocampus dependent spatial learning and memory in rats: Role of oxidative stress. Food and Chemical Toxicology, 2016, 96, 263-272.	3.6	29
153	Recognition memory is selectively impaired in adult rats exposed to binge-like doses of ethanol during early postnatal life. Alcohol, 2016, 57, 55-63.	1.7	10
154	Developmental and behavioral consequences of early life maternal separation stress in a mouse model of fetal alcohol spectrum disorder. Behavioural Brain Research, 2016, 308, 94-103.	2.2	24
155	Further characterization of the effect of ethanol on voltage-gated Ca2+ channel function in developing CA3 hippocampal pyramidal neurons. Brain Research, 2016, 1633, 19-26.	2.2	11
156	Alcohol and thiamine deficiency trigger differential mitochondrial transition pore opening mediating cellular death. Apoptosis: an International Journal on Programmed Cell Death, 2017, 22, 741-752.	4.9	16
157	Neurotrophins in the Brain. Vitamins and Hormones, 2017, 104, 197-242.	1.7	40
158	Deficits in spatial learning and memory in adult mice following acute, low or moderate levels of prenatal ethanol exposure during gastrulation or neurulation. Neurotoxicology and Teratology, 2017, 62, 42-54.	2.4	17
159	Effects of prenatal bingeâ€like ethanol exposure and maternal stress on postnatal morphological development of hippocampal neurons in rats. International Journal of Developmental Neuroscience, 2017, 61, 40-50.	1.6	10
160	Prevalence of binge drinking during pregnancy by country and World Health Organization region: Systematic review and meta-analysis. Reproductive Toxicology, 2017, 73, 214-221.	2.9	43
161	Interventions in fetal alcohol spectrum disorders: An international perspective. European Journal of Medical Genetics, 2017, 60, 79-91.	1.3	64
162	Early ethanol exposure and vinpocetine treatment alter learningâ€•and memoryâ€•related proteins in the rat hippocampus and prefrontal cortex. Journal of Neuroscience Research, 2017, 95, 1204-1215.	2.9	24
163	Alcoholic Neurological Syndromes. , 2017, , 127-137.		0
164	Embryonic exposure to ethanol increases the susceptibility of larval zebrafish to chemically induced seizures. Scientific Reports, 2018, 8, 1845.	3.3	11

#	Article	IF	Citations
165	Fetal regional brain protein signature in FASD rat model. Reproductive Toxicology, 2018, 76, 84-92.	2.9	17
166	Regional dysregulation of taurine and related amino acids in the fetal rat brain following gestational alcohol exposure. Alcohol, 2018, 66, 27-33.	1.7	10
167	Maternal substance use during pregnancy and offspring conduct problems: A meta-analysis. Neuroscience and Biobehavioral Reviews, 2018, 84, 325-336.	6.1	64
168	Hippocampal neurogenesis in the C57BL/6J mice at early adulthood following prenatal alcohol exposure. Metabolic Brain Disease, 2018, 33, 397-410.	2.9	20
169	8. Teratogenic effects of alcohol. , 2018, , 121-126.		0
170	Long-Lasting Effects of Prenatal Ethanol Exposure on Fear Learning and Development of the Amygdala. Frontiers in Behavioral Neuroscience, 2018, 12, 200.	2.0	14
171	Atypical fetal development: Fetal alcohol syndrome, nutritional deprivation, teratogens, and risk for neurodevelopmental disorders and psychopathology. Development and Psychopathology, 2018, 30, 1063-1086.	2.3	24
172	Reductions in Corpus Callosum Volume Partially Mediate Effects of Prenatal Alcohol Exposure on IQ. Frontiers in Neuroanatomy, 2018, 11, 132.	1.7	23
173	Embryonic Ethanol Exposure Affects the Early Development, Migration, and Location of Hypocretin/Orexin Neurons in Zebrafish. Alcoholism: Clinical and Experimental Research, 2019, 43, 1702-1713.	2.4	21
174	The effects of developmental alcohol exposure on the neurobiology of spatial processing. Neuroscience and Biobehavioral Reviews, 2019, 107, 775-794.	6.1	23
175	Spatial Navigation in Children and Young Adults with Fetal Alcohol Spectrum Disorders. Alcoholism: Clinical and Experimental Research, 2019, 43, 2536-2546.	2.4	11
176	Resistance of Postnatal Hippocampal Neurogenesis to Alcohol Toxicity in a Third Trimesterâ€Equivalent Mouse Model of Gestational Alcohol Exposure. Alcoholism: Clinical and Experimental Research, 2019, 43, 2504-2513.	2.4	3
177	Cholinergic rescue of neurocognitive insult following third-trimester equivalent alcohol exposure in rats. Neurobiology of Learning and Memory, 2019, 163, 107030.	1.9	10
178	Maternal Separation Stress in Fetal Alcohol Spectrum Disorders: A Case of Double Whammy. , 2019, , 325-333.		0
179	Episodic Prenatal Exposure To Ethanol Affects Postnatal Neurogenesis In The Macaque Dentate Gyrus And Visual Recognition Memory. International Journal of Developmental Neuroscience, 2019, 79, 65-75.	1.6	4
180	Nucleus reuniens of the midline thalamus of a rat is specifically damaged after early postnatal alcohol exposure. NeuroReport, 2019, 30, 748-752.	1.2	12
181	Neonatal ethanol exposure impairs long-term context memory formation and prefrontal immediate early gene expression in adolescent rats. Behavioural Brain Research, 2019, 359, 386-395.	2.2	17
182	Aberrations of anterior insular cortex functional connectivity in nontreatment-seeking alcoholics. Psychiatry Research - Neuroimaging, 2019, 284, 21-28.	1.8	25

#	Article	IF	Citations
183	Maternal ethanol consumption before paternal fertilization: Stimulation of hypocretin neurogenesis and ethanol intake in zebrafish offspring. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 96, 109728.	4.8	24
184	Preclinical methodological approaches investigating of the effects of alcohol on perinatal and adolescent neurodevelopment. Neuroscience and Biobehavioral Reviews, 2020, 116, 436-451.	6.1	6
185	The mouse-equivalent of the human BDNF VAL66MET polymorphism increases dorsal hippocampal volume and does not interact with developmental ethanol exposure. Alcohol, 2020, 86, 17-24.	1.7	2
186	Murine Models for the Study of Fetal Alcohol Spectrum Disorders: An Overview. Frontiers in Pediatrics, 2020, 8, 359.	1.9	30
187	Reduced Hippocampal Volumes Partially Mediate Effects of Prenatal Alcohol Exposure on Spatial Navigation on a Virtual Water Maze Task in Children. Alcoholism: Clinical and Experimental Research, 2020, 44, 844-855.	2.4	17
188	Four-year follow-up of a randomized controlled trial of choline for neurodevelopment in fetal alcohol spectrum disorder. Journal of Neurodevelopmental Disorders, 2020, 12, 9.	3.1	78
189	Effect of Alcohol on Hippocampal-Dependent Plasticity and Behavior: Role of Glutamatergic Synaptic Transmission. Frontiers in Behavioral Neuroscience, 2019, 13, 288.	2.0	31
190	Dexmedetomidine attenuates ethanol-induced inhibition of hippocampal neurogenesis in neonatal mice. Toxicology and Applied Pharmacology, 2020, 390, 114881.	2.8	4
191	A Systematic Review of the Effects of Perinatal Alcohol Exposure and Perinatal Marijuana Exposure on Adult Neurogenesis in the Dentate Gyrus. Alcoholism: Clinical and Experimental Research, 2020, 44, 1164-1174.	2.4	11
192	Hippocampal subfield abnormalities and memory functioning in children with fetal alcohol Spectrum disorders. Neurotoxicology and Teratology, 2021, 83, 106944.	2.4	15
193	Alcohol, cannabis, and brain development. , 2021, , 197-205.		0
194	Sex-specific associations between subcortical morphometry in childhood and adult alcohol consumption: A 17-year follow-up study. NeuroImage: Clinical, 2021, 31, 102771.	2.7	2
195	Mechanisms of context conditioning in the developing rat. Neurobiology of Learning and Memory, 2021, 179, 107388.	1.9	3
196	Executive functioning-specific behavioral impairments in a rat model of human third trimester binge drinking implicate prefrontal-thalamo-hippocampal circuitry in Fetal Alcohol Spectrum Disorders. Behavioural Brain Research, 2021, 405, 113208.	2.2	7
197	Cell-type and fetal-sex-specific targets of prenatal alcohol exposure in developing mouse cerebral cortex. IScience, 2021, 24, 102439.	4.1	20
198	CE-123, a novel dopamine transporter inhibitor, attenuates locomotor hyperactivity and improves cognitive functions in rat model of fetal alcohol spectrum disorders. Behavioural Brain Research, 2021, 410, 113326.	2.2	9
199	Divergent and overlapping hippocampal and cerebellar transcriptome responses following developmental ethanol exposure during the secondary neurogenic period. Alcoholism: Clinical and Experimental Research, 2021, 45, 1408-1423.	2.4	9
200	Neonatal ethanol causes profound reduction of cholinergic cell number in the basal forebrain of adult animals. Alcohol, 2021, 97, 1-11.	1.7	9

#	Article	IF	Citations
201	Ethanol modulation of hippocampal neuroinflammation, myelination, and neurodevelopment in a postnatal mouse model of fetal alcohol spectrum disorders. Neurotoxicology and Teratology, 2021, 87, 107015.	2.4	7
202	Morphological alteration in rat hippocampal neuronal dendrites following chronic binge prenatal alcohol exposure. Brain Research, 2021, 1768, 147587.	2.2	5
204	Impairment of the context preexposure facilitation effect in juvenile rats by neonatal alcohol exposure is associated with decreased Egr-1 mRNA expression in the prefrontal cortex.. Behavioral Neuroscience, 2018, 132, 497-511.	1.2	8
205	Effects of chronic prenatal ethanol exposure on mitochondrial glutathione and 8-iso-prostaglandin F2Î± concentrations in the hippocampus of the perinatal guinea pig. Reproduction, Fertility and Development, 2006, 18, 517.	0.4	23
206	Methyl Donor Supplementation Blocks the Adverse Effects of Maternal High Fat Diet on Offspring Physiology. PLoS ONE, 2013, 8, e63549.	2.5	98
207	Low Dose Prenatal Alcohol Exposure Does Not Impair Spatial Learning and Memory in Two Tests in Adult and Aged Rats. PLoS ONE, 2014, 9, e101482.	2.5	23
208	Impact of alcohol on the developing brain. International Journal of Nutrition, Pharmacology, Neurological Diseases, 2014, 4, 1.	0.5	2
209	Neurodevelopmental Timing of Ethanol Exposure May Contribute to Observed Heterogeneity of Behavioral Deficits in a Mouse Model of Fetal Alcohol Spectrum Disorder (FASD). Journal of Behavioral and Brain Science, 2013, 03, 85-99.	0.5	23
210	Sensory Processing Disorders in a Nonhuman Primate Model: Evidence for Occupational Therapy Practice. American Journal of Occupational Therapy, 2007, 61, 247-253.	0.3	21
211	Acquired Neurological Disorders and Diseases of Childhood. , 2009, , 363-394.		0
212	Vitamin C and Its Role in Brain Development and Cognition. , 2012, , 29-52.		1
213	Potential roles of imprinted genes in the teratogenic effects of alcohol on the placenta, somatic growth, and the developing brain. Experimental Neurology, 2022, 347, 113919.	4.1	7
214	Ethanol exposure during neurogenesis induces persistent effects on neural maturation: evidence from an ex vivo model of fetal cerebral cortical neuroepithelial progenitor maturation. Gene Expression, 2008, 14, 159-71.	1.2	64
215	Maternal risk factors for fetal alcohol spectrum disorders: not as simple as it might seem. Alcohol Research, 2011, 34, 15-26.	1.0	81
216	Alcohol and the developing brain: neuroanatomical studies. Alcohol Research, 2003, 27, 174-80.	1.0	13
217	Prenatal and Postnatal Choline Supplementation in Fetal Alcohol Spectrum Disorder. Nutrients, 2022, 14, 688.	4.1	22
219	Neurobiology of Neuronal Network Alteration in Intellectual Disability Related to Fetal Alcohol Spectrum Disorders. Journal of Behavioral and Brain Science, 2022, 12, 43-81.	0.5	2
220	mRNA expression analysis of the hippocampus in a vervet monkey model of fetal alcohol spectrum disorder. Journal of Neurodevelopmental Disorders, 2022, 14, 21.	3.1	2

#	Article	IF	Citations
221	Fibroblast growth factor 2: Role in prenatal alcohol-induced stimulation of hypothalamic peptide neurons. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2022, 116, 110536.	4.8	3
222	Neuroprotective effects of feeding Centella asiatica (L) Urb. â€“ Study of hippocampal neurons in pups born to alcohol-fed female Wistar rats. Research Journal of Pharmacy and Technology, 2022, , 1047-1052.	0.8	1
224	Alzheimer's Disease and Parkinson's Disease May Result from Reactivation of Embryologic Pathways Silenced at Birth.. Discovery Medicine, 2021, 31, 89-94.	0.5	1
225	Highâ€resolution diffusion tensor imaging identifies hippocampal volume loss without diffusion changes in individuals with prenatal alcohol exposure. Alcoholism: Clinical and Experimental Research, 2022, 46, 1204-1219.	2.4	3
226	The prevalence of fetal alcohol spectrum disorders in rural communities in South Africa: A third regional sample of child characteristics and maternal risk factors. Alcoholism: Clinical and Experimental Research, 2022, 46, 1819-1836.	2.4	9
227	Dose-Related Reduction in Hippocampal Neuronal Populations in Fetal Alcohol Exposed Vervet Monkeys. Brain Sciences, 2022, 12, 1117.	2.3	0
228	Neurophysiological correlates of memory change in children with fetal alcohol spectrum disorders treated with choline. Frontiers in Psychology, 0, 13, .	2.1	2
229	Fetal Alcohol Spectrum Disorder. , 2022, , 917-942.		0
230	Perinatal Morphine Exposure Leads to Sex-Dependent Executive Function Deficits and Microglial Changes in Mice. ENeuro, 2022, 9, ENEURO.0238-22.2022.	1.9	9
231	High-resolution imaging in studies of alcohol effect on prenatal development. Advances in Drug and Alcohol Research, 0, 3, .	2.5	0
232	Sexual Dimorphism in the Expression of Cardiac and Hippocampal Renin-Angiotensin and Kallikreinâ€“Kinin Systems in Offspring from Mice Exposed to Alcohol during Gestation. Antioxidants, 2023, 12, 541.	5.1	1
233	Multifaceted case management during pregnancy is associated with better child outcomes and less fetal alcohol syndrome. Annals of Medicine, 2023, 55, 926-945.	3.8	1
234	miRNA Expression Analysis of the Hippocampus in a Vervet Monkey Model of Fetal Alcohol Spectrum Disorder Reveals a Potential Role in Global mRNA Downregulation. Brain Sciences, 2023, 13, 934.	2.3	0
235	Estimates of total neuron number show that neonatal ethanol causes immediate and lasting neuron loss in cortical and subcortical areas. Frontiers in Neuroscience, 0, 17, .	2.8	3
236	Perinatal ethanol exposure affects cell populations in adult dorsal hippocampal neurogenic niche. Neuroscience Research, 2024, 198, 8-20.	1.9	0
237	Neurotoxicology of alcohol: a bibliometric and science mapping analysis. Frontiers in Pharmacology, 0, 14, .	3.5	2
238	A scoping review of the relationship between alcohol, memory consolidation and ripple activity: An overview of common methodologies to analyse ripples. European Journal of Neuroscience, 2023, 58, 4137-4154.	2.6	0