Charles V Vorhees

List of Publications by Year
in descending order

273 papers	14,555 citations	28274 55 h-index	27406 106 g-index
279 all docs	279 docs citations	279 times ranked	13992 citing authors

#	Article	IF	Citations
1	Review of rodent models of attention deficit hyperactivity disorder. Neuroscience and Biobehavioral Reviews, 2022, 132, 621-637.	6.1	30
2	Neurobehavioral abnormalities following prenatal psychosocial stress are differentially modulated by maternal environment. Translational Psychiatry, 2022, 12, 22.	4.8	9
3	Translating Neurobehavioral Toxicity Across Species From Zebrafish to Rats to Humans: Implications for Risk Assessment. Frontiers in Toxicology, 2021, 3, 629229.	3.1	20
4	Effects of Permethrin or Deltamethrin Exposure in Adult Sprague Dawley Rats on Acoustic and Light Prepulse Inhibition of Acoustic or Tactile Startle. Neurotoxicity Research, 2021, 39, 543-555.	2.7	2
5	Impact of preweaning stress on long-term neurobehavioral outcomes in Sprague-Dawley rats: Differential effects of barren cage rearing, pup isolation, and the combination. Neurotoxicology and Teratology, 2021, 84, 106956.	2.4	3
6	Latrophilin-3 disruption: Effects on brain and behavior. Neuroscience and Biobehavioral Reviews, 2021, 127, 619-629.	6.1	12
7	Review of Conventional and High Dose Rate Brain Radiation (FLASH): Neurobehavioural, Neurocognitive and Assessment Issues in Rodent Models. Clinical Oncology, 2021, 33, e482-e491.	1.4	6
8	An assessment of executive function in two different rat models of <scp>attentionâ€deficit</scp> hyperactivity disorder: Spontaneously hypertensive versus Lphn3 knockout rats. Genes, Brain and Behavior, 2021, 20, e12767.	2.2	7
9	Effects of pyrethroids on brain development and behavior: Deltamethrin. Neurotoxicology and Teratology, 2021, 87, 106983.	2.4	36
10	Issues in the design, analysis, and application of rodent developmental neurotoxicology studies. Neurotoxicology and Teratology, 2021, 87, 107018.	2.4	9
11	A novel role for the ADHD risk gene latrophilin-3 in learning and memory in Lphn3 knockout rats. Neurobiology of Disease, 2021, 158, 105456.	4.4	12
12	Litter effects: Comments on Golub and Sobin's â€œStatistical modeling of litter as a random effect in mixed models to manage â€œintralitter likenessâ€â€. Neurotoxicology and Teratology, 2020, 77, 106852.	2.4	8
13	The potassium channel Kv4.2 regulates dendritic spine morphology, electroencephalographic characteristics and seizure susceptibility in mice. Experimental Neurology, 2020, 334, 113437.	4.1	14
14	This is your teen brain on drugs: In search of biological factors unique to dependence toxicity in adolescence. Neurotoxicology and Teratology, 2020, 81, 106916.	2.4	17
15	Whole brain proton irradiation in adult Sprague Dawley rats produces dose dependent and non-dependent cognitive, behavioral, and dopaminergic effects. Scientific Reports, 2020, 10, 21584.	3.3	5
16	Enhanced Transient Striatal Dopamine Release and Reuptake in Lphn3 Knockout Rats. ACS Chemical Neuroscience, 2020, 11, 1171-1177.	3.5	20
17	Prolonged methamphetamine exposure during a critical period in neonatal Sprague Dawley rats does not exacerbate egocentric and allocentric learning deficits but increases reference memory impairments. International Journal of Developmental Neuroscience, 2020, 80, 163-174.	1.6	1
18	Chronic psychosocial stress during pregnancy affects maternal behavior and neuroendocrine function and modulates hypothalamic CRH and nuclear steroid receptor expression. Translational Psychiatry, 2020, 10, 6.	4.8	32

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19	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. Developmental Neuroscience, 2019, 41, 44-55.	2.0	7
20	Metal bashing: iron deficiency and manganese overexposure impact on peripheral nerves. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2019, 82, 99-112.	2.3	6
21	Infectionâ€induced endothelial amyloids impair memory. FASEB Journal, 2019, 33, 10300-10314.	0.5	20
22	Knockout of latrophilin-3 in Sprague-Dawley rats causes hyperactivity, hyper-reactivity, under-response to amphetamine, and disrupted dopamine markers. Neurobiology of Disease, 2019, 130, 104494.	4.4	35
23	Impairment of cognitive flexibility in type 2 diabetic db/db mice. Behavioural Brain Research, 2019, 371, 111978.	2.2	24
24	Effects of intrastriatal dopamine D1 or D2 antagonists on methamphetamine-induced egocentric and allocentric learning and memory deficits in Sprague–Dawley rats. Psychopharmacology, 2019, 236, 2243-2258.	3.1	11
25	Deltamethrin Exposure Daily From Postnatal Day 3â€“20 in Sprague-Dawley Rats Causes Long-term Cognitive and Behavioral Deficits. Toxicological Sciences, 2019, 169, 511-523.	3.1	31
26	Mouse knockout of guanylyl cyclase C: Recognition memory deficits in the absence of activity changes. Genes, Brain and Behavior, 2019, 18, e12573.	2.2	7
27	Prenatal exposure to PCBs in Cyp1a2 knockâ€out mice interferes with F 1 fertility, impairs longâ€term potentiation, reduces acoustic startle and impairs conditioned freezing contextual memory with minimal transgenerational effects. Journal of Applied Toxicology, 2019, 39, 603-621.	2.8	4
28	Effects of Acute Deltamethrin Exposure in Adult and Developing Sprague Dawley Rats on Acoustic Startle Response in Relation to Deltamethrin Brain and Plasma Concentrations. Toxicological Sciences, 2019, 168, 61-69.	3.1	11
29	Effects of Preweaning Manganese in Combination with Adult Striatal Dopamine Lesions on Monoamines, BDNF, TrkB, and Cognitive Function in Sprague–Dawley Rats. Neurotoxicity Research, 2019, 35, 606-620.	2.7	8
30	Developmental manganese, lead, and barren cage exposure have adverse long-term neurocognitive, behavioral and monoamine effects in Sprague-Dawley rats. Neurotoxicology and Teratology, 2018, 67, 50-64.	2.4	24
31	A Single High Dose of Methamphetamine Reduces Monoamines and Impairs Egocentric and Allocentric Learning and Memory in Adult Male Rats. Neurotoxicity Research, 2018, 33, 671-680.	2.7	16
32	Cognitive deficits and increases in creatine precursors in a brainâ€specific knockout of the creatine transporter gene Slc6a8. Genes, Brain and Behavior, 2018, 17, e12461.	2.2	24
33	Loss of Intercalated Cells (ITCs) in the Mouse Amygdala ofTshz1Mutants Correlates with Fear, Depression, and Social Interaction Phenotypes. Journal of Neuroscience, 2018, 38, 1160-1177.	3.6	47
34	A better approach to in vivo developmental neurotoxicity assessment: Alignment of rodent testing with effects seen in children after neurotoxic exposures. Toxicology and Applied Pharmacology, 2018, 354, 176-190.	2.8	15
35	Introduction and Summary of the 2018 Dietary Glutamate Workshop. Annals of Nutrition and Metabolism, 2018, 73, 1-4.	1.9	3
36	A Test of Dietary Monosodium Glutamate Developmental Neurotoxicity in Rats: A Reappraisal. Annals of Nutrition and Metabolism, 2018, 73, 36-42.	1.9	15

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37	Effects of Acute Exposure of Permethrin in Adult and Developing Sprague-Dawley Rats on Acoustic Startle Response and Brain and Plasma Concentrations. Toxicological Sciences, 2018, 165, 361-371.	3.1	10
38	Assessment of Learning, Memory, and Attention in Developmental Neurotoxicology Regulatory Testing: Commentary on essentiality of cognitive assessment for protecting child health. Neurotoxicology and Teratology, 2017, 61, 135-137.	2.4	2
39	Oligodendrocyte Nf1 Controls Aberrant Notch Activation and Regulates Myelin Structure and Behavior. Cell Reports, 2017, 19, 545-557.	6.4	42
40	Phosphodiesteraseâ€1b deletion confers depressionâ€like behavioral resistance separate from stressâ€related effects in mice. Genes, Brain and Behavior, 2017, 16, 756-767.	2.2	6
41	Brain uptake of deltamethrin in rats as a function of plasma protein binding and bloodâ€“brain barrier maturation. NeuroToxicology, 2017, 62, 24-29.	3.0	18
42	Phosphodiesterase-1b (Pde1b) knockout mice are resistant to forced swim and tail suspension induced immobility and show upregulation of Pde10a. Psychopharmacology, 2017, 234, 1803-1813.	3.1	18
43	Effects of Housing on Methamphetamine-Induced Neurotoxicity and Spatial Learning and Memory. ACS Chemical Neuroscience, 2017, 8, 1479-1489.	3.5	11
44	Learning and memory effects of neonatal methamphetamine exposure in rats: Role of reactive oxygen species and age at assessment. Synapse, 2017, 71, e21992.	1.2	10
45	Differential effects of perinatal exposure to antidepressants on learning and memory, acoustic startle, anxiety, and openâ€field activity in Sprague‐Dawley rats. International Journal of Developmental Neuroscience, 2017, 61, 92-111.	1.6	30
46	A heterozygous mutation in tubulin, beta <scp>2B</scp> (<scp>Tubb2b</scp>) causes cognitive deficits and hippocampal disorganization. Genes, Brain and Behavior, 2017, 16, 250-259.	2.2	8
47	Developmental manganese neurotoxicity in rats: Cognitive deficits in allocentric and egocentric learning and memory. Neurotoxicology and Teratology, 2017, 59, 16-26.	2.4	32
48	Effects of Neonatal Methamphetamine and Stress on Brain Monoamines and Corticosterone in Preweanling Rats. Neurotoxicity Research, 2017, 31, 269-282.	2.7	5
49	Current Topics in Postnatal Behavioral Testing. International Journal of Toxicology, 2016, 35, 499-520.	1.2	7
50	Mechanisms involved in the neurotoxic and cognitive effects of developmental methamphetamine exposure. Birth Defects Research Part C: Embryo Today Reviews, 2016, 108, 131-141.	3.6	22
51	Developmental manganese exposure in combination with developmental stress and iron deficiency: Effects on behavior and monoamines. Neurotoxicology and Teratology, 2016, 56, 55-67.	2.4	22
52	6-Hydroxydopamine-Induced Dopamine Reductions in the Nucleus Accumbens, but not the Medial Prefrontal Cortex, Impair Cincinnati Water Maze Egocentric and Morris Water Maze Allocentric Navigation in Male Sprague‐Dawley Rats. Neurotoxicity Research, 2016, 30, 199-212.	2.7	28
53	Developmental stress and lead (Pb): Effects of maternal separation and/or Pb on corticosterone, monoamines, and blood Pb in rats. NeuroToxicology, 2016, 54, 22-33.	3.0	21
54	Perinatal exposure to the selective serotonin reuptake inhibitor citalopram alters spatial learning and memory, anxiety, depression, and startle in Sprague‐Dawley rats. International Journal of Developmental Neuroscience, 2016, 54, 39-52.	1.6	48

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55	Cincinnati water maze: A review of the development, methods, and evidence as a test of egocentric learning and memory. Neurotoxicology and Teratology, 2016, 57, 1-19.	2.4	38
56	Modulation of Polycystic Kidney Disease Severity by Phosphodiesterase 1 and 3 Subfamilies. Journal of the American Society of Nephrology: JASN, 2016, 27, 1312-1320.	6.1	36
57	Assessment of learning, memory, and attention in developmental neurotoxicity regulatory studies: synthesis, commentary, and recommendations. Neurotoxicology and Teratology, 2015, 52, 109-115.	2.4	20
58	Assessment of learning, memory and attention in developmental neurotoxicity regulatory studies: Introduction. Neurotoxicology and Teratology, 2015, 52, 62-67.	2.4	12
59	Reprint of â€œValue of water mazes for assessing spatial and egocentric learning and memory in rodent basic research and regulatory studiesâ€. Neurotoxicology and Teratology, 2015, 52, 93-108.	2.4	60
60	Chronic social defeat, but not restraint stress, alters bladder function in mice. Physiology and Behavior, 2015, 150, 83-92.	2.1	17
61	Effects of developmental exposure to manganese and/or low iron diet: Changes to metal transporters, sucrose preference, elevated zero-maze, open-field, and locomotion in response to fenfluramine, amphetamine, and MK-801. Toxicology Reports, 2015, 2, 1046-1056.	3.3	20
62	Systemic and behavioral effects of intranasal administration of silver nanoparticles. Neurotoxicology and Teratology, 2015, 51, 68-76.	2.4	53
63	Neurobehavioral Effects from Developmental Methamphetamine Exposure. Current Topics in Behavioral Neurosciences, 2015, 29, 183-230.	1.7	21
64	Dopamine depletion in either the dorsomedial or dorsolateral striatum impairs egocentric Cincinnati water maze performance while sparing allocentric Morris water maze learning. Neurobiology of Learning and Memory, 2015, 118, 55-63.	1.9	40
65	Prenatal immune challenge in rats: Effects of polyinosinicâ€“polycytidylic acid on spatial learning, prepulse inhibition, conditioned fear, and responses to MK-801 and amphetamine. Neurotoxicology and Teratology, 2015, 47, 54-65.	2.4	63
66	Neuronal reorganization in adult rats neonatally exposed to (Â±)-3,4-methylenedioxymethamphetamine. Toxicology Reports, 2014, 1, 699-706.	3.3	2
67	Effects of developmental manganese, stress, and the combination of both on monoamines, growth, and corticosterone. Toxicology Reports, 2014, 1, 1046-1061.	3.3	27
68	Female mice heterozygous for creatine transporter deficiency show moderate cognitive deficits. Journal of Inherited Metabolic Disease, 2014, 37, 63-68.	3.6	27
69	Assessing Spatial Learning and Memory in Rodents. ILAR Journal, 2014, 55, 310-332.	1.8	405
70	Value of water mazes for assessing spatial and egocentric learning and memory in rodent basic research and regulatory studies. Neurotoxicology and Teratology, 2014, 45, 75-90.	2.4	108
71	Kaolinâ€induced ventriculomegaly at weaning produces longâ€term learning, memory, and motor deficits in rats. International Journal of Developmental Neuroscience, 2014, 35, 7-15.	1.6	25
72	A Combination of Mild Hypothermia and Sevoflurane Affords Long-Term Protection in a Modified Neonatal Mouse Model of Cerebral Hypoxia-Ischemia. Anesthesia and Analgesia, 2014, 119, 1158-1173.	2.2	23

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73	Nf1 Loss and Ras Hyperactivation in Oligodendrocytes Induce NOS-Driven Defects in Myelin and Vasculature. Cell Reports, 2013, 4, 1197-1212.	6.4	51
74	Neurobehavioral phenotype of C57BL/6J mice prenatally and neonatally exposed to cigarette smoke. Neurotoxicology and Teratology, 2013, 35, 34-45.	2.4	38
75	Tissue-specific effects of saposin A and saposin B on glycosphingolipid degradation in mutant mice. Human Molecular Genetics, 2013, 22, 2435-2450.	2.9	14
76	The LIM homeobox gene Isl1 is required for the correct development of the striatonigral pathway in the mouse. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4026-35.	7.1	76
77	Neonatal (+)-methamphetamine exposure in rats alters adult locomotor responses to dopamine D1 and D2 agonists and to a glutamate NMDA receptor antagonist, but not to serotonin agonists. International Journal of Neuropsychopharmacology, 2013, 16, 377-391.	2.1	14
78	Cognitive impairments from developmental exposure to serotonergic drugs: citalopram and MDMA. International Journal of Neuropsychopharmacology, 2013, 16, 1383-1394.	2.1	20
79	Distinct periods of developmental sensitivity to the effects of 3,4-(Â±)-methylenedioxymethamphetamine (MDMA) on behaviour and monoamines in rats. International Journal of Neuropsychopharmacology, 2012, 15, 811-824.	2.1	6
80	Neonatal Citalopram Treatment Inhibits the 5-HT Depleting Effects of MDMA Exposure in Rats. ACS Chemical Neuroscience, 2012, 3, 12-21.	3.5	4
81	Dorsal striatal dopamine depletion impairs both allocentric and egocentric navigation in rats. Neurobiology of Learning and Memory, 2012, 97, 402-408.	1.9	52
82	Prenatal immune challenge in rats: Altered responses to dopaminergic and glutamatergic agents, prepulse inhibition of acoustic startle, and reduced routeâ€based learning as a function of maternal body weight gain after prenatal exposure to poly IC. Synapse, 2012, 66, 725-737.	1.2	52
83	(Â±)3,4â€methylenedioxymethamphetamine (â€œecstasyâ€) treatment modulates expression of neurotrophins and their receptors in multiple regions of adult rat brain. Journal of Comparative Neurology, 2012, 520, 2459-2474.	1.6	26
84	Effect of vitamin C deficiency during postnatal development on adult behavior: functional phenotype of Gulo(â^’/â^’) knockout mice. Genes, Brain and Behavior, 2012, 11, 269-277.	2.2	31
85	Effect of vitamin C deficiency during postnatal development on adult behavior: functional phenotype of Gulo(â€“/â€“) knockout mice. Genes, Brain and Behavior, 2012, 11, 500-500.	2.2	0
86	A new model of Pde4d deficiency: genetic knockâ€down of PDE4D enzyme in rats produces an antidepressant phenotype without spatial cognitive effects. Genes, Brain and Behavior, 2012, 11, 614-622.	2.2	19
87	Effects of neonatal methamphetamine treatment on adult stress-induced corticosterone release in rats. Neurotoxicology and Teratology, 2012, 34, 136-142.	2.4	4
88	Effect of chronic glutathione deficiency on the behavioral phenotype of Gclm(â^’/â^’) knockout mice. Neurotoxicology and Teratology, 2012, 34, 450-457.	2.4	15
89	Electroencephalographic and Convulsive Effects of Binge Doses of (+)- Methamphetamine, 5-methoxydiisopropyltryptamine, and (Â±)-3,4- Methylenedioxymethamphetamine in Rats. The Open Neuropsychopharmacology Journal, 2012, 5, 1-8.	0.3	2
90	Neonatal methylphenidate does not impair adult spatial learning in the Morris water maze in rats. Neuroscience Letters, 2011, 502, 152-156.	2.1	8

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91	Effects of developmental stress and lead (Pb) on corticosterone after chronic and acute stress, brain monoamines, and blood Pb levels in rats. International Journal of Developmental Neuroscience, 2011, 29, 45-55.	1.6	29
92	Neurotoxic (+)-methamphetamine treatment in rats increases brain-derived neurotrophic factor and tropomyosin receptor kinase B expression in multiple brain regions. Neuroscience, 2011, 184, 164-171.	2.3	35
93	Comparison of the elevated plus and elevated zero mazes in treated and untreated male Sprague–Dawley rats: Effects of anxiolytic and anxiogenic agents. Pharmacology Biochemistry and Behavior, 2011, 97, 406-415.	2.9	146
94	Effects of periadolescent fluoxetine and paroxetine on elevated plus-maze, acoustic startle, and swimming immobility in rats while on and off-drug. Behavioral and Brain Functions, 2011, 7, 41.	3.3	9
95	Comparison of (+)–methamphetamine, Â±â€Methylenedioxymethamphetamine, (+)–amphetamine and Â±â€fenfluramine in rats on egocentric learning in the Cincinnati water maze. Synapse, 2011, 65, 368-378.	1.2	30
96	Targeted mutations in the Na,Kâ€ATPase alpha 2 isoform confer ouabain resistance and result in abnormal behavior in mice. Synapse, 2011, 65, 520-531.	1.2	34
97	In Utero and Lactational Exposure to a Complex Mixture of Polychlorinated Biphenyls: Toxicity in Pups Dependent on the Cyp1a2 and Ahr Genotypes. Toxicological Sciences, 2011, 119, 189-208.	3.1	21
98	In Utero and Lactational Exposure to PCBs in Mice: Adult Offspring Show Altered Learning and Memory Depending on Cyp1a2 and Ahr Genotypes. Environmental Health Perspectives, 2011, 119, 1286-1293.	6.0	42
99	Creatine Transporter (CrT; Slc6a8) Knockout Mice as a Model of Human CrT Deficiency. PLoS ONE, 2011, 6, e16187.	2.5	99
100	Neurobehavioral testing for developmental toxicity. , 2011, , 346-387.		0
101	Glucose and corticosterone changes in developing and adult rats following exposure to (Â±)-3,4-methylendioxymethamphetamine or 5-methoxydiisopropyltryptamine. Neurotoxicology and Teratology, 2010, 32, 152-157.	2.4	12
102	Effect of a neurotoxic dose regimen of (+)-methamphetamine on behavior, plasma corticosterone, and brain monoamines in adult C57BL/6 mice. Neurotoxicology and Teratology, 2010, 32, 346-355.	2.4	38
103	Neonatal methamphetamine-induced corticosterone release in rats is inhibited by adrenal autotransplantation without altering the effect of the drug on hippocampal serotonin. Neurotoxicology and Teratology, 2010, 32, 356-361.	2.4	6
104	Abnormal response to stress and impaired NPS-induced hyperlocomotion, anxiolytic effect and corticosterone increase in mice lacking NPSR1. Psychoneuroendocrinology, 2010, 35, 1119-1132.	2.7	62
105	(+)–Methamphetamine–induced monoamine reductions and impaired egocentric learning in adrenalectomized rats is independent of hyperthermia. Synapse, 2010, 64, 773-785.	1.2	22
106	Specific saposin C deficiency: CNS impairment and acid Â-glucosidase effects in the mouse. Human Molecular Genetics, 2010, 19, 634-647.	2.9	35
107	Neuronopathic Gaucher disease in the mouse: viable combined selective saposin C deficiency and mutant glucocerebrosidase (V394L) mice with glucosylsphingosine and glucosylceramide accumulation and progressive neurological deficits. Human Molecular Genetics, 2010, 19, 1088-1097.	2.9	113
108	Effects of inhibiting neonatal methamphetamine–induced corticosterone release in rats by adrenal autotransplantation on later learning, memory, and plasma corticosterone levels. International Journal of Developmental Neuroscience, 2010, 28, 331-342.	1.6	15

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109	Effects on plasma corticosterone levels and brain serotonin from interference with methamphetamine-induced corticosterone release in neonatal rats. Stress, 2010, 13, 469-480.	1.8	6
110	(+/â€“)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. Developmental Neuroscience, 2009, 31, 107-120.	2.0	32
111	Developmental treatment with the dopamine D2/3 agonist quinpirole selectively impairs spatial learning in the Morris water maze. Neurotoxicology and Teratology, 2009, 31, 1-10.	2.4	20
112	Comparison of the developmental effects of 5-methoxy-N,N-diisopropyltryptamine (Foxy) to (Â±)-3,4-methylenedioxymethamphetamine (ecstasy) in rats. Psychopharmacology, 2009, 204, 287-297.	3.1	26
113	Mouse plasmacytoma-expressed transcript 1 knock out induced 5-HT disruption results in a lack of cognitive deficits and an anxiety phenotype complicated by hypoactivity and defensiveness. Neuroscience, 2009, 164, 1431-1443.	2.3	51
114	Effects of (+)â€methamphetamine on path integration and spatial learning, but not locomotor activity or acoustic startle, align with the stress hyporesponsive period in rats. International Journal of Developmental Neuroscience, 2009, 27, 289-298.	1.6	39
115	The Effects of Neonatal Isoflurane Exposure in Mice on Brain Cell Viability, Adult Behavior, Learning, and Memory. Anesthesia and Analgesia, 2009, 108, 90-104.	2.2	225
116	Desflurane, Isoflurane, and Sevoflurane Provide Limited Neuroprotection against Neonatal Hypoxia-Ischemia in a Delayed Preconditioning Paradigm. Anesthesiology, 2009, 111, 533-546.	2.5	54
117	Effect of (+)-methamphetamine on path integration learning, novel object recognition, and neurotoxicity in rats. Psychopharmacology, 2008, 199, 637-650.	3.1	71
118	(+)â€Methamphetamine increases corticosterone in plasma and BDNF in brain more than forced swim or isolation in neonatal rats. Synapse, 2008, 62, 110-121.	1.2	45
119	Shortâ€and longâ€term effects of (+)â€methamphetamine and (Â±)â€3,4â€methylenedioxymethamphetamine on monoamine and corticosterone levels in the neonatal rat following multiple days of treatment. Journal of Neurochemistry, 2008, 104, 1674-1685.	3.9	43
120	Comparison of time-dependent effects of (+)-methamphetamine or forced swim on monoamines, corticosterone, glucose, creatine, and creatinine in rats. BMC Neuroscience, 2008, 9, 49.	1.9	36
121	Temporal gene expression profiling reveals CEBPD as a candidate regulator of brain disease in prosaposin deficient mice. BMC Neuroscience, 2008, 9, 76.	1.9	20
122	Progression of multiple behavioral deficits with various ages of onset in a murine model of Hurler syndrome. Brain Research, 2008, 1188, 241-253.	2.2	52
123	Metallothionein I,II deficient mice do not exhibit significantly worse long-term behavioral outcomes following neonatal hypoxiaâ€“ischemia: MT-I,II deficient mice have inherent behavioral impairments. Brain Research, 2008, 1190, 175-185.	2.2	15
124	Effects of neonatal (+)â€methamphetamine on path integration and spatial learning in rats: effects of dose and rearing conditions. International Journal of Developmental Neuroscience, 2008, 26, 599-610.	1.6	65
125	(Â±)-3,4-Methylenedioxymethamphetamine treatment in adult rats impairs path integration learning: A comparison of single vs once per week treatment for 5 weeks. Neuropharmacology, 2008, 55, 1121-1130.	4.1	26
126	Neurological deficits and glycosphingolipid accumulation in saposin B deficient mice. Human Molecular Genetics, 2008, 17, 2345-2356.	2.9	38

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127	Developmental effects of 3,4-methylenedioxymethamphetamine: a review. Behavioural Pharmacology, 2008, 19, 91-111.	1.7	56
128	Alterations in Body Temperature, Corticosterone, and Behavior Following the Administration of 5-Methoxy-Diisopropyltryptamine (â€˜Foxyâ€™) to Adult Rats: a New Drug of Abuse. Neuropsychopharmacology, 2007, 32, 1404-1420.	5.4	52
129	Isoflurane-Delayed Preconditioning Reduces Immediate Mortality and Improves Striatal Function in Adult Mice After Neonatal Hypoxia???Ischemia. Anesthesia and Analgesia, 2007, 104, 1066-1077.	2.2	43
130	Age-dependent effects of neonatal methamphetamine exposure on spatial learning. Behavioural Pharmacology, 2007, 18, 549-562.	1.7	38
131	Behavioral and neurochemical characterization of mice deficient in the phosphodiesterase-1B (PDE1B) enzyme. Neuropharmacology, 2007, 53, 113-124.	4.1	53
132	Deficiency in Na,K-ATPase Â Isoform Genes Alters Spatial Learning, Motor Activity, and Anxiety in Mice. Journal of Neuroscience, 2007, 27, 616-626.	3.6	249
133	Developmental effects of Â±3,4â€methylenedioxymethamphetamine on spatial versus path integration learning: Effects of dose distribution. Synapse, 2007, 61, 488-499.	1.2	23
134	Neonatal (+)-methamphetamine increases brain derived neurotrophic factor, but not nerve growth factor, during treatment and results in long-term spatial learning deficits. Psychoneuroendocrinology, 2007, 32, 734-745.	2.7	39
135	Na,K-ATPase and the role of Î± isoforms in behavior. Journal of Bioenergetics and Biomembranes, 2007, 39, 385-389.	2.3	80
136	Cerebral Ischemia-Hypoxia Induces Intravascular Coagulation and Autophagy. American Journal of Pathology, 2006, 169, 566-583.	3.8	336
137	3,4-Methylenedioxymethamphetamine in Adult Rats Produces Deficits in Path Integration and Spatial Reference Memory. Biological Psychiatry, 2006, 59, 1219-1226.	1.3	70
138	Comparison of monoamine and corticosterone levels 24 h following (+)methamphetamine, (+/â€“)3,4-methylenedioxymethamphetamine, cocaine, (+)fenfluramine or (+/â€“)methylphenidate administration in the neonatal rat. Journal of Neurochemistry, 2006, 98, 1369-1378.	3.9	33
139	Phosphodiesterase 1B differentially modulates the effects of methamphetamine on locomotor activity and spatial learning through DARPP32-dependent pathways: evidence from PDE1B-DARPP32 double-knockout mice. Genes, Brain and Behavior, 2006, 5, 540-551.	2.2	49
140	Morris water maze: procedures for assessing spatial and related forms of learning and memory. Nature Protocols, 2006, 1, 848-858.	12.0	3,377
141	Treatment with MDMA from P11â€“20 disrupts spatial learning and path integration learning in adolescent rats but only spatial learning in older rats. Psychopharmacology, 2006, 189, 307-318.	3.1	39
142	Neonatal 3,4-methylenedioxymethamphetamine (MDMA) exposure alters neuronal protein kinase A activity, serotonin and dopamine content, and [35S]GTPÎ³S binding in adult rats. Brain Research, 2006, 1077, 178-186.	2.2	21
143	Adult neurological function following neonatal hypoxiaâ€“ischemia in a mouse model of the term neonate: Water maze performance is dependent on separable cognitive and motor components. Brain Research, 2006, 1118, 208-221.	2.2	50
144	Genetic Differences in Lethality of Newborn Mice Treated In Utero with Coplanar versus Non-Coplanar Hexabromobiphenyl. Toxicological Sciences, 2006, 89, 454-464.	3.1	9

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145	Ontogeny of the adrenal response to (+)-methamphetamine in neonatal rats: The effect of prior drug exposure. Stress, 2006, 9, 153-163.	1.8	25
146	Abnormal neurodevelopment, neurosignaling and behaviour in Npas3-deficient mice. European Journal of Neuroscience, 2005, 22, 1265-1276.	2.6	67
147	3,4-Methylenedioxymethamphetamine administration on postnatal day 11 in rats increases pituitaryâ€“adrenal output and reduces striatal and hippocampal serotonin without altering SERT activity. Brain Research, 2005, 1039, 97-107.	2.2	29
148	Periadolescent rats (P41â€“50) exhibit increased susceptibility to d-methamphetamine-induced long-term spatial and sequential learning deficits compared to juvenile (P21â€“30 or P31â€“40) or adult rats (P51â€“60). Neurotoxicology and Teratology, 2005, 27, 117-134.	2.4	57
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