

Edward D Levin

List of Publications by Year in descending order

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Version: 2024-02-01

206
papers

11,679
citations

28274

55
h-index

31849

101
g-index

224
all docs

224
docs citations

224
times ranked

9997
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The toxicology of climate change: Environmental contaminants in a warming world. <i>Environment International</i> , 2009, 35, 971-986. | 10.0 | 881 |
| 2 | Nicotinic effects on cognitive function: behavioral characterization, pharmacological specification, and anatomic localization. <i>Psychopharmacology</i> , 2006, 184, 523-539. | 3.1 | 711 |
| 3 | Anxiolytic effects of nicotine in zebrafish. <i>Physiology and Behavior</i> , 2007, 90, 54-58. | 2.1 | 521 |
| 4 | Uptake, tissue distribution, and toxicity of polystyrene nanoparticles in developing zebrafish (<i>Danio rerio</i>). <i>Toxicology and Applied Pharmacology</i> , 2010, 100, 10-18. | 4.0 | 403 |
| 5 | Buspirone, chlordiazepoxide and diazepam effects in a zebrafish model of anxiety. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 94, 75-80. | 2.9 | 346 |
| 6 | Nicotinic receptor subtypes and cognitive function. <i>Journal of Neurobiology</i> , 2002, 53, 633-640. | 3.6 | 324 |
| 7 | Maternal transfer of nanoplastics to offspring in zebrafish (<i>Danio rerio</i>): A case study with nanopolystyrene. <i>Science of the Total Environment</i> , 2018, 643, 324-334. | 8.0 | 241 |
| 8 | Nicotinic System Involvement in Alzheimer's and Parkinson's Diseases. <i>Drugs and Aging</i> , 1997, 11, 206-228. | 2.7 | 229 |
| 9 | Mecamylamine combined with nicotine skin patch facilitates smoking cessation beyond nicotine patch treatment alone. <i>Clinical Pharmacology and Therapeutics</i> , 1994, 56, 86-99. | 4.7 | 225 |
| 10 | Prenatal chlorpyrifos exposure in rats causes persistent behavioral alterations. <i>Neurotoxicology and Teratology</i> , 2002, 24, 733-741. | 2.4 | 212 |
| 11 | Persistent behavioral consequences of neonatal chlorpyrifos exposure in rats. <i>Developmental Brain Research</i> , 2001, 130, 83-89. | 1.7 | 203 |
| 12 | Binge Pattern Ethanol Exposure in Adolescent and Adult Rats: Differential Impact on Subsequent Responsiveness to Ethanol. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 1251-1256. | 2.4 | 198 |
| 13 | Adolescent-onset nicotine self-administration modeled in female rats. <i>Psychopharmacology</i> , 2003, 169, 141-149. | 3.1 | 188 |
| 14 | Cannabinoid exposure and altered DNA methylation in rat and human sperm. <i>Epigenetics</i> , 2018, 13, 1208-1221. | 2.7 | 160 |
| 15 | Chlorpyrifos exposure of developing zebrafish: effects on survival and long-term effects on response latency and spatial discrimination. <i>Neurotoxicology and Teratology</i> , 2003, 25, 51-57. | 2.4 | 156 |
| 16 | Effects of chronic nicotine and methylphenidate in adults with attention deficit/hyperactivity disorder. <i>Experimental and Clinical Psychopharmacology</i> , 2001, 9, 83-90. | 1.8 | 147 |
| 17 | Development of nicotinic drug therapy for cognitive disorders. <i>European Journal of Pharmacology</i> , 2000, 393, 141-146. | 3.5 | 145 |
| 18 | Zebrafish model systems for developmental neurobehavioral toxicology. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2013, 99, 14-23. | 3.6 | 143 |

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|----|--|------|-----------|
| 19 | Smoking in Vietnam combat veterans with post-traumatic stress disorder. <i>Journal of Traumatic Stress</i> , 1995, 8, 461-472. | 1.8 | 134 |
| 20 | Developmental neurotoxicity of succeeding generations of insecticides. <i>Environment International</i> , 2017, 99, 55-77. | 10.0 | 132 |
| 21 | Nicotinic involvement in memory function in zebrafish. <i>Neurotoxicology and Teratology</i> , 2004, 26, 731-735. | 2.4 | 131 |
| 22 | Neurobehavioral impairments caused by developmental imidacloprid exposure in zebrafish. <i>Neurotoxicology and Teratology</i> , 2015, 49, 81-90. | 2.4 | 130 |
| 23 | Transdermal nicotine facilitates smoking cessation. <i>Clinical Pharmacology and Therapeutics</i> , 1990, 47, 323-330. | 4.7 | 129 |
| 24 | Prenatal nicotine effects on memory in rats: pharmacological and behavioral challenges. <i>Developmental Brain Research</i> , 1996, 97, 207-215. | 1.7 | 128 |
| 25 | Developmental chlorpyrifos effects on hatchling zebrafish swimming behavior. <i>Neurotoxicology and Teratology</i> , 2004, 26, 719-723. | 2.4 | 127 |
| 26 | Adolescent vs. adult-onset nicotine self-administration in male rats: Duration of effect and differential nicotinic receptor correlates. <i>Neurotoxicology and Teratology</i> , 2007, 29, 458-465. | 2.4 | 127 |
| 27 | Persistent cognitive alterations in rats after early postnatal exposure to low doses of the organophosphate pesticide, diazinon. <i>Neurotoxicology and Teratology</i> , 2008, 30, 38-45. | 2.4 | 127 |
| 28 | Nicotinic $\alpha 7$ - or $\alpha 2$ -containing receptor knockout: Effects on radial-arm maze learning and long-term nicotine consumption in mice. <i>Behavioural Brain Research</i> , 2009, 196, 207-213. | 2.2 | 111 |
| 29 | Nicotinic interactions with antipsychotic drugs, models of schizophrenia and impacts on cognitive function. <i>Biochemical Pharmacology</i> , 2007, 74, 1182-1191. | 4.4 | 108 |
| 30 | Organophosphate Insecticides Target the Serotonergic System in Developing Rat Brain Regions: Disparate Effects of Diazinon and Parathion at Doses Spanning the Threshold for Cholinesterase Inhibition. <i>Environmental Health Perspectives</i> , 2006, 114, 1542-1546. | 6.0 | 107 |
| 31 | Developmental diazinon neurotoxicity in rats: Later effects on emotional response. <i>Brain Research Bulletin</i> , 2008, 75, 166-172. | 3.0 | 107 |
| 32 | Chronic transdermal nicotine patch treatment effects on cognitive performance in age-associated memory impairment. <i>Psychopharmacology</i> , 2004, 171, 465-471. | 3.1 | 101 |
| 33 | Spatial and non-spatial visual discrimination learning in zebrafish (<i>Danio rerio</i>). <i>Animal Cognition</i> , 2001, 4, 125-131. | 1.8 | 95 |
| 34 | Long-term neurobehavioral effects of perinatal polychlorinated biphenyl (PCB) exposure in monkeys. <i>Environmental Toxicology and Chemistry</i> , 1991, 10, 747-756. | 4.3 | 94 |
| 35 | Timing of nicotine effects on learning in zebrafish. <i>Psychopharmacology</i> , 2006, 184, 547-552. | 3.1 | 94 |
| 36 | Persistent behavioral alterations in rats neonatally exposed to low doses of the organophosphate pesticide, parathion. <i>Brain Research Bulletin</i> , 2008, 77, 404-411. | 3.0 | 87 |

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|----|--|-----|-----------|
| 37 | Nicotine effects on learning in zebrafish: the role of dopaminergic systems. <i>Psychopharmacology</i> , 2009, 202, 103-109. | 3.1 | 87 |
| 38 | Effects of sazetidine-A, a selective $\alpha 4\beta 2$ nicotinic acetylcholine receptor desensitizing agent on alcohol and nicotine self-administration in selectively bred alcohol-preferring (P) rats. <i>Psychopharmacology</i> , 2010, 211, 161-174. | 3.1 | 86 |
| 39 | Lorcaserin, a 5-HT _{2C} Agonist, Decreases Nicotine Self-Administration in Female Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 338, 890-896. | 2.5 | 83 |
| 40 | Ventral hippocampal $\alpha 7$ nicotinic receptor blockade and chronic nicotine effects on memory performance in the radial-arm maze. <i>Pharmacology Biochemistry and Behavior</i> , 2001, 70, 467-474. | 2.9 | 82 |
| 41 | Neonatal Exposure to Low Doses of Diazinon: Long-Term Effects on Neural Cell Development and Acetylcholine Systems. <i>Environmental Health Perspectives</i> , 2008, 116, 340-348. | 6.0 | 80 |
| 42 | Chronic nicotine working and reference memory effects in the 16-arm radial maze: interactions with D1 agonist and antagonist drugs. <i>Psychopharmacology</i> , 1996, 127, 25-30. | 3.1 | 78 |
| 43 | Persisting behavioral consequences of prenatal domoic acid exposure in rats. <i>Neurotoxicology and Teratology</i> , 2005, 27, 719-725. | 2.4 | 78 |
| 44 | Increased nicotine self-administration following prenatal exposure in female rats. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 85, 669-674. | 2.9 | 76 |
| 45 | Developmental neurotoxicity of low dose diazinon exposure of neonatal rats: Effects on serotonin systems in adolescence and adulthood. <i>Brain Research Bulletin</i> , 2008, 75, 640-647. | 3.0 | 75 |
| 46 | $\alpha 7$ -Nicotinic Receptors and Cognition. <i>Current Drug Targets</i> , 2012, 13, 602-606. | 2.1 | 73 |
| 47 | Smoking in vietnam combat veterans with post-traumatic stress disorder. <i>Journal of Traumatic Stress</i> , 1995, 8, 461-472. | 1.8 | 73 |
| 48 | The nicotinic antagonist mecamylamine preferentially inhibits cocaine vs. food self-administration in rats. <i>Physiology and Behavior</i> , 2000, 71, 565-570. | 2.1 | 68 |
| 49 | Molecular manipulations of extracellular superoxide dismutase: functional importance for learning. <i>Behavior Genetics</i> , 1998, 28, 381-390. | 2.1 | 67 |
| 50 | Complex relationships of nicotinic receptor actions and cognitive functions. <i>Biochemical Pharmacology</i> , 2013, 86, 1145-1152. | 4.4 | 67 |
| 51 | Sazetidine-A, a Selective $\alpha 4\beta 2$ Nicotinic Receptor Desensitizing Agent and Partial Agonist, Reduces Nicotine Self-Administration in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 933-939. | 2.5 | 66 |
| 52 | Nicotinic mechanisms of memory: effects of acute local DH β E and MLA infusions in the basolateral amygdala. <i>Cognitive Brain Research</i> , 2003, 16, 51-57. | 3.0 | 64 |
| 53 | Early postnatal parathion exposure in rats causes sex-selective cognitive impairment and neurotransmitter defects which emerge in aging. <i>Behavioural Brain Research</i> , 2010, 208, 319-327. | 2.2 | 61 |
| 54 | Zebrafish assessment of cognitive improvement and anxiolysis: filling the gap between <i>in vitro</i> and rodent models for drug development. <i>Reviews in the Neurosciences</i> , 2011, 22, 75-84. | 2.9 | 61 |

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|----|---|-----|-----------|
| 55 | Paternal THC exposure in rats causes long-lasting neurobehavioral effects in the offspring. <i>Neurotoxicology and Teratology</i> , 2019, 74, 106806. | 2.4 | 61 |
| 56 | Cannabis use is associated with potentially heritable widespread changes in autism candidate gene <i>DLGAP2</i> DNA methylation in sperm. <i>Epigenetics</i> , 2020, 15, 161-173. | 2.7 | 61 |
| 57 | Developmental exposure to low concentrations of two brominated flame retardants, BDE-47 and BDE-99, causes life-long behavioral alterations in zebrafish. <i>NeuroToxicology</i> , 2018, 66, 221-232. | 3.0 | 58 |
| 58 | Developmental Exposure to Low Concentrations of Organophosphate Flame Retardants Causes Life-Long Behavioral Alterations in Zebrafish. <i>Toxicological Sciences</i> , 2018, 165, 487-498. | 3.1 | 55 |
| 59 | Lorcaserin, a selective 5-HT _{2C} receptor agonist, decreases alcohol intake in female alcohol preferring rats. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 125, 8-14. | 2.9 | 51 |
| 60 | Differential effects of non-nicotine tobacco constituent compounds on nicotine self-administration in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 120, 103-108. | 2.9 | 48 |
| 61 | Persistent behavioral impairment caused by embryonic methylphenidate exposure in zebrafish. <i>Neurotoxicology and Teratology</i> , 2011, 33, 668-673. | 2.4 | 47 |
| 62 | Attention-modulating effects of cognitive enhancers. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 99, 146-154. | 2.9 | 47 |
| 63 | Cognitive and Behavioral Impairments Evoked by Low-Level Exposure to Tobacco Smoke Components: Comparison with Nicotine Alone. <i>Toxicological Sciences</i> , 2016, 151, 236-244. | 3.1 | 47 |
| 64 | Pharmacological analyses of learning and memory in zebrafish (<i>Danio rerio</i>). <i>Pharmacology Biochemistry and Behavior</i> , 2015, 139, 103-111. | 2.9 | 44 |
| 65 | Threshold of adulthood for the onset of nicotine self-administration in male and female rats. <i>Behavioural Brain Research</i> , 2011, 225, 473-481. | 2.2 | 42 |
| 66 | Developmental Neurotoxicity of Tobacco Smoke Directed Toward Cholinergic and Serotonergic Systems: More Than Just Nicotine. <i>Toxicological Sciences</i> , 2015, 147, 178-189. | 3.1 | 41 |
| 67 | Refraining from use diminishes cannabis-associated epigenetic changes in human sperm. <i>Environmental Epigenetics</i> , 2021, 7, dvab009. | 1.8 | 41 |
| 68 | Persistent neurobehavioral effects of early postnatal domoic acid exposure in rats. <i>Neurotoxicology and Teratology</i> , 2006, 28, 673-680. | 2.4 | 40 |
| 69 | Ketanserin, a 5-HT ₂ receptor antagonist, decreases nicotine self-administration in rats. <i>European Journal of Pharmacology</i> , 2008, 600, 93-97. | 3.5 | 40 |
| 70 | Teratogenic, bioenergetic, and behavioral effects of exposure to total particulate matter on early development of zebrafish (<i>Danio rerio</i>) are not mimicked by nicotine. <i>Neurotoxicology and Teratology</i> , 2015, 51, 77-88. | 2.4 | 40 |
| 71 | Silver exposure in developing zebrafish produces persistent synaptic and behavioral changes. <i>Neurotoxicology and Teratology</i> , 2011, 33, 329-332. | 2.4 | 39 |
| 72 | Persisting effects of a PBDE metabolite, 6-OH-BDE-47, on larval and juvenile zebrafish swimming behavior. <i>Neurotoxicology and Teratology</i> , 2015, 52, 119-126. | 2.4 | 39 |

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|----|---|-----|-----------|
| 73 | Persistent behavioral effects following early life exposure to retinoic acid or valproic acid in zebrafish. <i>NeuroToxicology</i> , 2016, 52, 23-33. | 3.0 | 39 |
| 74 | Beyond the looking glass: recent advances in understanding the impact of environmental exposures on neuropsychiatric disease. <i>Neuropsychopharmacology</i> , 2020, 45, 1086-1096. | 5.4 | 39 |
| 75 | Ventral hippocampal NMDA blockade and nicotinic effects on memory function. <i>Brain Research Bulletin</i> , 2003, 61, 489-495. | 3.0 | 36 |
| 76 | Low-dose mecamylamine improves learning of rats in the radial-arm maze repeated acquisition procedure. <i>Neurobiology of Learning and Memory</i> , 2006, 86, 117-122. | 1.9 | 36 |
| 77 | Nicotine and clozapine actions on pre-pulse inhibition deficits caused by N-methyl-d-aspartate (NMDA) glutamatergic receptor blockade. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2005, 29, 581-586. | 4.8 | 35 |
| 78 | Assessing the effects of chronic sazetidine-A delivery on nicotine self-administration in both male and female rats. <i>Psychopharmacology</i> , 2012, 222, 269-276. | 3.1 | 35 |
| 79 | Extracellular Superoxide Dismutase (EC-SOD) Quenches Free Radicals and Attenuates Age-Related Cognitive Decline: Opportunities for Novel Drug Development in Aging. <i>Current Alzheimer Research</i> , 2005, 2, 191-196. | 1.4 | 34 |
| 80 | Developmental Neurotoxicity of Nicotine. , 1998, , 587-615. | | 34 |
| 81 | Sperm DNA methylation altered by THC and nicotine: Vulnerability of neurodevelopmental genes with bivalent chromatin. <i>Scientific Reports</i> , 2020, 10, 16022. | 3.3 | 33 |
| 82 | Characteristics of oral movements in rats during and after chronic haloperidol and fluphenazine administration. <i>Psychopharmacology</i> , 1988, 94, 421-7. | 3.1 | 31 |
| 83 | Effects of clozapine on memory function in the rat neonatal hippocampal lesion model of schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2006, 30, 223-229. | 4.8 | 31 |
| 84 | Persistence of nicotinic agonist RJR 2403-induced working memory improvement in rats. <i>Drug Development Research</i> , 2002, 55, 97-103. | 2.9 | 30 |
| 85 | Extracellular superoxide dismutase overexpression protects against aging-induced cognitive impairment in mice. <i>Behavior Genetics</i> , 2002, 32, 119-125. | 2.1 | 30 |
| 86 | Baclofen interactions with nicotine in rats: effects on memory. <i>Pharmacology Biochemistry and Behavior</i> , 2004, 79, 343-348. | 2.9 | 30 |
| 87 | Fetal nicotinic overload, blunted sympathetic responsivity, and obesity. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2005, 73, 481-484. | 1.6 | 30 |
| 88 | Opioid Self-Administration is Attenuated by Early-Life Experience and Gene Therapy for Anti-Inflammatory IL-10 in the Nucleus Accumbens of Male Rats. <i>Neuropsychopharmacology</i> , 2017, 42, 2128-2140. | 5.4 | 30 |
| 89 | Ketanserin attenuates nicotine-induced working memory improvement in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 82, 289-292. | 2.9 | 29 |
| 90 | Ventral hippocampal $\hat{1}\pm 7$ and $\hat{1}\pm 4\hat{1}^2 2$ nicotinic receptor blockade and clozapine effects on memory in female rats. <i>Psychopharmacology</i> , 2006, 188, 597-604. | 3.1 | 29 |

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|-----|--|-----|-----------|
| 91 | Perinatal diazinon exposure compromises the development of acetylcholine and serotonin systems. <i>Toxicology</i> , 2019, 424, 152240. | 4.2 | 29 |
| 92 | Nicotine interactions with dopamine agonists: Effects on working memory function. <i>Drug Development Research</i> , 1994, 31, 32-37. | 2.9 | 28 |
| 93 | Chronic nicotine and dizocilpine effects on regionally specific nicotinic and NMDA glutamate receptor binding. <i>Brain Research</i> , 2005, 1041, 132-142. | 2.2 | 28 |
| 94 | Learning about cognition risk with the radial-arm maze in the developmental neurotoxicology battery. <i>Neurotoxicology and Teratology</i> , 2015, 52, 88-92. | 2.4 | 28 |
| 95 | Maternal vitamin D deficiency and developmental origins of health and disease (DOHaD). <i>Journal of Endocrinology</i> , 2019, 241, R65-R80. | 2.6 | 28 |
| 96 | Metallothionein expression and neurocognitive function in mice. <i>Physiology and Behavior</i> , 2006, 87, 513-518. | 2.1 | 27 |
| 97 | Genetic aspects of behavioral neurotoxicology. <i>NeuroToxicology</i> , 2009, 30, 741-753. | 3.0 | 27 |
| 98 | Improvement of attentional function with antagonism of nicotinic receptors in female rats. <i>European Journal of Pharmacology</i> , 2013, 702, 269-274. | 3.5 | 27 |
| 99 | Bupropion-varenicline interactions and nicotine self-administration behavior in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 130, 84-89. | 2.9 | 27 |
| 100 | Nicotinic-antipsychotic drug interactions and cognitive function. , 2006, 98, 185-205. | | 27 |
| 101 | Nicotinic agonist and antagonist effects on memory. <i>Drug Development Research</i> , 1996, 38, 188-195. | 2.9 | 26 |
| 102 | Olanzapine interactions with nicotine and mecamylamine in rats: Effects on memory function. <i>Neurotoxicology and Teratology</i> , 2005, 27, 459-464. | 2.4 | 25 |
| 103 | Effects of tobacco smoke constituents, anabasine and anatabine, on memory and attention in female rats. <i>Journal of Psychopharmacology</i> , 2014, 28, 915-922. | 4.0 | 25 |
| 104 | Diverse neurotoxicants target the differentiation of embryonic neural stem cells into neuronal and glial phenotypes. <i>Toxicology</i> , 2016, 372, 42-51. | 4.2 | 25 |
| 105 | Paternal nicotine exposure in rats produces long-lasting neurobehavioral effects in the offspring. <i>Neurotoxicology and Teratology</i> , 2019, 74, 106808. | 2.4 | 25 |
| 106 | Neuro-anatomic mapping of dopamine D1 receptor involvement in nicotine self-administration in rats. <i>Neuropharmacology</i> , 2015, 99, 689-695. | 4.1 | 24 |
| 107 | The use of zebrafish (<i>Danio rerio</i>) as a model system in neurobehavioral toxicology. <i>Neurotoxicology and Teratology</i> , 2004, 26, 707-708. | 2.4 | 23 |
| 108 | Nicotinic antagonist effects in the mediodorsal thalamic nucleus: Regional heterogeneity of nicotinic receptor involvement in cognitive function. <i>Biochemical Pharmacology</i> , 2009, 78, 788-794. | 4.4 | 23 |

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|-----|--|-----|-----------|
| 109 | Paternal factors in neurodevelopmental toxicology: THC exposure of male rats causes long-lasting neurobehavioral effects in their offspring. <i>NeuroToxicology</i> , 2020, 78, 57-63. | 3.0 | 23 |
| 110 | Ketamine Differentially Attenuates Alcohol Intake in Male Versus Female Alcohol Preferring (P) Rats. <i>Journal of Drug and Alcohol Research</i> , 2017, 6, 1-6. | 0.9 | 23 |
| 111 | Memory Decline of Aging Reduced by Extracellular Superoxide Dismutase Overexpression. <i>Behavior Genetics</i> , 2005, 35, 447-453. | 2.1 | 22 |
| 112 | Histamine H1 antagonist treatment with pyrilamine reduces nicotine self-administration in rats. <i>European Journal of Pharmacology</i> , 2011, 650, 256-260. | 3.5 | 22 |
| 113 | Translating Neurobehavioral Toxicity Across Species From Zebrafish to Rats to Humans: Implications for Risk Assessment. <i>Frontiers in Toxicology</i> , 2021, 3, 629229. | 3.1 | 20 |
| 114 | Clozapine treatment reverses dizocilpine-induced deficits of pre-pulse inhibition of tactile startle response. <i>Pharmacology Biochemistry and Behavior</i> , 2007, 86, 597-605. | 2.9 | 19 |
| 115 | Histamine H1 receptor involvement in prepulse inhibition and memory function: Relevance for the antipsychotic actions of clozapine. <i>Pharmacology Biochemistry and Behavior</i> , 2007, 86, 686-692. | 2.9 | 19 |
| 116 | Developmental exposure to an organophosphate flame retardant alters later behavioral responses to dopamine antagonism in zebrafish larvae. <i>Neurotoxicology and Teratology</i> , 2018, 67, 25-30. | 2.4 | 19 |
| 117 | Intracerebroventricular nicotine and mecamylamine alter radial-arm maze performance in rats. <i>Drug Development Research</i> , 1994, 31, 18-23. | 2.9 | 18 |
| 118 | Chronic nicotine-induced improvement of spatial working memory and D2 dopamine effects in rats. <i>Drug Development Research</i> , 1996, 39, 29-35. | 2.9 | 18 |
| 119 | Bridged nicotine, isonicotine, and norisonicotine effects on working memory performance of rats in the radial-arm maze. <i>Drug Development Research</i> , 1999, 46, 107-111. | 2.9 | 18 |
| 120 | NMDA systems in the amygdala and piriform cortex and nicotinic effects on memory function. <i>Cognitive Brain Research</i> , 2003, 17, 475-483. | 3.0 | 18 |
| 121 | Acute oral 18-methoxycoronaridine (18-MC) decreases both alcohol intake and IV nicotine self-administration in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2016, 150-151, 153-157. | 2.9 | 18 |
| 122 | Lobeline-induced learning improvement of rats in the radial-arm maze. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 76, 133-139. | 2.9 | 17 |
| 123 | Effects of tobacco smoke on PC12 cell neurodifferentiation are distinct from those of nicotine or benzo[a]pyrene. <i>Neurotoxicology and Teratology</i> , 2014, 43, 19-24. | 2.4 | 17 |
| 124 | Prenatal nicotine changes the response to postnatal chlorpyrifos: Interactions targeting serotonergic synaptic function and cognition. <i>Brain Research Bulletin</i> , 2015, 111, 84-96. | 3.0 | 17 |
| 125 | Dextromethorphan interactions with histaminergic and serotonergic treatments to reduce nicotine self-administration in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2016, 142, 1-7. | 2.9 | 17 |
| 126 | This is your teen brain on drugs: In search of biological factors unique to dependence toxicity in adolescence. <i>Neurotoxicology and Teratology</i> , 2020, 81, 106916. | 2.4 | 17 |

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|-----|---|-----|-----------|
| 127 | Paternal δ^9 -Tetrahydrocannabinol Exposure Prior to Mating Elicits Deficits in Cholinergic Synaptic Function in the Offspring. <i>Toxicological Sciences</i> , 2020, 174, 210-217. | 3.1 | 17 |
| 128 | Learning impairment caused by a toxin produced by <i>Pfiesteria piscicida</i> infused into the hippocampus of rats. <i>Neurotoxicology and Teratology</i> , 2003, 25, 419-426. | 2.4 | 16 |
| 129 | Adult exposure to insecticides causes persistent behavioral and neurochemical alterations in zebrafish. <i>Neurotoxicology and Teratology</i> , 2020, 78, 106853. | 2.4 | 16 |
| 130 | IV nicotine self-administration in rats using a consummatory operant licking response: Sensitivity to serotonergic, glutaminergic and histaminergic drugs. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 54, 200-205. | 4.8 | 15 |
| 131 | Prenatal dexamethasone augments the neurobehavioral teratology of chlorpyrifos: Significance for maternal stress and preterm labor. <i>Neurotoxicology and Teratology</i> , 2014, 41, 35-42. | 2.4 | 15 |
| 132 | Dopamine D1 and D2 receptor antagonism during development alters later behavior in zebrafish. <i>Behavioural Brain Research</i> , 2019, 356, 250-256. | 2.2 | 15 |
| 133 | Interaction of nicotinic and histamine H3 systems in the radial-arm maze repeated acquisition task. <i>European Journal of Pharmacology</i> , 2007, 569, 64-69. | 3.5 | 14 |
| 134 | Decreasing nicotinic receptor activity and the spatial learning impairment caused by the NMDA glutamate antagonist dizocilpine in rats. <i>European Journal of Pharmacology</i> , 2014, 741, 132-139. | 3.5 | 14 |
| 135 | Exposure to 1,2-Propanediol Impacts Early Development of Zebrafish (<i>Danio rerio</i>) and Induces Hyperactivity. <i>Zebrafish</i> , 2017, 14, 216-222. | 1.1 | 14 |
| 136 | Heterogeneity Across Brain Regions and Neurotransmitter Interactions with Nicotinic Effects on Memory Function. <i>Current Topics in Behavioral Neurosciences</i> , 2015, 23, 87-101. | 1.7 | 14 |
| 137 | Molecular overexpression of extracellular superoxide dismutase increases the dependency of learning and memory performance on motivational state. <i>Behavior Genetics</i> , 2000, 30, 95-100. | 2.1 | 13 |
| 138 | Persisting neurobehavioral effects of developmental copper exposure in wildtype and metallothionein 1 and 2 knockout mice. <i>BMC Pharmacology & Toxicology</i> , 2016, 17, 55. | 2.4 | 13 |
| 139 | Persistent attenuation of nicotine self-administration in rats by co-administration of chronic nicotine infusion with the dopamine D1 receptor antagonist SCH-23390 or the serotonin 5-HT2C agonist lorcaserin. <i>Pharmacology Biochemistry and Behavior</i> , 2019, 176, 16-22. | 2.9 | 13 |
| 140 | Gestational and perinatal exposure to diazinon causes long-lasting neurobehavioral consequences in the rat. <i>Toxicology</i> , 2020, 429, 152327. | 4.2 | 13 |
| 141 | Hippocampal infusions of MARCKS peptides impair memory of rats on the radial-arm maze. <i>Brain Research</i> , 2010, 1308, 147-152. | 2.2 | 12 |
| 142 | D-cycloserine selectively decreases nicotine self-administration in rats with low baseline levels of response. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 98, 210-214. | 2.9 | 12 |
| 143 | Is There a Critical Period for the Developmental Neurotoxicity of Low-Level Tobacco Smoke Exposure?. <i>Toxicological Sciences</i> , 2017, 155, 75-84. | 3.1 | 12 |
| 144 | Neurobehavioral effects of 1,2-propanediol in zebrafish (<i>Danio rerio</i>). <i>NeuroToxicology</i> , 2018, 65, 111-124. | 3.0 | 12 |

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