

Rosemarie M Booze

List of Publications by Year in descending order

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144
papers

6,121
citations

81743

39
h-index

88477

70
g-index

154
all docs

154
docs citations

154
times ranked

4292
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Proteomic identification of oxidatively modified proteins in Alzheimer's disease brain. part I: creatine kinase BB, glutamine synthase, and ubiquitin carboxy-terminal hydrolase L-1. <i>Free Radical Biology and Medicine</i> , 2002, 33, 562-571. | 1.3 | 545 |
| 2 | Proteomic identification of oxidatively modified proteins in Alzheimer's disease brain. Part II: dihydropyrimidinase-related protein 2, α -enolase and heat shock cognate 71. <i>Journal of Neurochemistry</i> , 2002, 82, 1524-1532. | 2.1 | 528 |
| 3 | Molecular Basis for Interactions of HIV and Drugs of Abuse. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2002, 31, S62-S69. | 0.9 | 233 |
| 4 | Neurotoxicity and dysfunction of dopaminergic systems associated with AIDS dementia. <i>Journal of Psychopharmacology</i> , 2000, 14, 222-227. | 2.0 | 203 |
| 5 | Neurotoxicity of HIV-1 proteins gp120 and Tat in the rat striatum. <i>Brain Research</i> , 2000, 879, 42-49. | 1.1 | 191 |
| 6 | Excision of HIV-1 DNA by gene editing: a proof-of-concept in vivo study. <i>Gene Therapy</i> , 2016, 23, 690-695. | 2.3 | 167 |
| 7 | Neurotoxic profiles of HIV, psychostimulant drugs of abuse, and their concerted effect on the brain: Current status of dopamine system vulnerability in NeuroAIDS. <i>Neuroscience and Biobehavioral Reviews</i> , 2008, 32, 883-909. | 2.9 | 127 |
| 8 | Cocaine-mediated enhancement of Tat toxicity in rat hippocampal cell cultures: The role of oxidative stress and D1 dopamine receptor. <i>NeuroToxicology</i> , 2006, 27, 217-228. | 1.4 | 118 |
| 9 | Estrogen protects against the synergistic toxicity by HIV proteins, methamphetamine and cocaine. <i>BMC Neuroscience</i> , 2001, 2, 3. | 0.8 | 110 |
| 10 | Oxidative damage induced by the injection of HIV-1 Tat protein in the rat striatum. <i>Neuroscience Letters</i> , 2001, 305, 5-8. | 1.0 | 108 |
| 11 | Temporal relationships between HIV-1 Tat-induced neuronal degeneration, OX-42 immunoreactivity, reactive astrocytosis, and protein oxidation in the rat striatum. <i>Brain Research</i> , 2003, 987, 1-9. | 1.1 | 95 |
| 12 | Estrogen attenuates gp120- and tat1-72-induced oxidative stress and prevents loss of dopamine transporter function. <i>Synapse</i> , 2006, 59, 51-60. | 0.6 | 94 |
| 13 | Automation of the novel object recognition task for use in adolescent rats. <i>Journal of Neuroscience Methods</i> , 2007, 166, 99-103. | 1.3 | 94 |
| 14 | HIV-1 Tat Protein-Induced Rapid and Reversible Decrease in [3H]Dopamine Uptake: Dissociation of [3H]Dopamine Uptake and [3H]2 β -Carbomethoxy-3- β -(4-fluorophenyl)tropane (WIN 35,428) Binding in Rat Striatal Synaptosomes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 329, 1071-1083. | 1.3 | 84 |
| 15 | Expression of insulin-like growth factor-1 (IGF-1) and IGF-binding protein 2 (IGF-BP2) in the hippocampus following cytotoxic lesion of the dentate gyrus. <i>Journal of Comparative Neurology</i> , 1996, 369, 388-404. | 0.9 | 80 |
| 16 | Up-regulation of α 1D Ca ²⁺ channel subunit mRNA expression in the hippocampus of aged F344 rats. <i>Neurobiology of Aging</i> , 1998, 19, 581-587. | 1.5 | 70 |
| 17 | Neurobehavioral alterations in HIV-1 transgenic rats: Evidence for dopaminergic dysfunction. <i>Experimental Neurology</i> , 2013, 239, 139-147. | 2.0 | 69 |
| 18 | Cell Culture Models of Oxidative Stress and Injury in the Central Nervous System. <i>Current Neurovascular Research</i> , 2005, 2, 73-89. | 0.4 | 67 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Sex differences and repeated intravenous nicotine: behavioral sensitization and dopamine receptors. <i>Pharmacology Biochemistry and Behavior</i> , 2004, 78, 581-592. | 1.3 | 65 |
| 20 | Chronic intravenous model for studies of drug (ab)use in the pregnant and/or group-housed rat: An initial study with cocaine. <i>Neurotoxicology and Teratology</i> , 1994, 16, 183-191. | 1.2 | 64 |
| 21 | HIV-1 Tat neurotoxicity in primary cultures of rat midbrain fetal neurons: Changes in dopamine transporter binding and immunoreactivity. <i>Neuroscience Letters</i> , 2006, 395, 235-239. | 1.0 | 64 |
| 22 | Estrogen regulates neprilysin activity in rat brain. <i>Neuroscience Letters</i> , 2004, 367, 85-87. | 1.0 | 62 |
| 23 | Tissue-specific Expression of Rat Neutral Endopeptidase (Neprilysin) mRNAs. <i>Journal of Biological Chemistry</i> , 1995, 270, 5723-5728. | 1.6 | 60 |
| 24 | HIV-1 Transgenic Female Rat: Synaptodendritic Alterations of Medium Spiny Neurons in the Nucleus Accumbens. <i>Journal of NeuroImmune Pharmacology</i> , 2014, 9, 642-653. | 2.1 | 57 |
| 25 | HIV-1 protein-mediated amyloidogenesis in rat hippocampal cell cultures. <i>Neuroscience Letters</i> , 2010, 475, 174-178. | 1.0 | 54 |
| 26 | Cocaine exposure in vitro induces apoptosis in fetal locus coeruleus neurons by altering the Bax/Bcl-2 ratio and through caspase-3 apoptotic signaling. <i>Neuroscience</i> , 2007, 144, 509-521. | 1.1 | 52 |
| 27 | Time and Time Again: Temporal Processing Demands Implicate Perceptual and Gating Deficits in the HIV-1 Transgenic Rat. <i>Journal of NeuroImmune Pharmacology</i> , 2013, 8, 988-997. | 2.1 | 52 |
| 28 | Recombinant human immunodeficiency virus-1 transactivator of transcription<sub>1&sup>86</sup> allosterically modulates dopamine transporter activity. <i>Synapse</i> , 2011, 65, 1251-1254. | 0.6 | 50 |
| 29 | Dopamine D2 and D3 receptors in the rat striatum and nucleus accumbens: Use of 7-OH-DPAT and [125I]-iodosulpride. <i>Synapse</i> , 1995, 19, 1-13. | 0.6 | 47 |
| 30 | L-type calcium channels in the hippocampus and cerebellum of Alzheimer's disease brain tissue. <i>Neurobiology of Aging</i> , 1999, 20, 597-603. | 1.5 | 47 |
| 31 | Mutation of Tyrosine 470 of Human Dopamine Transporter is Critical for HIV-1 Tat-Induced Inhibition of Dopamine Transport and Transporter Conformational Transitions. <i>Journal of NeuroImmune Pharmacology</i> , 2013, 8, 975-987. | 2.1 | 47 |
| 32 | Repeated intravenous cocaine administration: Locomotor activity and dopamine D2/D3 receptors. , 1996, 23, 152-163. | | 46 |
| 33 | HIV-1 Tat protein variants: Critical role for the cysteine region in synaptodendritic injury. <i>Experimental Neurology</i> , 2013, 248, 228-235. | 2.0 | 46 |
| 34 | Synaptodendritic recovery following HIV Tat exposure: Neurorestoration by phytoestrogens. <i>Journal of Neurochemistry</i> , 2014, 128, 140-151. | 2.1 | 46 |
| 35 | Enduring Effects of Prenatal Cocaine Exposure on Selective Attention and Reactivity to Errors: Evidence From an Animal Model. <i>Behavioral Neuroscience</i> , 2004, 118, 290-297. | 0.6 | 45 |
| 36 | The human immunodeficiency virus-1-associated protein, Tat1-86, impairs dopamine transporters and interacts with cocaine to reduce nerve terminal function: A no-net-flux microdialysis study. <i>Neuroscience</i> , 2009, 159, 1292-1299. | 1.1 | 45 |

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|----|---|-----|-----------|
| 37 | Adolescent HIV-1 Transgenic Rats: Evidence for Dopaminergic Alterations in Behavior and Neurochemistry Revealed by Methamphetamine Challenge. <i>Current HIV Research</i> , 2012, 10, 415-424. | 0.2 | 45 |
| 38 | Differential long-term neurotoxicity of HIV-1 proteins in the rat hippocampal formation: A design-based stereological study. <i>Hippocampus</i> , 2008, 18, 135-147. | 0.9 | 44 |
| 39 | Evolution of the HIV-1 transgenic rat: utility in assessing the progression of HIV-1-associated neurocognitive disorders. <i>Journal of NeuroVirology</i> , 2018, 24, 229-245. | 1.0 | 44 |
| 40 | Disruption of Timing: NeuroHIV Progression in the Post-cART Era. <i>Scientific Reports</i> , 2019, 9, 827. | 1.6 | 44 |
| 41 | Impaired sustained attention and altered reactivity to errors in an animal model of prenatal cocaine exposure. <i>Developmental Brain Research</i> , 2003, 147, 85-96. | 2.1 | 43 |
| 42 | Neurotoxicity of HIV-1 Tat protein: Involvement of D1 dopamine receptor. <i>NeuroToxicology</i> , 2007, 28, 1184-1190. | 1.4 | 43 |
| 43 | Enduring effects of prenatal cocaine exposure on attention and reaction to errors.. <i>Behavioral Neuroscience</i> , 2002, 116, 624-633. | 0.6 | 42 |
| 44 | Effect of environmental enrichment on methylphenidate-induced locomotion and dopamine transporter dynamics. <i>Behavioural Brain Research</i> , 2011, 219, 98-107. | 1.2 | 42 |
| 45 | Beta-adrenergic receptors in the hippocampal and retrohippocampal regions of rats and guinea pigs: Autoradiographic and immunohistochemical studies. <i>Synapse</i> , 1993, 13, 206-214. | 0.6 | 41 |
| 46 | Neonatal intrahippocampal injection of the HIV-1 proteins gp120 and Tat: Differential effects on behavior and the relationship to stereological hippocampal measures. <i>Brain Research</i> , 2008, 1232, 139-154. | 1.1 | 41 |
| 47 | Hyperdopaminergic tone in HIV-1 protein treated rats and cocaine sensitization. <i>Journal of Neurochemistry</i> , 2010, 115, 885-896. | 2.1 | 41 |
| 48 | Identification of D ₃ and 5-HT _{2A} Receptors in the Rat Striatum and Nucleus Accumbens Using (±)-[³ H]Propylamine, [3- ³ H]Propylamine, and Carbetapentane. <i>Journal of Neurochemistry</i> , 1995, 64, 700-710. | 4.0 | 40 |
| 49 | Gonadal steroids differentially modulate neurotoxicity of HIV and cocaine: testosterone and ICI 162,780 sensitive mechanism. <i>BMC Neuroscience</i> , 2005, 6, 40. | 0.8 | 40 |
| 50 | In vivo microdialysis in awake, freely moving rats demonstrates HIV-1 Tat-induced alterations in dopamine transmission. <i>Synapse</i> , 2009, 63, 181-185. | 0.6 | 39 |
| 51 | Modeling Deficits in Attention, Inhibition, and Flexibility in HAND. <i>Journal of NeuroImmune Pharmacology</i> , 2014, 9, 508-521. | 2.1 | 39 |
| 52 | HIV-1 proteins dysregulate motivational processes and dopamine circuitry. <i>Scientific Reports</i> , 2018, 8, 7869. | 1.6 | 37 |
| 53 | Neonatal Intrahippocampal Glycoprotein 120 Injection: The Role of Dopaminergic Alterations in Prepulse Inhibition in Adult Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 318, 1352-1358. | 1.3 | 36 |
| 54 | Intra-accumbal Tat ¹⁻⁷² alters acute and sensitized responses to cocaine. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 90, 723-729. | 1.3 | 36 |

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|----|---|-----|-----------|
| 55 | Dose-dependent long-term effects of Tat in the rat hippocampal formation: A design-based stereological study. <i>Hippocampus</i> , 2010, 20, 469-480. | 0.9 | 36 |
| 56 | Endogenous amyloidogenesis in long-term rat hippocampal cell cultures. <i>BMC Neuroscience</i> , 2011, 12, 38. | 0.8 | 34 |
| 57 | Delta opioid agonists attenuate TAT-induced oxidative stress in SK-N-SH cells. <i>NeuroToxicology</i> , 2006, 27, 101-107. | 1.4 | 33 |
| 58 | Neonatal hippocampal Tat injections: developmental effects on prepulse inhibition (PPI) of the auditory startle response. <i>International Journal of Developmental Neuroscience</i> , 2006, 24, 275-283. | 0.7 | 33 |
| 59 | Soy Isoflavones Genistein and Daidzein Exert Anti-Apoptotic Actions via a Selective ER-mediated Mechanism in Neurons following HIV-1 Tat ¹⁻⁸⁶ Exposure. <i>PLoS ONE</i> , 2012, 7, e37540. | 1.1 | 33 |
| 60 | Progression of temporal processing deficits in the HIV-1 transgenic rat. <i>Scientific Reports</i> , 2016, 6, 32831. | 1.6 | 32 |
| 61 | Attenuation of fos-like immunoreactivity induced by a single electroconvulsive shock in brains of aging mice. <i>Brain Research</i> , 1991, 567, 204-211. | 1.1 | 31 |
| 62 | HIV-1 Proteins, Tat and gp120, Target the Developing Dopamine System. <i>Current HIV Research</i> , 2015, 13, 21-42. | 0.2 | 31 |
| 63 | Acute and repeated intravenous cocaine-induced locomotor activity is altered as a function of sex and gonadectomy. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 82, 170-181. | 1.3 | 30 |
| 64 | Dopaminergic marker proteins in the substantia nigra of human immunodeficiency virus type 1-infected brains. <i>Journal of NeuroVirology</i> , 2006, 12, 140-145. | 1.0 | 30 |
| 65 | Intrahippocampal injections of Tat: Effects on prepulse inhibition of the auditory startle response in adult male rats. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 84, 189-196. | 1.3 | 30 |
| 66 | DSP-4 treatment produces abnormal tyrosine hydroxylase immunoreactive fibers in rat hippocampus. <i>Experimental Neurology</i> , 1988, 101, 75-86. | 2.0 | 29 |
| 67 | HIV-1 and cocaine disrupt dopamine reuptake and medium spiny neurons in female rat striatum. <i>PLoS ONE</i> , 2017, 12, e0188404. | 1.1 | 29 |
| 68 | Neuronal survival and resistance to HIV-1 Tat toxicity in the primary culture of rat fetal neurons. <i>Experimental Neurology</i> , 2009, 215, 253-263. | 2.0 | 28 |
| 69 | ³ D reconstruction of the cholinergic basal forebrain system in young and aged rats. <i>Neurobiology of Aging</i> , 1993, 14, 389-392. | 1.5 | 27 |
| 70 | Estrous Cyclicity and Behavioral Sensitization in Female Rats Following Repeated Intravenous Cocaine Administration. <i>Pharmacology Biochemistry and Behavior</i> , 1999, 64, 605-610. | 1.3 | 27 |
| 71 | Sex differences in nicotine levels following repeated intravenous injection in rats are attenuated by gonadectomy. <i>Pharmacology Biochemistry and Behavior</i> , 2007, 86, 32-36. | 1.3 | 25 |
| 72 | Sex Matters: Robust Sex Differences in Signal Detection in the HIV-1 Transgenic Rat. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 212. | 1.0 | 25 |

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|----|--|-----|-----------|
| 73 | Synaptic Connectivity in Medium Spiny Neurons of the Nucleus Accumbens: A Sex-Dependent Mechanism Underlying Apathy in the HIV-1 Transgenic Rat. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 285. | 1.0 | 25 |
| 74 | Selective monoaminergic and histaminergic circuit dysregulation following long-term HIV-1 protein exposure. <i>Journal of NeuroVirology</i> , 2019, 25, 540-550. | 1.0 | 25 |
| 75 | Calbindin-D28k Immunoreactivity within the Cholinergic and GABAergic Projection Neurons of the Basal Forebrain. <i>Experimental Neurology</i> , 1994, 130, 230-236. | 2.0 | 24 |
| 76 | Specificity of prenatal cocaine on inhibition of locus coeruleus neurite outgrowth. <i>Neuroscience</i> , 2006, 139, 899-907. | 1.1 | 24 |
| 77 | Frequency analysis of catecholamine axonal morphology in human brain. <i>Journal of the Neurological Sciences</i> , 1993, 119, 110-118. | 0.3 | 23 |
| 78 | Neonatal intrahippocampal gp120 injection: An examination early in development. <i>NeuroToxicology</i> , 2007, 28, 101-107. | 1.4 | 23 |
| 79 | Different effects of selective dopamine uptake inhibitors, GBR 12909 and WIN 35428, on HIV-1 Tat toxicity in rat fetal midbrain neurons. <i>NeuroToxicology</i> , 2008, 29, 971-977. | 1.4 | 23 |
| 80 | ER α mediates 17 β -estradiol attenuation of HIV-1 Tat-induced apoptotic signaling. <i>Synapse</i> , 2010, 64, 829-838. | 0.3 | 22 |
| 81 | D1/NMDA Receptors and Concurrent Methamphetamine+HIV-1 Tat Neurotoxicity. <i>Journal of NeuroImmune Pharmacology</i> , 2012, 7, 599-608. | 2.1 | 22 |
| 82 | The influence of route of administration on the acute cardiovascular effects of cocaine in conscious unrestrained pregnant rats. <i>Neurotoxicology and Teratology</i> , 2000, 22, 357-368. | 1.2 | 21 |
| 83 | Long-term retention of spatial navigation by preweanling rats. <i>Developmental Psychobiology</i> , 2002, 40, 68-77. | 0.9 | 21 |
| 84 | Evidence for developmental dopaminergic alterations in the human immunodeficiency virus-1 transgenic rat. <i>Journal of NeuroVirology</i> , 2010, 16, 168-173. | 1.0 | 21 |
| 85 | Environmental Enrichment Alters Nicotine-Mediated Locomotor Sensitization and Phosphorylation of DARPP-32 and CREB in Rat Prefrontal Cortex. <i>PLoS ONE</i> , 2012, 7, e44149. | 1.1 | 21 |
| 86 | Attenuated neurotoxicity of the transactivation-defective HIV-1 Tat protein in hippocampal cell cultures. <i>Experimental Neurology</i> , 2009, 219, 586-590. | 2.0 | 20 |
| 87 | Neonatal intrahippocampal HIV-1 protein Tat ⁸⁶ injection: neurobehavioral alterations in the absence of increased inflammatory cytokine activation. <i>International Journal of Developmental Neuroscience</i> , 2014, 38, 195-203. | 0.7 | 20 |
| 88 | HIV-1 Tat and cocaine mediated synaptopathy in cortical and midbrain neurons is prevented by the isoflavone Equol. <i>Frontiers in Microbiology</i> , 2015, 6, 894. | 1.5 | 20 |
| 89 | HIV Infection and Neurocognitive Disorders in the Context of Chronic Drug Abuse: Evidence for Divergent Findings Dependent upon Prior Drug History. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 715-728. | 2.1 | 20 |
| 90 | Temporal processing demands in the HIV-1 transgenic rat: Amodal gating and implications for diagnostics. <i>International Journal of Developmental Neuroscience</i> , 2017, 57, 12-20. | 0.7 | 19 |

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|-----|--|-----|-----------|
| 91 | Microglial HIV-1 Expression: Role in HIV-1 Associated Neurocognitive Disorders. <i>Viruses</i> , 2021, 13, 924. | 1.5 | 19 |
| 92 | Prenatal cocaine exposure does not alter working memory in adult rats. <i>Neurotoxicology and Teratology</i> , 2004, 26, 319-329. | 1.2 | 18 |
| 93 | Prenatal intravenous cocaine and the heart rate orienting response: a dose response study. <i>International Journal of Developmental Neuroscience</i> , 2004, 22, 285-296. | 0.7 | 18 |
| 94 | A Gap in Time: Extending our Knowledge of Temporal Processing Deficits in the HIV-1 Transgenic Rat. <i>Journal of NeuroImmune Pharmacology</i> , 2017, 12, 171-179. | 2.1 | 18 |
| 95 | Unraveling Individual Differences In The HIV-1 Transgenic Rat: Therapeutic Efficacy Of Methylphenidate. <i>Scientific Reports</i> , 2018, 8, 136. | 1.6 | 18 |
| 96 | HIV-Associated Apathy/Depression and Neurocognitive Impairments Reflect Persistent Dopamine Deficits. <i>Cells</i> , 2021, 10, 2158. | 1.8 | 18 |
| 97 | Prenatal cocaine alters dopamine and sigma receptor binding in nucleus accumbens and striatum in dams and adolescent offspring. <i>Neurotoxicology and Teratology</i> , 2006, 28, 173-180. | 1.2 | 17 |
| 98 | Neurorestoration of Sustained Attention in a Model of HIV-1 Associated Neurocognitive Disorders. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 169. | 1.0 | 17 |
| 99 | Distribution of Insulin-Like Growth Factor 1 (IGF-1) and 2 (IGF-2) Receptors in the Hippocampal Formation of Rats and Mice. <i>Advances in Experimental Medicine and Biology</i> , 1991, 293, 449-458. | 0.8 | 17 |
| 100 | Enduring effects of prenatal cocaine exposure on attention and reaction to errors. <i>Behavioral Neuroscience</i> , 2002, 116, 624-33. | 0.6 | 16 |
| 101 | Proximal versus distal cue utilization in preweanling spatial localization: the influence of cue number and location. <i>Physiology and Behavior</i> , 2003, 79, 157-165. | 1.0 | 15 |
| 102 | Prenatal cocaine exposure alters alpha2 receptor expression in adolescent rats. <i>BMC Neuroscience</i> , 2006, 7, 33. | 0.8 | 15 |
| 103 | Selective developmental alterations in The HIV-1 transgenic rat: Opportunities for diagnosis of pediatric HIV-1. <i>Journal of NeuroVirology</i> , 2017, 23, 87-98. | 1.0 | 15 |
| 104 | Diagnostic and prognostic biomarkers for HAND. <i>Journal of NeuroVirology</i> , 2019, 25, 686-701. | 1.0 | 15 |
| 105 | Cocaine induced inhibition of process outgrowth in locus coeruleus neurons: role of gestational exposure period and offspring sex. <i>International Journal of Developmental Neuroscience</i> , 2004, 22, 297-308. | 0.7 | 14 |
| 106 | Sex mediates dopamine and adrenergic receptor expression in adult rats exposed prenatally to cocaine. <i>International Journal of Developmental Neuroscience</i> , 2007, 25, 445-454. | 0.7 | 14 |
| 107 | Selective Estrogen Receptor $\hat{1}^2$ Agonists: a Therapeutic Approach for HIV-1 Associated Neurocognitive Disorders. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 264-279. | 2.1 | 14 |
| 108 | Persistence of sympathetic ingrowth fibers in aged rat hippocampus. <i>Neurobiology of Aging</i> , 1987, 8, 213-218. | 1.5 | 13 |

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|-----|--|-----|-----------|
| 109 | Sigma binding sites identified by [3H] DTG are elevated in aged Fischer-344 \times 1/2 Brown Norway (F1) rats. , 2000, 35, 311-313. | | 13 |
| 110 | Ballistic Labeling of Pyramidal Neurons in Brain Slices and in Primary Cell Culture. Journal of Visualized Experiments, 2020, , . | 0.2 | 13 |
| 111 | Dopamine D3 receptor density elevation in aged Fischer-344 \times Brown-Norway (F1) rats. European Journal of Pharmacology, 1996, 308, 283-285. | 1.7 | 12 |
| 112 | Effects of chronic adult dietary restriction on spatial learning in the aged F344 \times BN hybrid F1 rat. Physiology and Behavior, 2008, 93, 560-569. | 1.0 | 11 |
| 113 | S-Equal mitigates motivational deficits and dysregulation associated with HIV-1. Scientific Reports, 2021, 11, 11870. | 1.6 | 11 |
| 114 | Frequency analysis of catecholamine axonal morphology in human brain. Journal of the Neurological Sciences, 1993, 119, 99-109. | 0.3 | 10 |
| 115 | The ART of HIV therapies: dopaminergic deficits and future treatments for HIV pediatric encephalopathy. Expert Review of Anti-Infective Therapy, 2009, 7, 193-203. | 2.0 | 10 |
| 116 | Experimental design considerations: A determinant of acute neonatal toxicity. Teratology, 1985, 31, 187-191. | 1.8 | 9 |
| 117 | The role of sensory modality in prepulse inhibition: An ontogenetic study. Developmental Psychobiology, 2016, 58, 211-222. | 0.9 | 9 |
| 118 | Identification of Dopamine D1-Alpha Receptor Within Rodent Nucleus Accumbens by an Innovative RNA \times In Situ \times Detection Technology. Journal of Visualized Experiments, 2018, , . | 0.2 | 9 |
| 119 | Microanatomy in 21 day rat brains exposed prenatally to cocaine. International Journal of Developmental Neuroscience, 2006, 24, 335-341. | 0.7 | 8 |
| 120 | An Empirical Mediation Analysis of Mechanisms Underlying HIV-1-Associated Neurocognitive Disorders. Brain Research, 2019, 1724, 146436. | 1.1 | 8 |
| 121 | Posterior ventral tegmental area-nucleus accumbens shell circuitry modulates response to novelty. PLoS ONE, 2019, 14, e0213088. | 1.1 | 8 |
| 122 | Hippocampal sympathetic ingrowth in rats and guinea pigs: quantitative morphometry and topographical differences. Brain Research, 1986, 375, 251-258. | 1.1 | 7 |
| 123 | Home cage observations following acute and repeated IV cocaine in intact and gonadectomized rats. Neurotoxicology and Teratology, 2005, 27, 891-896. | 1.2 | 7 |
| 124 | Prenatal cocaine exposure alters progenitor cell markers in the subventricular zone of the adult rat brain. International Journal of Developmental Neuroscience, 2012, 30, 1-9. | 0.7 | 7 |
| 125 | S-EQUOL: a neuroprotective therapeutic for chronic neurocognitive impairments in pediatric HIV. Journal of NeuroVirology, 2020, 26, 704-718. | 1.0 | 7 |
| 126 | Prenatal IV Cocaine: Alterations in Auditory Information Processing. Frontiers in Psychiatry, 2011, 2, 38. | 1.3 | 6 |

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|-----|--|-----|-----------|
| 127 | Quantification of Filamentous Actin (F-actin) Puncta in Rat Cortical Neurons. <i>Journal of Visualized Experiments</i> , 2016, , e53697. | 0.2 | 6 |
| 128 | The Power of Interstimulus Interval for the Assessment of Temporal Processing in Rodents. <i>Journal of Visualized Experiments</i> , 2019, , . | 0.2 | 6 |
| 129 | A Rat Model of EcoHIV Brain Infection. <i>Journal of Visualized Experiments</i> , 2021, , . | 0.2 | 6 |
| 130 | Dose-dependent neurocognitive deficits following postnatal day 10 HIV-1 viral protein exposure: Relationship to hippocampal anatomy parameters. <i>International Journal of Developmental Neuroscience</i> , 2018, 65, 66-82. | 0.7 | 5 |
| 131 | Chronic SSRI treatment reverses HIV-1 protein-mediated synaptodendritic damage. <i>Journal of NeuroVirology</i> , 2021, 27, 403-421. | 1.0 | 5 |
| 132 | Neurodevelopmental Processes in the Prefrontal Cortex Derailed by Chronic HIV-1 Viral Protein Exposure. <i>Cells</i> , 2021, 10, 3037. | 1.8 | 5 |
| 133 | Tissue-specific Expression of Rat Neutral Endopeptidase mRNAs. <i>Annals of the New York Academy of Sciences</i> , 1996, 780, 145-155. | 1.8 | 4 |
| 134 | Upregulation of (+)-7-hydroxy-N,N-di-n-[3H]propyl-2-aminotetralin binding following intracerebroventricular administration of a nitric oxide generator. <i>Neurochemical Research</i> , 1997, 22, 163-170. | 1.6 | 3 |
| 135 | Testing environment shape differentially modulates baseline and nicotine-induced changes in behavior: Sex differences, hypoactivity, and behavioral sensitization. <i>Pharmacology Biochemistry and Behavior</i> , 2018, 165, 14-24. | 1.3 | 3 |
| 136 | [3H](+)-7-OH-DPAT and [3H]pramipexole binding in the striatum and nucleus accumbens of Sprague-Dawley and Fischer-344 rats. <i>Life Sciences</i> , 1998, 63, PL275-PL280. | 2.0 | 2 |
| 137 | Differential expression of neprilysin ?enkephalinase? mRNA transcripts in rat brain. <i>Neuroscience Research Communications</i> , 2000, 27, 45-55. | 0.2 | 2 |
| 138 | Expression of insulin-like growth factor-1 (IGF-1) and IGF-binding protein 2 (IGF-BP2) in the hippocampus following cytotoxic lesion of the dentate gyrus. , 1996, 369, 388. | | 2 |
| 139 | A Hydrophobic Tissue Clearing Method for Rat Brain Tissue. <i>Journal of Visualized Experiments</i> , 2020, , . | 0.2 | 2 |
| 140 | Intraneuronal β -Amyloid Accumulation: Aging HIV-1 Human and HIV-1 Transgenic Rat Brain. <i>Viruses</i> , 2022, 14, 1268. | 1.5 | 2 |
| 141 | Animal Models: Behavior and Pathology: Preclinical Assessment of the Putative Cognitive Deficits in HAND. <i>Springer Protocols</i> , 2014, , 541-565. | 0.1 | 1 |
| 142 | Synaptic dysfunction is associated with alterations in the initiation of goal-directed behaviors: Implications for HIV-1-associated apathy. <i>Experimental Neurology</i> , 2022, 357, 114174. | 2.0 | 1 |
| 143 | Developmental Aspects of Addiction. <i>International Journal of Developmental Neuroscience</i> , 2004, 22, 241-245. | 0.7 | 0 |
| 144 | Gender and parity: Potential sources of variance in ACTH-induced memory reactivation in weanling rats. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 1995, 23, 199-203. | 1.2 | 0 |