

# Rosemarie M Booze

## List of Publications by Citations

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139  
papers

5,100  
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37  
h-index

65  
g-index

154  
ext. papers

5,556  
ext. citations

3.9  
avg, IF

5.37  
L-index

#	Paper	IF	Citations
139	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> , <b>2002</b> , 33, 562-71	7.8	497
138	Proteomic identification of oxidatively modified proteins in Alzheimer's disease brain. Part II: dihydropyrimidinase-related protein 2, alpha-enolase and heat shock cognate 71. <i>Journal of Neurochemistry</i> , <b>2002</b> , 82, 1524-32	6	463
137	Molecular basis for interactions of HIV and drugs of abuse. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2002</b> , 31 Suppl 2, S62-9	3.1	190
136	Neurotoxicity and dysfunction of dopaminergic systems associated with AIDS dementia. <i>Journal of Psychopharmacology</i> , <b>2000</b> , 14, 222-7	4.6	168
135	Neurotoxicity of HIV-1 proteins gp120 and Tat in the rat striatum. <i>Brain Research</i> , <b>2000</b> , 879, 42-9	3.7	164
134	Excision of HIV-1 DNA by gene editing: a proof-of-concept in vivo study. <i>Gene Therapy</i> , <b>2016</b> , 23, 690-5	4	120
133	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> , <b>2008</b> , 32, 883-909	9	110
132	Cocaine-mediated enhancement of Tat toxicity in rat hippocampal cell cultures: the role of oxidative stress and D1 dopamine receptor. <i>NeuroToxicology</i> , <b>2006</b> , 27, 217-28	4.4	103
131	Oxidative damage induced by the injection of HIV-1 Tat protein in the rat striatum. <i>Neuroscience Letters</i> , <b>2001</b> , 305, 5-8	3.3	98
130	Estrogen protects against the synergistic toxicity by HIV proteins, methamphetamine and cocaine. <i>BMC Neuroscience</i> , <b>2001</b> , 2, 3	3.2	97
129	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> , <b>2003</b> , 987, 1-9	3.7	86
128	Estrogen attenuates gp120- and tat1-72-induced oxidative stress and prevents loss of dopamine transporter function. <i>Synapse</i> , <b>2006</b> , 59, 51-60	2.4	81
127	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> , <b>1996</b> , 369, 388-404	3.4	77
126	Automation of the novel object recognition task for use in adolescent rats. <i>Journal of Neuroscience Methods</i> , <b>2007</b> , 166, 99-103	3	71
125	HIV-1 Tat protein-induced rapid and reversible decrease in [3H]dopamine uptake: dissociation of [3H]dopamine uptake and [3H]2beta-carbomethoxy-3-beta-(4-fluorophenyl)tropane (WIN 35,428) binding in rat striatal synaptosomes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2009</b> , 328, 1071-83	4.7	68
124	Up-regulation of alpha1D Ca <sup>2+</sup> channel subunit mRNA expression in the hippocampus of aged F344 rats. <i>Neurobiology of Aging</i> , <b>1998</b> , 19, 581-7	5.6	63
123	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> , <b>1994</b> , 16, 183-91	3.9	60

122	Cell culture models of oxidative stress and injury in the central nervous system. <i>Current Neurovascular Research</i> , <b>2005</b> , 2, 73-89	1.8	59
121	Neurobehavioral alterations in HIV-1 transgenic rats: evidence for dopaminergic dysfunction. <i>Experimental Neurology</i> , <b>2013</b> , 239, 139-47	5.7	57
120	Sex differences and repeated intravenous nicotine: behavioral sensitization and dopamine receptors. <i>Pharmacology Biochemistry and Behavior</i> , <b>2004</b> , 78, 581-92	3.9	57
119	Tissue-specific expression of rat neutral endopeptidase (neprilysin) mRNAs. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 5723-8	5.4	55
118	HIV-1 Tat neurotoxicity in primary cultures of rat midbrain fetal neurons: changes in dopamine transporter binding and immunoreactivity. <i>Neuroscience Letters</i> , <b>2006</b> , 395, 235-9	3.3	52
117	Estrogen regulates neprilysin activity in rat brain. <i>Neuroscience Letters</i> , <b>2004</b> , 367, 85-7	3.3	52
116	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> , <b>2007</b> , 144, 509-21	3.9	50
115	HIV-1 protein-mediated amyloidogenesis in rat hippocampal cell cultures. <i>Neuroscience Letters</i> , <b>2010</b> , 475, 174-8	3.3	45
114	Repeated intravenous cocaine administration: locomotor activity and dopamine D2/D3 receptors. <i>Synapse</i> , <b>1996</b> , 23, 152-63	2.4	43
113	Adolescent HIV-1 transgenic rats: evidence for dopaminergic alterations in behavior and neurochemistry revealed by methamphetamine challenge. <i>Current HIV Research</i> , <b>2012</b> , 10, 415-24	1.3	42
112	Enduring effects of prenatal cocaine exposure on attention and reaction to errors.. <i>Behavioral Neuroscience</i> , <b>2002</b> , 116, 624-633	2.1	42
111	Dopamine D2 and D3 receptors in the rat striatum and nucleus accumbens: use of 7-OH-DPAT and [125I]-iodosulpride. <i>Synapse</i> , <b>1995</b> , 19, 1-13	2.4	42
110	Time and time again: temporal processing demands implicate perceptual and gating deficits in the HIV-1 transgenic rat. <i>Journal of NeuroImmune Pharmacology</i> , <b>2013</b> , 8, 988-97	6.9	41
109	Impaired sustained attention and altered reactivity to errors in an animal model of prenatal cocaine exposure. <i>Developmental Brain Research</i> , <b>2003</b> , 147, 85-96		41
108	Enduring effects of prenatal cocaine exposure on selective attention and reactivity to errors: evidence from an animal model. <i>Behavioral Neuroscience</i> , <b>2004</b> , 118, 290-7	2.1	41
107	Effect of environmental enrichment on methylphenidate-induced locomotion and dopamine transporter dynamics. <i>Behavioural Brain Research</i> , <b>2011</b> , 219, 98-107	3.4	40
106	Recombinant human immunodeficiency virus-1 transactivator of transcription1-86 allosterically modulates dopamine transporter activity. <i>Synapse</i> , <b>2011</b> , 65, 1251-4	2.4	39
105	HIV-1 Tat protein variants: critical role for the cysteine region in synaptodendritic injury. <i>Experimental Neurology</i> , <b>2013</b> , 248, 228-35	5.7	38

104	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> , <b>2009</b> , 159, 1292-9	3.9	38
103	Differential long-term neurotoxicity of HIV-1 proteins in the rat hippocampal formation: a design-based stereological study. <i>Hippocampus</i> , <b>2008</b> , 18, 135-47	3.5	38
102	HIV-1 transgenic female rat: synaptodendritic alterations of medium spiny neurons in the nucleus accumbens. <i>Journal of NeuroImmune Pharmacology</i> , <b>2014</b> , 9, 642-53	6.9	37
101	Neurotoxicity of HIV-1 Tat protein: involvement of D1 dopamine receptor. <i>NeuroToxicology</i> , <b>2007</b> , 28, 1184-90	4.4	37
100	L-type calcium channels in the hippocampus and cerebellum of Alzheimer's disease brain tissue. <i>Neurobiology of Aging</i> , <b>1999</b> , 20, 597-603	5.6	37
99	Beta-adrenergic receptors in the hippocampal and retrohippocampal regions of rats and guinea pigs: autoradiographic and immunohistochemical studies. <i>Synapse</i> , <b>1993</b> , 13, 206-14	2.4	37
98	Synaptodendritic recovery following HIV Tat exposure: neurorestoration by phytoestrogens. <i>Journal of Neurochemistry</i> , <b>2014</b> , 128, 140-51	6	36
97	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> , <b>2008</b> , 1232, 139-54	4.7	36
96	Identification of D3 and sigma receptors in the rat striatum and nucleus accumbens using (+/-)-7-hydroxy-N,N-di-n-[3H]propyl-2-aminotetralin and carbetapentane. <i>Journal of Neurochemistry</i> , <b>1995</b> , 64, 700-10	6	36
95	Gonadal steroids differentially modulate neurotoxicity of HIV and cocaine: testosterone and ICI 182,780 sensitive mechanism. <i>BMC Neuroscience</i> , <b>2005</b> , 6, 40	3.2	35
94	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> , <b>2013</b> , 8, 975-87	6.9	34
93	Hyperdopaminergic tone in HIV-1 protein treated rats and cocaine sensitization. <i>Journal of Neurochemistry</i> , <b>2010</b> , 115, 885-96	6	34
92	Neonatal intrahippocampal glycoprotein 120 injection: the role of dopaminergic alterations in prepulse inhibition in adult rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2006</b> , 318, 1352-8	4.7	33
91	In vivo microdialysis in awake, freely moving rats demonstrates HIV-1 Tat-induced alterations in dopamine transmission. <i>Synapse</i> , <b>2009</b> , 63, 181-5	2.4	32
90	Evolution of the HIV-1 transgenic rat: utility in assessing the progression of HIV-1-associated neurocognitive disorders. <i>Journal of NeuroVirology</i> , <b>2018</b> , 24, 229-245	3.9	31
89	Dose-dependent long-term effects of Tat in the rat hippocampal formation: a design-based stereological study. <i>Hippocampus</i> , <b>2010</b> , 20, 469-80	3.5	31
88	Intra-accumbal Tat1-72 alters acute and sensitized responses to cocaine. <i>Pharmacology Biochemistry and Behavior</i> , <b>2008</b> , 90, 723-9	3.9	30
87	Endogenous amyloidogenesis in long-term rat hippocampal cell cultures. <i>BMC Neuroscience</i> , <b>2011</b> , 12, 38	3.2	29

86	Neonatal hippocampal Tat injections: developmental effects on prepulse inhibition (PPI) of the auditory startle response. <i>International Journal of Developmental Neuroscience</i> , <b>2006</b> , 24, 275-83	2.7	29
85	Attenuation of Fos-like immunoreactivity induced by a single electroconvulsive shock in brains of aging mice. <i>Brain Research</i> , <b>1991</b> , 567, 204-11	3.7	29
84	Dopaminergic marker proteins in the substantia nigra of human immunodeficiency virus type 1-infected brains. <i>Journal of NeuroVirology</i> , <b>2006</b> , 12, 140-5	3.9	28
83	Modeling deficits in attention, inhibition, and flexibility in HAND. <i>Journal of NeuroImmune Pharmacology</i> , <b>2014</b> , 9, 508-21	6.9	27
82	Neuronal survival and resistance to HIV-1 Tat toxicity in the primary culture of rat fetal neurons. <i>Experimental Neurology</i> , <b>2009</b> , 215, 253-63	5.7	27
81	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> , <b>2012</b> , 7, e37540	3.7	27
80	Intrahippocampal injections of Tat: effects on prepulse inhibition of the auditory startle response in adult male rats. <i>Pharmacology Biochemistry and Behavior</i> , <b>2006</b> , 84, 189-96	3.9	27
79	3-D reconstruction of the cholinergic basal forebrain system in young and aged rats. <i>Neurobiology of Aging</i> , <b>1993</b> , 14, 389-92	5.6	26
78	Progression of temporal processing deficits in the HIV-1 transgenic rat. <i>Scientific Reports</i> , <b>2016</b> , 6, 328314.9	14.9	25
77	Delta opioid agonists attenuate TAT(1-72)-induced oxidative stress in SK-N-SH cells. <i>NeuroToxicology</i> , <b>2006</b> , 27, 101-7	4.4	25
76	DSP-4 treatment produces abnormal tyrosine hydroxylase immunoreactive fibers in rat hippocampus. <i>Experimental Neurology</i> , <b>1988</b> , 101, 75-86	5.7	25
75	Disruption of Timing: NeuroHIV Progression in the Post-cART Era. <i>Scientific Reports</i> , <b>2019</b> , 9, 827	4.9	23
74	Estrous cyclicity and behavioral sensitization in female rats following repeated intravenous cocaine administration. <i>Pharmacology Biochemistry and Behavior</i> , <b>1999</b> , 64, 605-10	3.9	23
73	Calbindin-D28k immunoreactivity within the cholinergic and GABAergic projection neurons of the basal forebrain. <i>Experimental Neurology</i> , <b>1994</b> , 130, 230-6	5.7	23
72	Acute and repeated intravenous cocaine-induced locomotor activity is altered as a function of sex and gonadectomy. <i>Pharmacology Biochemistry and Behavior</i> , <b>2005</b> , 82, 170-81	3.9	22
71	Sex Matters: Robust Sex Differences in Signal Detection in the HIV-1 Transgenic Rat. <i>Frontiers in Behavioral Neuroscience</i> , <b>2017</b> , 11, 212	3.5	21
70	Frequency analysis of catecholamine axonal morphology in human brain. II. Alzheimer's disease and hippocampal sympathetic ingrowth. <i>Journal of the Neurological Sciences</i> , <b>1993</b> , 119, 110-8	3.2	21
69	Evidence for developmental dopaminergic alterations in the human immunodeficiency virus-1 transgenic rat. <i>Journal of NeuroVirology</i> , <b>2010</b> , 16, 168-73	3.9	20

68	Specificity of prenatal cocaine on inhibition of locus coeruleus neurite outgrowth. <i>Neuroscience</i> , <b>2006</b> , 139, 899-907	3.9	20
67	Long-term retention of spatial navigation by preweanling rats. <i>Developmental Psychobiology</i> , <b>2002</b> , 40, 68-77	3	20
66	HIV-1 proteins, Tat and gp120, target the developing dopamine system. <i>Current HIV Research</i> , <b>2015</b> , 13, 21-42	1.3	19
65	Neonatal intrahippocampal HIV-1 protein Tat(1-86) injection: neurobehavioral alterations in the absence of increased inflammatory cytokine activation. <i>International Journal of Developmental Neuroscience</i> , <b>2014</b> , 38, 195-203	2.7	19
64	D1/NMDA receptors and concurrent methamphetamine+ HIV-1 Tat neurotoxicity. <i>Journal of NeuroImmune Pharmacology</i> , <b>2012</b> , 7, 599-608	6.9	19
63	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> , <b>2008</b> , 29, 971-7	4.4	19
62	Sex differences in nicotine levels following repeated intravenous injection in rats are attenuated by gonadectomy. <i>Pharmacology Biochemistry and Behavior</i> , <b>2007</b> , 86, 32-6	3.9	19
61	Neonatal intrahippocampal gp120 injection: an examination early in development. <i>NeuroToxicology</i> , <b>2007</b> , 28, 101-7	4.4	19
60	The influence of route of administration on the acute cardiovascular effects of cocaine in conscious unrestrained pregnant rats. <i>Neurotoxicology and Teratology</i> , <b>2000</b> , 22, 357-68	3.9	19
59	HIV-1 and cocaine disrupt dopamine reuptake and medium spiny neurons in female rat striatum. <i>PLoS ONE</i> , <b>2017</b> , 12, e0188404	3.7	19
58	HIV-1 proteins dysregulate motivational processes and dopamine circuitry. <i>Scientific Reports</i> , <b>2018</b> , 8, 7869	4.9	19
57	Environmental enrichment alters nicotine-mediated locomotor sensitization and phosphorylation of DARPP-32 and CREB in rat prefrontal cortex. <i>PLoS ONE</i> , <b>2012</b> , 7, e44149	3.7	18
56	Attenuated neurotoxicity of the transactivation-defective HIV-1 Tat protein in hippocampal cell cultures. <i>Experimental Neurology</i> , <b>2009</b> , 219, 586-90	5.7	18
55	ER $\alpha$ mediates 17 $\beta$ -estradiol attenuation of HIV-1 Tat-induced apoptotic signaling. <i>Synapse</i> , <b>2010</b> , 64, 829-38	2.4	18
54	Prenatal cocaine exposure does not alter working memory in adult rats. <i>Neurotoxicology and Teratology</i> , <b>2004</b> , 26, 319-29	3.9	18
53	A Gap in Time: Extending our Knowledge of Temporal Processing Deficits in the HIV-1 Transgenic Rat. <i>Journal of NeuroImmune Pharmacology</i> , <b>2017</b> , 12, 171-179	6.9	17
52	Prenatal cocaine alters dopamine and sigma receptor binding in nucleus accumbens and striatum in dams and adolescent offspring. <i>Neurotoxicology and Teratology</i> , <b>2006</b> , 28, 173-80	3.9	17
51	Prenatal intravenous cocaine and the heart rate-orienting response: a dose-response study. <i>International Journal of Developmental Neuroscience</i> , <b>2004</b> , 22, 285-96	2.7	17

50	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> , <b>1991</b> , 293, 449-58	3.6	16
49	Prenatal cocaine exposure alters alpha2 receptor expression in adolescent rats. <i>BMC Neuroscience</i> , <b>2006</b> , 7, 33	3.2	15
48	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> , <b>2018</b> , 12, 285	3.5	15
47	Temporal processing demands in the HIV-1 transgenic rat: Amodal gating and implications for diagnostics. <i>International Journal of Developmental Neuroscience</i> , <b>2017</b> , 57, 12-20	2.7	14
46	HIV-1 Tat and cocaine mediated synaptopathy in cortical and midbrain neurons is prevented by the isoflavone Equol. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 894	5.7	14
45	Unraveling Individual Differences In The HIV-1 Transgenic Rat: Therapeutic Efficacy Of Methylphenidate. <i>Scientific Reports</i> , <b>2018</b> , 8, 136	4.9	13
44	Sex mediates dopamine and adrenergic receptor expression in adult rats exposed prenatally to cocaine. <i>International Journal of Developmental Neuroscience</i> , <b>2007</b> , 25, 445-54	2.7	13
43	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> , <b>2004</b> , 22, 297-308	2.7	13
42	Persistence of sympathetic ingrowth fibers in aged rat hippocampus. <i>Neurobiology of Aging</i> , <b>1987</b> , 8, 213-8	5.6	13
41	Proximal versus distal cue utilization in preweanling spatial localization: the influence of cue number and location. <i>Physiology and Behavior</i> , <b>2003</b> , 79, 157-65	3.5	12
40	Selective developmental alterations in The HIV-1 transgenic rat: Opportunities for diagnosis of pediatric HIV-1. <i>Journal of NeuroVirology</i> , <b>2017</b> , 23, 87-98	3.9	11
39	Effects of chronic adult dietary restriction on spatial learning in the aged F344 x BN hybrid F1 rat. <i>Physiology and Behavior</i> , <b>2008</b> , 93, 560-9	3.5	11
38	Sigma binding sites identified by [(3)H] DTG are elevated in aged Fischer-344 x Brown Norway (F1) rats. <i>Synapse</i> , <b>2000</b> , 35, 311-3	2.4	10
37	Neurorestoration of Sustained Attention in a Model of HIV-1 Associated Neurocognitive Disorders. <i>Frontiers in Behavioral Neuroscience</i> , <b>2019</b> , 13, 169	3.5	9
36	Frequency analysis of catecholamine axonal morphology in human brain. I. Effects of postmortem delay interval. <i>Journal of the Neurological Sciences</i> , <b>1993</b> , 119, 99-109	3.2	9
35	Enduring effects of prenatal cocaine exposure on attention and reaction to errors. <i>Behavioral Neuroscience</i> , <b>2002</b> , 116, 624-33	2.1	9
34	Diagnostic and prognostic biomarkers for HAND. <i>Journal of NeuroVirology</i> , <b>2019</b> , 25, 686-701	3.9	9
33	Selective monoaminergic and histaminergic circuit dysregulation following long-term HIV-1 protein exposure. <i>Journal of NeuroVirology</i> , <b>2019</b> , 25, 540-550	3.9	8

32	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> , <b>2020</b> , 15, 715-728	6.9	8
31	The role of sensory modality in prepulse inhibition: An ontogenetic study. <i>Developmental Psychobiology</i> , <b>2016</b> , 58, 211-22	3	8
30	The ART of HIV therapies: dopaminergic deficits and future treatments for HIV pediatric encephalopathy. <i>Expert Review of Anti-Infective Therapy</i> , <b>2009</b> , 7, 193-203	5.5	8
29	Microanatomy in 21 day rat brains exposed prenatally to cocaine. <i>International Journal of Developmental Neuroscience</i> , <b>2006</b> , 24, 335-41	2.7	8
28	Dopamine D3 receptor density elevation in aged Fischer-344 x Brown-Norway (F1) rats. <i>European Journal of Pharmacology</i> , <b>1996</b> , 308, 283-5	5.3	8
27	Selective Estrogen Receptor $\alpha$ Agonists: a Therapeutic Approach for HIV-1 Associated Neurocognitive Disorders. <i>Journal of NeuroImmune Pharmacology</i> , <b>2020</b> , 15, 264-279	6.9	8
26	Experimental design considerations: a determinant of acute neonatal toxicity. <i>Teratology</i> , <b>1985</b> , 31, 187-91		7
25	Hippocampal sympathetic ingrowth in rats and guinea pigs: quantitative morphometry and topographical differences. <i>Brain Research</i> , <b>1986</b> , 375, 251-8	3.7	7
24	Quantification of Filamentous Actin (F-actin) Puncta in Rat Cortical Neurons. <i>Journal of Visualized Experiments</i> , <b>2016</b> , e53697	1.6	6
23	Prenatal cocaine exposure alters progenitor cell markers in the subventricular zone of the adult rat brain. <i>International Journal of Developmental Neuroscience</i> , <b>2012</b> , 30, 1-9	2.7	6
22	Prenatal IV Cocaine: Alterations in Auditory Information Processing. <i>Frontiers in Psychiatry</i> , <b>2011</b> , 2, 38	5	5
21	The Power of Interstimulus Interval for the Assessment of Temporal Processing in Rodents. <i>Journal of Visualized Experiments</i> , <b>2019</b> ,	1.6	4
20	Posterior ventral tegmental area-nucleus accumbens shell circuitry modulates response to novelty. <i>PLoS ONE</i> , <b>2019</b> , 14, e0213088	3.7	4
19	Identification of Dopamine D1-Alpha Receptor Within Rodent Nucleus Accumbens by an Innovative RNA In Situ Detection Technology. <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1.6	4
18	Home cage observations following acute and repeated IV cocaine in intact and gonadectomized rats. <i>Neurotoxicology and Teratology</i> , <b>2005</b> , 27, 891-6	3.9	4
17	Tissue-specific expression of rat neutral endopeptidase mRNAs. <i>Annals of the New York Academy of Sciences</i> , <b>1996</b> , 780, 145-55	6.5	4
16	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> , <b>2018</b> , 65, 66-82	2.7	4
15	An Empirical Mediation Analysis of Mechanisms Underlying HIV-1-Associated Neurocognitive Disorders. <i>Brain Research</i> , <b>2019</b> , 1724, 146436	3.7	3



14	Testing environment shape differentially modulates baseline and nicotine-induced changes in behavior: Sex differences, hypoactivity, and behavioral sensitization. <i>Pharmacology Biochemistry and Behavior</i> , <b>2018</b> , 165, 14-24	3.9	3
13	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> , <b>1997</b> , 22, 163-70	4.6	3
12	S-EQUOL: a neuroprotective therapeutic for chronic neurocognitive impairments in pediatric HIV. <i>Journal of NeuroVirology</i> , <b>2020</b> , 26, 704-718	3.9	3
11	[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> , <b>1998</b> , 63, PL275-80	6.8	2
10	Differential expression of neprilysin ßnekephalinase mRNA transcripts in rat brain. <i>Neuroscience Research Communications</i> , <b>2000</b> , 27, 45-55		2
9	S-Equol mitigates motivational deficits and dysregulation associated with HIV-1. <i>Scientific Reports</i> , <b>2021</b> , 11, 11870	4.9	2
8	HIV-Associated Apathy/Depression and Neurocognitive Impairments Reflect Persistent Dopamine Deficits. <i>Cells</i> , <b>2021</b> , 10,	7.9	2
7	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 <b>1996</b> , 369, 388		2
6	Ballistic Labeling of Pyramidal Neurons in Brain Slices and in Primary Cell Culture. <i>Journal of Visualized Experiments</i> , <b>2020</b> ,	1.6	1
5	A Hydrophobic Tissue Clearing Method for Rat Brain Tissue. <i>Journal of Visualized Experiments</i> , <b>2020</b> ,	1.6	1
4	Animal Models: Behavior and Pathology: Preclinical Assessment of the Putative Cognitive Deficits in HAND. <i>Springer Protocols</i> , <b>2014</b> , 541-565	0.3	1
3	Chronic SSRI treatment reverses HIV-1 protein-mediated synaptodendritic damage. <i>Journal of NeuroVirology</i> , <b>2021</b> , 27, 403-421	3.9	1
2	A Rat Model of EcoHIV Brain Infection. <i>Journal of Visualized Experiments</i> , <b>2021</b> ,	1.6	1
1	Gender and parity: Potential sources of variance in ACTH-induced memory reactivation in weanling rats. <i>Cognitive, Affective and Behavioral Neuroscience</i> , <b>1995</b> , 23, 199-203		