Jean-Lud Cadet

List of Publications by Year
in descending order

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Version: 2024-02-01

207 papers	11,364 citations	23567 58 h-index	36028 97 g-index
209 all docs	209 docs citations	209 times ranked	8002 citing authors

#	Article	IF	Citations
1	Methamphetamine toxicity and messengers of death. Brain Research Reviews, 2009, 60, 379-407.	9.0	519
2	Invited Review Free radicals and the pathobiology of brain dopamine systems. Neurochemistry International, 1998, 32, 117-131.	3.8	469
3	Dietary folate deficiency and elevated homocysteine levels endanger dopaminergic neurons in models of Parkinson's disease. Journal of Neurochemistry, 2002, 80, 101-110.	3.9	361
4	Frontal cortical tissue composition in abstinent cocaine abusers: a magnetic resonance imaging study. NeuroImage, 2003, 19, 1095-1102.	4.2	265
5	Speed kills: cellular and molecular bases of methamphetamineâ€induced nerve terminal degeneration and neuronal apoptosis. FASEB Journal, 2003, 17, 1775-1788.	0.5	265
6	Methamphetamine induces neuronal apoptosis via crossâ€talks between endoplasmic reticulum and mitochondriaâ€dependent death cascades. FASEB Journal, 2004, 18, 238-251.	0.5	255
7	Neurotoxicity of substituted amphetamines: Molecular and cellular mechanisms. Neurotoxicity Research, 2007, 11, 183-202.	2.7	252
8	Rapid Communication: Attenuation of Methamphetamineâ€Induced Neurotoxicity in Copper/Zinc Superoxide Dismutase Transgenic Mice. Journal of Neurochemistry, 1994, 62, 380-383.	3.9	241
9	Altered brain tissue composition in heavy marijuana users. Drug and Alcohol Dependence, 2005, 77, 23-30.	3.2	233
10	Calcineurin/NFAT-induced up-regulation of the Fas ligand/Fas death pathway is involved in methamphetamine-induced neuronal apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 868-873.	7.1	208
11	Molecular Bases of Methamphetamine-Induced Neurodegeneration. International Review of Neurobiology, 2009, 88, 101-119.	2.0	195
12	Methamphetamine causes widespread apoptosis in the mouse brain: evidence from using an improved TUNEL histochemical method. Molecular Brain Research, 2001, 93, 64-69.	2.3	185
13	Methylenedioxymethamphetamine (MDMA, Ecstasy) neurotoxicity: cellular and molecular mechanisms. Brain Research Reviews, 2003, 42, 155-168.	9.0	171
14	Vitamin E attenuates the toxic effects of intrastriatal injection of 6-hydroxydopamine (6-OHDA) in rats: Behavioral and biochemical evidence. Brain Research, 1989, 476, 10-15.	2.2	163
15	Neuropathology of substance use disorders. Acta Neuropathologica, 2014, 127, 91-107.	7.7	156
16	Methamphetamine causes differential regulation of proâ€death and antiâ€death Bclâ€2 genes in the mouse neocortex. FASEB Journal, 2001, 15, 1745-1752.	0.5	149
17	The Neuropsychiatry of Chronic Cocaine Abuse. Journal of Neuropsychiatry and Clinical Neurosciences, 1998, 10, 280-289.	1.8	148
18	Retrograde degeneration of nigrostriatal neurons induced by intrastriatal 6-hydroxydopamine injection in rats. Brain Research Bulletin, 1991, 26, 301-307.	3.0	136

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19	Sertraline slows disease progression and increases neurogenesis in N171-82Q mouse model of Huntington's disease. Neurobiology of Disease, 2008, 30, 312-322.	4.4	129
20	Methamphetamine-Induced Neurotoxicity Is Attenuated in Transgenic Mice with a Null Mutation for Interleukin-6. Molecular Pharmacology, 2000, 58, 1247-1256.	2.3	124
21	Possible Involvement of Free Radicals in Neuroleptic-Induced Movement Disorders Evidence from Treatment of Tardive Dyskinesia with Vitamin E. Annals of the New York Academy of Sciences, 1989, 570, 176-185.	3.8	123
22	Methamphetamine induces apoptosis in immortalized neural cells: Protection by the Proto-Oncogene, bcl-2. , 1997, 25, 176-184.		121
23	Methamphetamine-Induced Changes in Antioxidant Enzymes and Lipid Peroxidation in Copper/Zinc-Superoxide Dismutase Transgenic Mice. Annals of the New York Academy of Sciences, 1998, 844, 92-102.	3.8	120
24	Methamphetamine Self-Administration Is Associated with Persistent Biochemical Alterations in Striatal and Cortical Dopaminergic Terminals in the Rat. PLoS ONE, 2010, 5, e8790.	2.5	119
25	CREB phosphorylation regulates striatal transcriptional responses in the self-administration model of methamphetamine addiction in the rat. Neurobiology of Disease, 2013, 58, 132-143.	4.4	115
26	Methamphetamine-induced neuronal apoptosis involves the activation of multiple death pathways. Review. Neurotoxicity Research, 2005, 8, 199-206.	2.7	114
27	Methamphetamine induces apoptosis in an immortalized rat striatal cell line by activating the mitochondrial cell death pathway. Neuropharmacology, 2002, 42, 837-845.	4.1	113
28	Epigenetics of Stress, Addiction, and Resilience: Therapeutic Implications. Molecular Neurobiology, 2016, 53, 545-560.	4.0	113
29	Autoradiographic evidence for methamphetamine-induced striatal dopaminergic loss in mouse brain: attenuation in CuZn-superoxide dismutase transgenic mice. Brain Research, 1996, 714, 95-103.	2.2	112
30	Methamphetamine Causes Differential Alterations in Gene Expression and Patterns of Histone Acetylation/Hypoacetylation in the Rat Nucleus Accumbens. PLoS ONE, 2012, 7, e34236.	2.5	111
31	Methamphetamine Downregulates Striatal Glutamate Receptors via Diverse Epigenetic Mechanisms. Biological Psychiatry, 2014, 76, 47-56.	1.3	109
32	p53â€Knockout Mice Are Protected Against the Longâ€Term Effects of Methamphetamine on Dopaminergic Terminals and Cell Bodies. Journal of Neurochemistry, 1997, 69, 780-790.	3.9	108
33	Methamphetamine- and Trauma-Induced Brain Injuries: Comparative Cellular and Molecular Neurobiological Substrates. Biological Psychiatry, 2009, 66, 118-127.	1.3	105
34	Null Mutation of c-fos Causes Exacerbation of Methamphetamine-Induced Neurotoxicity. Journal of Neuroscience, 1999, 19, 10107-10115.	3.6	104
35	Epigenetic landscape of amphetamine and methamphetamine addiction in rodents. Epigenetics, 2015, 10, 574-580.	2.7	101
36	Temporal profiling of methamphetamine-induced changes in gene expression in the mouse brain: Evidence from cDNA array. Synapse, 2001, 41, 40-48.	1.2	99

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37	CuZn-superoxide dismutase (CuZnSOD) transgenic mice show resistance to the lethal effects of methylenedioxyamphetamine (MDA) and of methylenedioxymethamphetamine (MDMA). Brain Research, 1994, 655, 259-262.	2.2	92
38	Dopamine D1 Receptors, Regulation of Gene Expression in the Brain, and Neurodegeneration. CNS and Neurological Disorders - Drug Targets, 2010, 9, 526-538.	1.4	90
39	Neurotoxicity of methamphetamine: Main effects and mechanisms. Experimental Neurology, 2021, 344, 113795.	4.1	88
40	Neuropeptide Y Protects against Methamphetamine-Induced Neuronal Apoptosis in the Mouse Striatum. Journal of Neuroscience, 2005, 25, 5273-5279.	3.6	86
41	Methamphetamine-induced apoptosis is attenuated in the striata of copperâ€"zinc superoxide dismutase transgenic mice. Molecular Brain Research, 2000, 83, 121-124.	2.3	84
42	Methamphetamine-induced serotonin neurotoxicity is mediated by superoxide radicals. Brain Research, 1995, 677, 345-347.	2.2	79
43	Methamphetamine addiction: involvement of CREB and neuroinflammatory signaling pathways. Psychopharmacology, 2016, 233, 1945-1962.	3.1	79
44	Superoxide radicals mediate the biochemical effects of methylenedioxymethamphetamine (MDMA): Evidence from using CuZn-superoxide dismutase transgenic mice. Synapse, 1995, 21, 169-176.	1.2	78
45	Differential Reinforcing Effects of Cocaine and GBR-12909: Biochemical Evidence for Divergent Neuroadaptive Changes in the Mesolimbic Dopaminergic System. Journal of Neuroscience, 1996, 16, 7416-7427.	3.6	78
46	Involvement of Dopamine Receptors in Binge Methamphetamine-Induced Activation of Endoplasmic Reticulum and Mitochondrial Stress Pathways. PLoS ONE, 2011, 6, e28946.	2.5	78
47	Methamphetamine Induces Dopamine D1 Receptor-Dependent Endoplasmic Reticulum Stress-Related Molecular Events in the Rat Striatum. PLoS ONE, 2009, 4, e6092.	2.5	76
48	Effects of methamphetamine-induced neurotoxicity on the development of neural circuitry: a hypothesis. Brain Research Reviews, 2000, 34, 103-118.	9.0	75
49	Modafinil Abrogates Methamphetamine-Induced Neuroinflammation and Apoptotic Effects in the Mouse Striatum. PLoS ONE, 2012, 7, e46599.	2.5	73
50	Methamphetamine administration causes overexpression of nNOS in the mouse striatum. Brain Research, 1999, 851, 254-257.	2.2	70
51	Neuropsychological Consequences of Chronic Drug Use: Relevance to Treatment Approaches. Frontiers in Psychiatry, 2015, 6, 189.	2.6	69
52	Amphetamine induces apoptosis of medium spiny striatal projection neurons via the mitochondriaâ€dependent pathway. FASEB Journal, 2005, 19, 1-22.	0.5	67
53	Chronic Methamphetamine Effects on Brain Structure and Function in Rats. PLoS ONE, 2016, 11, e0155457.	2.5	66
54	Free Radical Mechanisms in the Central Nervous System: An Overview. International Journal of Neuroscience, 1988, 40, 13-18.	1.6	64

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55	Transcriptional and Epigenetic Substrates of Methamphetamine Addiction and Withdrawal: Evidence from a Long-Access Self-Administration Model in the Rat. Molecular Neurobiology, 2015, 51, 696-717.	4.0	64
56	Methamphetamine Causes Coordinate Regulation of Src, Cas, Crk, and the Jun N-Terminal Kinaseâ€"Jun Pathway. Molecular Pharmacology, 2002, 61, 1124-1131.	2.3	63
57	Long-term behavioral and biochemical effects of 6-hydroxydopamine injections in rat caudate-putamen. Brain Research Bulletin, 1991, 26, 707-713.	3.0	62
58	Methamphetamine Administration Causes Death of Dopaminergic Neurons in the Mouse Olfactory Bulb. Biological Psychiatry, 2007, 61, 1235-1243.	1.3	62
59	GluA3-deficiency in mice is associated with increased social and aggressive behavior and elevated dopamine in striatum. Behavioural Brain Research, 2012, 229, 265-272.	2.2	61
60	Role of oxidative stress in methamphetamine-induced dopaminergic toxicity mediated by protein kinase CÎ´. Behavioural Brain Research, 2012, 232, 98-113.	2.2	61
61	The intrastriatal 6-hydroxydopamine model of hemiparkinsonism: quantitative receptor autoradiographic evidence of correlation between circling behavior and presynaptic as well as postsynatic nigrostriatal markers in the rat. Brain Research, 1992, 595, 316-326.	2.2	57
62	Regional effects of 6-hydroxydopamine (6-OHDA) on free radical scavengers in rat brain. Brain Research, 1989, 504, 139-141.	2.2	56
63	Methamphetamine-induced increase in striatal NF-ÎºB DNA-binding activity is attenuated in superoxide dismutase transgenic mice. Molecular Brain Research, 1998, 60, 305-309.	2.3	56
64	Interactions of HIV and methamphetamine: Cellular and molecular mechanisms of toxicity potentiation. Neurotoxicity Research, 2007, 12, 181-204.	2.7	56
65	Modafinil improves methamphetamine-induced object recognition deficits and restores prefrontal cortex ERK signaling in mice. Neuropharmacology, 2014, 87, 188-197.	4.1	53
66	Stress, sex, and addiction. Behavioural Pharmacology, 2014, 25, 445-457.	1.7	52
67	Cellular and Molecular Neurobiology of Brain Preconditioning. Molecular Neurobiology, 2009, 39, 50-61.	4.0	51
68	Involvement of Oxygenâ€based Radicals in Methamphetamineâ€induced Neurotoxicity: Evidence from the Use of CuZnSOD Transgenic Mice^a. Annals of the New York Academy of Sciences, 1994, 738, 388-391.	3.8	50
69	A unifying theory of movement and madness: Involvement of free radicals in disorders of the isodendritic core of the brainstem. Medical Hypotheses, 1988, 27, 59-63.	1.5	49
70	Differential toxic effects of methamphetamine (METH) and methylenedioxymethamphetamine (MDMA) in multidrug-resistant (mdr1a) knockout mice. Brain Research, 1997, 769, 340-346.	2.2	49
71	Mice with Partial Deficiency of c-Jun Show Attenuation of Methamphetamine-Induced Neuronal Apoptosis. Molecular Pharmacology, 2002, 62, 993-1000.	2.3	49
72	Methamphetamine Preconditioning Alters Midbrain Transcriptional Responses to Methamphetamine-Induced Injury in the Rat Striatum. PLoS ONE, 2009, 4, e7812.	2.5	49

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73	Nitric Oxide Is a Mediator of Methamphetamine (METH)-Induced Neurotoxicity.. Annals of the New York Academy of Sciences, 1996, 801, 174-186.	3.8	48
74	Differential neurochemical consequences of an escalating dose-binge regimen followed by single-day multiple-dose methamphetamine challenges. Journal of Neurochemistry, 2008, 105, 1873-1885.	3.9	48
75	Chronic methamphetamine exposure suppresses the striatal expression of members of multiple families of immediate early genes (IEGs) in the rat: normalization by an acute methamphetamine injection. Psychopharmacology, 2011, 215, 353-365.	3.1	47
76	Environmental enrichment during adolescence regulates gene expression in the striatum of mice. Brain Research, 2008, 1222, 31-41.	2.2	46
77	Melatonin attenuates methamphetamine-induced toxic effects on dopamine and serotonin terminals in mouse brain. Synapse, 1998, 30, 150-155.	1.2	43
78	Amphetamine-induced toxicity in dopamine terminals in CD-1 and C57BL/6J mice: complex roles for oxygen-based species and temperature regulation. Neuroscience, 2001, 107, 265-274.	2.3	43
79	Mutant DISC1 affects methamphetamine-induced sensitization and conditioned place preference: a comorbidity model. Neuropharmacology, 2012, 62, 1242-1251.	4.1	43
80	Genome-wide profiling identifies a subset of methamphetamine (METH)-induced genes associated with METH-induced increased H4K5Ac binding in the rat striatum. BMC Genomics, 2013, 14, 545.	2.8	43
81	Quantitative in situ hybridization evidence for differential regulation of proenkephalin and dopamine D2 receptor mRNA levels in the rat striatum: effects of unilateral intrastriatal injections of 6-hydroxydopamine. Molecular Brain Research, 1992, 12, 59-67.	2.3	40
82	Drug-induced neurotoxicity in addiction medicine. Progress in Brain Research, 2016, 223, 19-41.	1.4	39
83	Repeated methamphetamine and modafinil induce differential cognitive effects and specific histone acetylation and DNA methylation profiles in the mouse medial prefrontal cortex. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 82, 1-11.	4.8	39
84	Molecular Adaptations in the Rat Dorsal Striatum and Hippocampus Following Abstinence-Induced Incubation of Drug Seeking After Escalated Oxycodone Self-Administration. Molecular Neurobiology, 2019, 56, 3603-3615.	4.0	39
85	Dual mechanism of Fas-induced cell death in neuroglioma cells: a role for reactive oxygen species. Molecular Brain Research, 1999, 72, 158-165.	2.3	38
86	Anti-NMDA receptor autoantibodies and associated neurobehavioral pathology in mice are dependent on age of first exposure to Toxoplasma gondii. Neurobiology of Disease, 2016, 91, 307-314.	4.4	38
87	Methamphetamine Induces TET1- and TET3-Dependent DNA Hydroxymethylation of Crh and Avp Genes in the Rat Nucleus Accumbens. Molecular Neurobiology, 2018, 55, 5154-5166.	4.0	38
88	Sex Differences in Escalated Methamphetamine Self-Administration and Altered Gene Expression Associated With Incubation of Methamphetamine Seeking. International Journal of Neuropsychopharmacology, 2019, 22, 710-723.	2.1	38
89	Neuropsychiatric effects of cocaine use disorders. Journal of the National Medical Association, 2005, 97, 1504-15.	0.8	38
90	Methamphetamine Preconditioning: Differential Protective Effects on Monoaminergic Systems in the Rat Brain. Neurotoxicity Research, 2009, 15, 252-259.	2.7	37

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91	Bcl-2 overexpression attenuates dopamine-induced apoptosis in an immortalized neural cell line by suppressing the production of reactive oxygen species. Synapse, 2000, 35, 228-233.	1.2	36
92	Differential effects of methamphetamine and SCH23390 on the expression of members of IEG families of transcription factors in the rat striatum. Brain Research, 2010, 1318, 1-10.	2.2	36
93	Distinct gene expression signatures in the striata of wild-type and heterozygous c-fos knockout mice following methamphetamine administration: Evidence from cDNA array analyses. Synapse, 2002, 44, 211-226.	1.2	35
94	Chronic Methamphetamine Administration Causes Differential Regulation of Transcription Factors in the Rat Midbrain. PLoS ONE, 2011, 6, e19179.	2.5	35
95	Enhanced Upregulation of CRH mRNA Expression in the Nucleus Accumbens of Male Rats after a Second Injection of Methamphetamine Given Thirty Days Later. PLoS ONE, 2014, 9, e84665.	2.5	35
96	Gene variants and educational attainment in cannabis use: mediating role of DNA methylation. Translational Psychiatry, 2018, 8, 23.	4.8	32
97	Escalated Oxycodone Self-Administration Causes Differential Striatal mRNA Expression of FGFs and IEGs Following Abstinence-Associated Incubation of Oxycodone Craving. Neuroscience, 2019, 415, 173-183.	2.3	32
98	Kainate-induced hippocampal DNA damage is attenuated in superoxide dismutase transgenic mice. Molecular Brain Research, 1997, 48, 145-148.	2.3	31
99	Superoxide radicals are mediators of the effects of methamphetamine on Zif268 (Egr-1, NGFI-A) in the brain: evidence from using CuZn superoxide dismutase transgenic mice. Molecular Brain Research, 1998, 58, 209-216.	2.3	31
100	Analysis of Ecstasy (MDMA)â€induced transcriptional responses in the rat cortex. FASEB Journal, 2002, 16, 1887-1894.	0.5	31
101	Compulsive methamphetamine taking under punishment is associated with greater cue-induced drug seeking in rats. Behavioural Brain Research, 2017, 326, 265-271.	2.2	31
102	Histological evidence supporting a role for the striatal neurokinin-1 receptor in methamphetamine-induced neurotoxicity in the mouse brain. Brain Research, 2004, 1007, 124-131.	2.2	30
103	Glial-neuronal ensembles: partners in drug addiction-associated synaptic plasticity. Frontiers in Pharmacology, 2014, 5, 204.	3.5	30
104	Comorbid Mood, Psychosis, and Marijuana Abuse Disorders: A Theoretical Review. Journal of Addictive Diseases, 2009, 28, 309-319.	1.3	29
105	Compulsive methamphetamine taking and abstinence in the presence of adverse consequences: Epigenetic and transcriptional consequences in the rat brain. Pharmacology Biochemistry and Behavior, 2019, 179, 98-108.	2.9	29
106	Ocular Manifestations of Crystal Methamphetamine Use. Neurotoxicity Research, 2009, 15, 187-191.	2.7	28
107	Methamphetamine blunts Ca²⁺currents and excitatory synaptic transmission through D1/5 receptor-mediated mechanisms in the mouse medial prefrontal cortex. Addiction Biology, 2016, 21, 589-602.	2.6	28
108	Regulation of microRNA-29c in the nucleus accumbens modulates methamphetamine -induced locomotor sensitization in mice. Neuropharmacology, 2019, 148, 160-168.	4.1	28

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109	Epigenetics of Methamphetamine-Induced Changes in Glutamate Function. Neuropsychopharmacology, 2013, 38, 248-249.	5.4	27
110	Differential effects of binge methamphetamine injections on the mRNA expression of histone deacetylases (HDACs) in the rat striatum. NeuroToxicology, 2014, 45, 178-184.	3.0	27
111	Sex differences in methamphetamine use disorder perused from pre-clinical and clinical studies: Potential therapeutic impacts. Neuroscience and Biobehavioral Reviews, 2022, 137, 104674.	6.1	27
112	Neonatal dopamine depletion induces changes in morphogenesis and gene expression in the developing cortex. Neurotoxicity Research, 2007, 11, 107-130.	2.7	26
113	Compulsive methamphetamine taking in the presence of punishment is associated with increased oxytocin expression in the nucleus accumbens of rats. Scientific Reports, 2017, 7, 8331.	3.3	26
114	The effects of single-dose injections of modafinil and methamphetamine on epigenetic and functional markers in the mouse medial prefrontal cortex: potential role of dopamine receptors. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 88, 222-234.	4.8	26
115	AP-1 DNA-binding activation by methamphetamine involves oxidative stress. , 1996, 24, 213-217.		25
116	Methamphetamine-Induced Dopamine-Independent Alterations in Striatal Gene Expression in the 6-Hydroxydopamine Hemiparkinsonian Rats. PLoS ONE, 2010, 5, e15643.	2.5	25
117	Methamphetamine Preconditioning Causes Differential Changes in Striatal Transcriptional Responses to Large Doses of the Drug. Dose-Response, 2011, 9, dose-response.1.	1.6	25
118	Direct interactions of methamphetamine with the nucleus. Molecular Brain Research, 2000, 80, 237-243.	2.3	24
119	The Primacy of Cognition in the Manifestations of Substance Use Disorders. Frontiers in Neurology, 2013, 4, 189.	2.4	24
120	A Single Prior Injection of Methamphetamine Enhances Methamphetamine Self-Administration (SA) and Blocks SA-Induced Changes in DNA Methylation and mRNA Expression of Potassium Channels in the Rat Nucleus Accumbens. Molecular Neurobiology, 2020, 57, 1459-1472.	4.0	24
121	Methamphetamine-induced serotonin neurotoxicity is attenuated in p53-knockout mice. Brain Research, 1997, 768, 345-348.	2.2	23
122	Increased expression of proenkephalin and prodynorphin mRNAs in the nucleus accumbens of compulsive methamphetamine taking rats. Scientific Reports, 2016, 6, 37002.	3.3	22
123	Escalated Oxycodone Self-Administration and Punishment: Differential Expression of Opioid Receptors and Immediate Early Genes in the Rat Dorsal Striatum and Prefrontal Cortex. Frontiers in Neuroscience, 2019, 13, 1392.	2.8	22
124	Psychostimulant use disorder emphasizing methamphetamine and the opioid -dopamine connection: Digging out of a hypodopaminergic ditch. Journal of the Neurological Sciences, 2021, 420, 117252.	0.6	22
125	Methamphetamine (METH) causes reactive gliosis in vitro: Attenuation by the ADP-ribosylation (ADPR) inhibitor, benzamide. Life Sciences, 1994, 55, PL51-PL54.	4.3	21
126	High Genetic Addiction Risk Score (GARS) in Chronically Prescribed Severe Chronic Opioid Probands Attending Multi-pain Clinics: an Open Clinical Pilot Trial. Molecular Neurobiology, 2021, 58, 3335-3346.	4.0	21

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127	[d-Ala2, d-Leu5]enkephalin blocks the methamphetamine-induced c-fos mRNA increase in mouse striatum. European Journal of Pharmacology, 1999, 366, R7-R8.	3.5	20
128	Delta opioid peptide [D-Ala2, D-Leu5]enkephalin causes a near complete blockade of the neuronal damage induced by a single high dose of methamphetamine: Examining the role of p53. Synapse, 2001, 39, 305-312.	1.2	20
129	Free radicals and neurodegeneration. Trends in Neurosciences, 1994, 17, 193-194.	8.6	19
130	cDNA array analysis of gene expression profiles in the striata of wildâ€type and Cu/Zn superoxide dismutase transgenic mice treated with neurotoxic doses of amphetamine. FASEB Journal, 2002, 16, 1379-1388.	0.5	19
131	l-Dopa induced dyskinesias in Parkinsonian mice: Disease severity or l-Dopa history. Brain Research, 2015, 1618, 261-269.	2.2	19
132	An Acute Methamphetamine Injection Downregulates the Expression of Several Histone Deacetylases (HDACs) in the Mouse Nucleus Accumbens: Potential Regulatory Role of HDAC2 Expression. Neurotoxicity Research, 2016, 30, 32-40.	2.7	19
133	Neurochemical and behavioral comparisons of contingent and non-contingent methamphetamine exposure following binge or yoked long-access self-administration paradigms. Psychopharmacology, 2020, 237, 1989-2005.	3.1	19
134	Sex- and Brain Region-specific Changes in Gene Expression in Male and Female Rats as Consequences of Methamphetamine Self-administration and Abstinence. Neuroscience, 2021, 452, 265-279.	2.3	19
135	Effects of toxic doses of methamphetamine (METH) on dopamine D1 receptors in the mouse brain. Brain Research, 1998, 786, 240-242.	2.2	18
136	Methamphetamine-induced increase in striatal p53 DNA-binding activity is attenuated in Cu,Zn-superoxide dismutase transgenic mice. Neuroscience Letters, 2002, 325, 191-194.	2.1	18
137	Psychostimulant-Induced Testicular Toxicity in Mice: Evidence of Cocaine and Caffeine Effects on the Local Dopaminergic System. PLoS ONE, 2015, 10, e0142713.	2.5	18
138	Significance of protein kinase C in the neuropsychotoxicity induced by methamphetamine-like psychostimulants. Neurochemistry International, 2019, 124, 162-170.	3.8	18
139	Genetic and Environmental Risk Factors for Cannabis Use: Preliminary Results for the Role of Parental Care Perception. Substance Use and Misuse, 2019, 54, 670-680.	1.4	18
140	Epigenetics of addiction. Neurochemistry International, 2021, 147, 105069.	3.8	18
141	Reversal by [d-Ala2,d-Leu5]enkephalin of the dopamine transporter loss caused by methamphetamine. European Journal of Pharmacology, 1999, 372, R5-R7.	3.5	17
142	Amphetamine causes dopamine depletion and cell death in the mouse olfactory bulb. European Journal of Pharmacology, 2008, 589, 94-97.	3.5	17
143	Methamphetamine treatment causes delayed decrease in novelty-induced locomotor activity in mice. Neuroscience Research, 2009, 65, 160-165.	1.9	17
144	Combined Effects of Simultaneous Exposure to Caffeine and Cocaine in the Mouse Striatum. Neurotoxicity Research, 2016, 29, 525-538.	2.7	17

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145	Chronic cocaine use as a neuropsychiatric syndrome: A model for debate. , 1996, 22, 28-34.		16
146	The combination of methamphetamine and of the HIV protein, Tat, induces death of the human neuroblastoma cell line, SH-SY5Y. Synapse, 2008, 62, 551-552.	1.2	16
147	CAMKII-conditional deletion of histone deacetylase 2 potentiates acute methamphetamine-induced expression of immediate early genes in the mouse nucleus accumbens. Scientific Reports, 2015, 5, 13396.	3.3	16
148	Putative COVID- 19 Induction of Reward Deficiency Syndrome (RDS) and Associated Behavioral Addictions with Potential Concomitant Dopamine Depletion: Is COVID-19 Social Distancing a Double Edged Sword?. Substance Use and Misuse, 2020, 55, 2438-2442.	1.4	16
149	Cannabis-Induced Hypodopaminergic Anhedonia and Cognitive Decline in Humans: Embracing Putative Induction of Dopamine Homeostasis. Frontiers in Psychiatry, 2021, 12, 623403.	2.6	16
150	DRD2 and DRD4 genes related to cognitive deficits in HIV-infected adults who abuse alcohol. Behavioral and Brain Functions, 2015, 11, 25.	3.3	15
151	Selective Activation of Striatal NGF-TrkA/p75NTR/MAPK Intracellular Signaling in Rats That Show Suppression of Methamphetamine Intake 30 Days following Drug Abstinence. International Journal of Neuropsychopharmacology, 2018, 21, 281-290.	2.1	15
152	Expression of immediate early genes in brain reward circuitries: Differential regulation by psychostimulant and opioid drugs. Neurochemistry International, 2019, 124, 10-18.	3.8	15
153	HDAC superfamily promoters acetylation is differentially regulated by modafinil and methamphetamine in the mouse medial prefrontal cortex. Addiction Biology, 2020, 25, e12737.	2.6	15
154	Reward Deficiency Syndrome (RDS) Surprisingly Is Evolutionary and Found Everywhere: Is It â€œBlowinâ€™ in the Windâ€?. Journal of Personalized Medicine, 2022, 12, 321.	2.5	15
155	Methamphetamine increases expression of the apoptotic c-myc and l-myc genes in the mouse brain. Molecular Brain Research, 2001, 90, 202-204.	2.3	14
156	Compulsive methamphetamine taking induces autophagic and apoptotic markers in the rat dorsal striatum. Archives of Toxicology, 2020, 94, 3515-3526.	4.2	14
157	Potassium Channels and Their Potential Roles in Substance Use Disorders. International Journal of Molecular Sciences, 2021, 22, 1249.	4.1	14
158	Methamphetamine-induced gene expression profiles in the striatum of male rat pups exposed to the drug in utero. Developmental Brain Research, 2003, 147, 153-162.	1.7	13
159	Autoradiographic distribution of [3H]neurotensin receptors in the brains of superoxide dismutase transgenic mice. Synapse, 1993, 14, 24-33.	1.2	12
160	Molecular neurotoxicological models of Parkinsonism: focus on genetic manipulation of mice. Parkinsonism and Related Disorders, 2001, 8, 85-90.	2.2	12
161	Differential Effects of Environment-Induced Changes in Body Temperature on Modafinilâ€™s Actions Against Methamphetamine-Induced Striatal Toxicity in Mice. Neurotoxicity Research, 2015, 27, 71-83.	2.7	12
162	Increased novelty-induced locomotion, sensitivity to amphetamine, and extracellular dopamine in striatum of Zdhhc15-deficient mice. Translational Psychiatry, 2021, 11, 65.	4.8	12

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163	Epigenetic Regulatory Dynamics in Models of Methamphetamine-Use Disorder. Genes, 2021, 12, 1614.	2.4	12
164	Reward Deficiency Syndrome (RDS): A Cytoarchitectural Common Neurobiological Trait of All Addictions. International Journal of Environmental Research and Public Health, 2021, 18, 11529.	2.6	12
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