Stefano Puglisi-Allegra

List of Publications by Year
in descending order

233 papers	11,257 citations	26610 56 h-index	43868 91 g-index
237 all docs	237 docs citations	237 times ranked	9356 citing authors

#	Article	IF	Citations
1	Reelin gene alleles and haplotypes as a factor predisposing to autistic disorder. Molecular Psychiatry, 2001, 6, 150-159.	4.1	314
2	Changes in brain dopamine and acetylcholine release during and following stress are independent of the pituitary-adrenocortical axis. Brain Research, 1991, 538, 111-117.	1.1	309
3	Dopamine neuronal loss contributes to memory and reward dysfunction in a model of Alzheimerâ€™s disease. Nature Communications, 2017, 8, 14727.	5.8	308
4	Stress, depression and the mesolimbic dopamine system. Psychopharmacology, 1996, 128, 331-342.	1.5	283
5	The mesoaccumbens dopamine in coping with stress. Neuroscience and Biobehavioral Reviews, 2012, 36, 79-89.	2.9	267
6	Repeated stressful experiences differently affect limbic dopamine release during and following stress. Brain Research, 1992, 577, 194-199.	1.1	247
7	Acute stress induces time-dependent responses in dopamine mesolimbic system. Brain Research, 1991, 554, 217-222.	1.1	206
8	Stress-induced enhancement of dopamine and acetylcholine release in limbic structures: role of corticosterone. European Journal of Pharmacology, 1989, 165, 337-338.	1.7	197
9	Altered calcium homeostasis in autism-spectrum disorders: evidence from biochemical and genetic studies of the mitochondrial aspartate/glutamate carrier AGC1. Molecular Psychiatry, 2010, 15, 38-52.	4.1	184
10	Norepinephrine in the Prefrontal Cortex Is Critical for Amphetamine-Induced Reward and Mesoaccumbens Dopamine Release. Journal of Neuroscience, 2003, 23, 1879-1885.	1.7	166
11	Prefrontal/accumbal catecholamine system determines motivational salience attribution to both reward- and aversion-related stimuli. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5181-5186.	3.3	165
12	PSYCHOPHARMACOLOGY OF DOPAMINE: THE CONTRIBUTION OF COMPARATIVE STUDIES IN INBRED STRAINS OF MICE. Progress in Neurobiology, 1997, 51, 637-661.	2.8	135
13	Clinical, Morphological, and Biochemical Correlates of Head Circumference in Autism. Biological Psychiatry, 2007, 62, 1038-1047.	0.7	131
14	Identifying Molecular Substrates in a Mouse Model of the Serotonin Transporter Ã— Environment Risk Factor for Anxiety and Depression. Biological Psychiatry, 2008, 63, 840-846.	0.7	130
15	Serotonin and stress coping. Behavioural Brain Research, 2015, 277, 58-67.	1.2	130
16	Mechanisms underlying the impairment of hippocampal long-term potentiation and memory in experimental Parkinsonâ€™s disease. Brain, 2012, 135, 1884-1899.	3.7	124
17	Activation of TRPV1 in the VTA Excites Dopaminergic Neurons and Increases Chemical- and Noxious-Induced Dopamine Release in the Nucleus Accumbens. Neuropsychopharmacology, 2005, 30, 864-870.	2.8	120
18	Stress promotes major changes in dopamine receptor densities within the mesoaccumbens and nigrostriatal systems. Neuroscience, 1998, 84, 193-200.	1.1	119

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19	D1 and D2 receptor antagonists differently affect cocaine-induced locomotor hyperactivity in the mouse. Psychopharmacology, 1991, 105, 335-339.	1.5	118
20	The Medial Prefrontal Cortex Determines the Accumbens Dopamine Response to Stress through the Opposing Influences of Norepinephrine and Dopamine. Cerebral Cortex, 2007, 17, 2796-2804.	1.6	117
21	Paraoxonase gene variants are associated with autism in North America, but not in Italy: possible regional specificity in geneâ€“environment interactions. Molecular Psychiatry, 2005, 10, 1006-1016.	4.1	115
22	Object recognition impairment in Fmr1 knockout mice is reversed by amphetamine: involvement of dopamine in the medial prefrontal cortex. Behavioural Pharmacology, 2004, 15, 433-442.	0.8	113
23	Prefrontal Cortical Norepinephrine Release Is Critical for Morphine-induced Reward, Reinstatement and Dopamine Release in the Nucleus Accumbens. Cerebral Cortex, 2005, 15, 1877-1886.	1.6	111
24	Dopamine Î²-Hydroxylase Knockout Mice have Alterations in Dopamine Signaling and are Hypersensitive to Cocaine. Neuropsychopharmacology, 2006, 31, 2221-2230.	2.8	111
25	Repeated stressful experiences differently affect the time-dependent responses of the mesolimbic dopamine system to the stressor. Brain Research, 1993, 601, 333-336.	1.1	110
26	Opposite responses of mesolimbic dopamine system to controllable and uncontrollable aversive experiences. Journal of Neuroscience, 1994, 14, 3333-3340.	1.7	108
27	The contribution of comparative studies in inbred strains of mice to the understanding of the hyperactive phenotype. Behavioural Brain Research, 2002, 130, 103-109.	1.2	106
28	Dramatic brain aminergic deficit in a genetic mouse model of phenylketonuria. NeuroReport, 2000, 11, 1361-1364.	0.6	100
29	Effects of immobilization stress on dopamine and its metabolites in different brain areas of the mouse: role of genotype and stress duration. Brain Research, 1988, 441, 153-160.	1.1	96
30	Increased vulnerability to psychosocial stress in heterozygous serotonin transporter knockout mice. DMM Disease Models and Mechanisms, 2010, 3, 459-470.	1.2	95
31	Association between the HOXA1 A218G polymorphism and increased head circumference in patients with autism. Biological Psychiatry, 2004, 55, 413-419.	0.7	94
32	Chronic cocaine alters limbic extracellular dopamine. Neurochemical basis for addiction. European Journal of Pharmacology, 1992, 212, 299-300.	1.7	91
33	Dopamine in the Medial Prefrontal Cortex Controls Genotype-Dependent Effects of Amphetamine on Mesoaccumbens Dopamine Release and Locomotion. Neuropsychopharmacology, 2004, 29, 72-80.	2.8	89
34	Principal pathogenetic components and biological endophenotypes in autism spectrum disorders. Autism Research, 2010, 3, 237-252.	2.1	85
35	Chronic stress enhances apomorphine-induced stereotyped behavior in mice: Involvement of endogenous opioids. Brain Research, 1984, 298, 138-140.	1.1	83
36	Post-training dopamine receptor agonists and antagonists affect memory storage in mice irrespective of their selectivity for D1 or D2 receptors. Behavioral and Neural Biology, 1991, 56, 283-291.	2.3	82

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37	Genetic susceptibility of mesocortical dopamine to stress determines liability to inhibition of mesoaccumbens dopamine and to behavioral â€˜despairâ€™ in a mouse model of depression. Neuroscience, 2002, 115, 999-1007.	1.1	82
38	Prefrontal Norepinephrine Determines Attribution of â€œHighâ€•Motivational Salience. PLoS ONE, 2008, 3, e3044.	1.1	80
39	Psychopharmacology of memory modulation: Evidence for multiple interaction among neurotransmitters and hormones. Behavioural Brain Research, 1996, 77, 1-21.	1.2	79
40	Genotype-dependent effects of chronic stress on apomorphine-induced alterations of striatal and mesolimbic dopamine metabolism. Brain Research, 1991, 542, 91-96.	1.1	77
41	Parallel strain-dependent effect of amphetamine on locomotor activity and dopamine release in the nucleus accumbens: an in vivo study in mice. Neuroscience, 1997, 82, 521-528.	1.1	77
42	Alpha-Synuclein Produces Early Behavioral Alterations via Striatal Cholinergic Synaptic Dysfunction by Interacting With GluN2D N -Methyl-D-Aspartate Receptor Subunit. Biological Psychiatry, 2016, 79, 402-414.	0.7	77
43	Involvement of the PRKCB1 gene in autistic disorder: significant genetic association and reduced neocortical gene expression. Molecular Psychiatry, 2009, 14, 705-718.	4.1	75
44	Social isolation: Effects on pain threshold and stress-induced analgesia. Pharmacology Biochemistry and Behavior, 1983, 19, 679-681.	1.3	73
45	Involvement of the GABAergic System on Shock-induced Aggressive Behavior in Two Strains of Mice. Pharmacology Biochemistry and Behavior, 1981, 14, 13-18.	1.3	72
46	Stress activation of limbic and cortical dopamine release is prevented by ICS 205-930 but not by diazepam. European Journal of Pharmacology, 1990, 175, 211-214.	1.7	71
47	Genotype- and experience-dependent susceptibility to depressive-like responses in the forced-swimming test. Psychopharmacology, 2002, 164, 138-143.	1.5	71
48	Unstable Maternal Environment, Separation Anxiety, and Heightened CO2 Sensitivity Induced by Gene-by-Environment Interplay. PLoS ONE, 2011, 6, e18637.	1.1	71
49	Susceptibility to amphetamine-induced place preference is predicted by locomotor response to novelty and amphetamine in the mouse. Psychopharmacology, 2004, 172, 264-270.	1.5	68
50	Î³-Aminobutyric acid in brain areas of isolated aggressive or non-aggressive inbred strains of mice. Pharmacology Biochemistry and Behavior, 1982, 16, 57-61.	1.3	64
51	Chronic stress induces strain-dependent sensitization to the behavioral effects of amphetamine in the mouse. Pharmacology Biochemistry and Behavior, 1992, 43, 53-60.	1.3	64
52	The role of dopaminergic midbrain in Alzheimerâ€™s disease: Translating basic science into clinical practice. Pharmacological Research, 2018, 130, 414-419.	3.1	64
53	Different effects of repeated stressful experiences on mesocortical and mesolimbic dopamine metabolism. Neuroscience, 1996, 73, 375-380.	1.1	63
54	Effects of acute and repeated exposure to stress on the hypothalamo-pituitary-adrenocortical activity in mice during postnatal development. Hormones and Behavior, 1992, 26, 474-485.	1.0	62

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55	Prefrontal/Amygdalar System Determines Stress Coping Behavior Through 5-HT/GABA Connection. Neuropsychopharmacology, 2013, 38, 2057-2067.	2.8	62
56	Motor learning and metaplasticity in striatal neurons: relevance for Parkinsonâ€™s disease. Brain, 2018, 141, 505-520.	3.7	62
57	Prepartal chronic stress increases anxiety and decreases aggression in lactating female mice.. Behavioral Neuroscience, 1991, 105, 663-668.	0.6	61
58	Behavioral and biochemical changes monitored in two inbred strains of mice during exploration of an unfamiliar environment. Physiology and Behavior, 1990, 47, 749-753.	1.0	59
59	Effects of defeat experiences on dopamine metabolism in different brain areas of the mouse. Aggressive Behavior, 1990, 16, 271-284.	1.5	58
60	A comparison of the behavioral effects of minaprine, amphetamine and stress. Psychopharmacology, 1995, 121, 73-80.	1.5	56
61	Deficits in brain serotonin synthesis in a genetic mouse model of phenylketonuria. NeuroReport, 2002, 13, 2561-2564.	0.6	56
62	Effects of lack of microRNA-34 on the neural circuitry underlying the stress response and anxiety. Neuropharmacology, 2016, 107, 305-316.	2.0	56
63	From Traumatic Childhood to Cocaine Abuse: The Critical Function of the Immune System. Biological Psychiatry, 2018, 84, 905-916.	0.7	56
64	Glymphatic System as a Gateway to Connect Neurodegeneration From Periphery to CNS. Frontiers in Neuroscience, 2021, 15, 639140.	1.4	56
65	Opiate analgesia: Evidence for circadian rhythms in mice. Brain Research, 1982, 249, 265-270.	1.1	55
66	Psychobiology of Opioids. International Review of Neurobiology, 1984, 25, 277-337.	0.9	55
67	P-cresol Alters Brain Dopamine Metabolism and Exacerbates Autism-Like Behaviors in the BTBR Mouse. Brain Sciences, 2020, 10, 233.	1.1	55
68	Effects of postnatal stress on dopamine mesolimbic system responses to aversive experiences in adult life. Brain Research, 1993, 604, 232-239.	1.1	54
69	Adenosine deaminase alleles and autistic disorder: Case-control and family-based association studies. American Journal of Medical Genetics Part A, 2000, 96, 784-790.	2.4	54
70	Serotonin Depletion and Barrel Cortex Development: Impact of Growth Impairment vs. Serotonin Effects on Thalamocortical Endings. Cerebral Cortex, 2000, 10, 181-191.	1.6	53
71	Opposite imbalances between mesocortical and mesoaccumbens dopamine responses to stress by the same genotype depending on living conditions. Behavioural Brain Research, 2002, 129, 179-185.	1.2	53
72	Effects of sodium n-dipropylacetate, muscimol hydrobromide and (R,S) nipecotic acid amide on isolation-induced aggressive behavior in mice. Psychopharmacology, 1980, 70, 287-290.	1.5	51

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73	Case-control and family-based association studies of candidate genes in autistic disorder and its endophenotypes: TPH2 and GLO1. BMC Medical Genetics, 2007, 8, 11.	2.1	51
74	Morphine and memory in DBA/2 mice: Effects of stress and of prior experience. Behavioural Brain Research, 1984, 11, 3-10.	1.2	48
75	Different effects of acute and chronic stress on two dopamine-mediated behaviors in the mouse. Physiology and Behavior, 1988, 43, 223-227.	1.0	48
76	Serotonin transporter gene promoter variants do not explain the hyperserotoninemia in autistic children. Molecular Psychiatry, 2002, 7, 795-800.	4.1	48
77	Pharmacological evidence for a role of D2 dopamine receptors in the defensive behavior of the mouse. Behavioral and Neural Biology, 1988, 50, 98-111.	2.3	47
78	miR-34b/c Regulates Wnt1 and Enhances Mesencephalic Dopaminergic Neuron Differentiation. Stem Cell Reports, 2018, 10, 1237-1250.	2.3	47
79	Different effects of apomorphine on climbing behavior and locomotor activity in three strains of mice. Pharmacology Biochemistry and Behavior, 1985, 23, 555-557.	1.3	46
80	Role of genotype in the adaptation of the brain dopamine system to stress. Neuroscience and Biobehavioral Reviews, 1990, 14, 523-528.	2.9	46
81	Opposite strain-dependent effects of post-training corticosterone in a passive avoidance task in mice: role of dopamine. Brain Research, 1996, 729, 110-118.	1.1	46
82	Nilotinib restores memory function by preventing dopaminergic neuron degeneration in a mouse model of Alzheimerâ€™s Disease. Progress in Neurobiology, 2021, 202, 102031.	2.8	46
83	Strain-dependent effects of post-training GABA receptor agonists and antagonists on memory storage in mice. Psychopharmacology, 1993, 111, 134-138.	1.5	45
84	The effects of morphine on memory consolidation in mice involve both D1 and D2 dopamine receptors. Behavioral and Neural Biology, 1994, 61, 156-161.	2.3	45
85	The behavioral profile of severe mental retardation in a genetic mouse model of phenylketonuria. Behavior Genetics, 2003, 33, 301-310.	1.4	45
86	Family-based association study of ITGB3 in autism spectrum disorder and its endophenotypes. European Journal of Human Genetics, 2011, 19, 353-359.	1.4	45
87	Comparative immunohistochemical study of the dopaminergic systems in two inbred mouse strains (C57BL/6J and DBA/2J). Journal of Chemical Neuroanatomy, 2007, 33, 67-74.	1.0	44
88	The three principles of action: a Pavlovian-instrumental transfer hypothesis. Frontiers in Behavioral Neuroscience, 2013, 7, 153.	1.0	44
89	Adversity in childhood and depression: linked through SIRT1. Translational Psychiatry, 2015, 5, e629-e629.	2.4	44
90	Effects of corticotropin releasing factor and sauvagine on social behavior of isolated mice. Peptides, 1987, 8, 935-938.	1.2	43

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91	Age-dependent changes of brain GABA levels, turnover rates and shock-induced aggressive behavior in inbred strains of mice. Pharmacology Biochemistry and Behavior, 1987, 26, 83-88.	1.3	43
92	The effects of anandamide on memory consolidation in mice involve both D1and D2 dopamine receptors. Behavioural Pharmacology, 1997, 8, 707-712.	0.8	43
93	Strain-dependent modulation of memory by stress in mice. Behavioral and Neural Biology, 1983, 38, 133-138.	2.3	42
94	Prefrontal/accumbal catecholamine system processes high motivational salience. Frontiers in Behavioral Neuroscience, 2012, 6, 31.	1.0	42
95	A genetic analysis of stereotypy in the mouse: Dopaminergic plasticity following chronic stress. Behavioral and Neural Biology, 1985, 44, 239-248.	2.3	41
96	Dose-dependent aversive and rewarding effects of amphetamine as revealed by a new place conditioning apparatus. Psychopharmacology, 1996, 125, 92-96.	1.5	41
97	Opposite genotype-dependent mesocorticolimbic dopamine response to stress. Neuroscience, 2001, 104, 627-631.	1.1	40
98	<i>PINK1</i> heterozygous mutations induce subtle alterations in dopamineâ€dependent synaptic plasticity. Movement Disorders, 2014, 29, 41-53.	2.2	40
99	Influence of early life events on immune reactivity in adult mice. Developmental Psychobiology, 1994, 27, 205-213.	0.9	39
100	Serotonin levels and turnover in different brain areas of isolated aggressive or non-aggressive strains of mice. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 1984, 8, 365-371.	2.5	38
101	Intermittent thetaâ€burst stimulation rescues dopamineâ€dependent corticostriatal synaptic plasticity and motor behavior in experimental parkinsonism: Possible role of glial activity. Movement Disorders, 2017, 32, 1035-1046.	2.2	38
102	Locus Coeruleus and neurovascular unit: From its role in physiology to its potential role in Alzheimerâ€™s disease pathogenesis. Journal of Neuroscience Research, 2020, 98, 2406-2434.	1.3	38
103	Anticonvulsant effects of stress: role of endogenous opioids. Brain Research, 1983, 271, 193-195.	1.1	37
104	Pain reactivity in children with autistic disorder. Journal of Headache and Pain, 2000, 1, 53-56.	2.5	37
105	Behavioral and mesocorticolimbic dopamine responses to non aggressive social interactions depend on previous social experiences and on the opponentâ€™s sex. Behavioural Brain Research, 2000, 112, 13-22.	1.2	37
106	Food seeking in spite of harmful consequences is under prefrontal cortical noradrenergic control. BMC Neuroscience, 2010, 11, 15.	0.8	37
107	Animal Models of Compulsive Eating Behavior. Nutrients, 2014, 6, 4591-4609.	1.7	37
108	Effects of naloxone and naltrexone on locomotor activity in C57BL/6 and DBA/2 mice. Pharmacology Biochemistry and Behavior, 1982, 16, 561-563.	1.3	36

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109	Neuregulin 1 signalling modulates mGluR1 function in mesencephalic dopaminergic neurons. Molecular Psychiatry, 2015, 20, 959-973.	4.1	36
110	Therapeutic brain modulation with targeted large neutral amino acid supplements in the Pah-enu2 phenylketonuria mouse model. American Journal of Clinical Nutrition, 2016, 104, 1292-1300.	2.2	35
111	Brain dopamine receptor plasticity: testing a diathesis-stress hypothesis in an animal model. Psychopharmacology, 1997, 132, 153-160.	1.5	34
112	Reduced availability of brain amines during critical phases of postnatal development in a genetic mouse model of cognitive delay. Brain Research, 2008, 1217, 232-238.	1.1	34
113	5-Hydroxytryptophan during critical postnatal period improves cognitive performances and promotes dendritic spine maturation in genetic mouse model of phenylketonuria. International Journal of Neuropsychopharmacology, 2011, 14, 479-489.	1.0	33
114	GABA content within the ventromedial prefrontal cortex is related to trait anxiety. Social Cognitive and Affective Neuroscience, 2016, 11, 758-766.	1.5	33
115	Genetic differences in daily rhythms of pain sensivity in mice. Pharmacology Biochemistry and Behavior, 1985, 23, 91-92.	1.3	32
116	Chronic cocaine enhances defensive behaviour in the laboratory mouse: involvement of D2 dopamine receptors. Psychopharmacology, 1988, 96, 437-441.	1.5	32
117	Combined Fluoxetine and Metformin Treatment Potentiates Antidepressant Efficacy Increasing IGF2 Expression in the Dorsal Hippocampus. Neural Plasticity, 2019, 2019, 1-12.	1.0	32
118	Circadian variations in stress-induced analgesia. Brain Research, 1982, 252, 373-376.	1.1	31
119	Psychopharmacogenetics of opioids. Trends in Pharmacological Sciences, 1983, 4, 350-352.	4.0	31
120	Strain-dependent effects of post-training dopamine receptor agonists and antagonists on memory storage in mice. Behavioral and Neural Biology, 1992, 58, 58-63.	2.3	31
121	Strain-dependent effects of dopamine agonists on acetylcholine release in the hippocampus: An in vivo study in mice. Neuroscience, 1996, 70, 653-660.	1.1	31
122	Prefrontal/accumbal catecholamine system processes emotionally driven attribution of motivational salience. Reviews in the Neurosciences, 2012, 23, 509-26.	1.4	31
123	A classical genetic analysis of two apomorphine-induced behaviors in the mouse. Pharmacology Biochemistry and Behavior, 1988, 30, 143-147.	1.3	30
124	Effects of n-di-propylacetate on aggressive behavior and brain GABA level in isolated mice. Pharmacology Biochemistry and Behavior, 1983, 18, 717-720.	1.3	29
125	The D2 dopamine receptor agonist LY171555 induces catalepsy in the mouse. Pharmacology Biochemistry and Behavior, 1988, 30, 765-768.	1.3	29
126	Enhanced APOE2 transmission rates in families with autistic probands. Psychiatric Genetics, 2004, 14, 73-82.	0.6	29

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127	5-Hydroxytryptophan rescues serotonin response to stress in prefrontal cortex of hyperphenylalaninaemic mice. International Journal of Neuropsychopharmacology, 2009, 12, 1067.	1.0	29
128	Valence, familiarity and arousal of different foods in relation to age, sex and weight. Food Quality and Preference, 2017, 57, 104-113.	2.3	29
129	Translational evidence for lithium-induced brain plasticity and neuroprotection in the treatment of neuropsychiatric disorders. Translational Psychiatry, 2021, 11, 366.	2.4	29
130	Ethanol consumption and reward depend on norepinephrine in the prefrontal cortex. NeuroReport, 2006, 17, 1813-1817.	0.6	28
131	Effects of apomorphine and sodium di-n-propylacetate on the aggressive behaviour of three strains of mice. Progress in Neuro-Psychopharmacology & Biological Psychiatry, 1979, 3, 491-502.	0.6	27
132	Paradoxical Abatement of Striatal Dopaminergic Transmission by Cocaine and Methylphenidate. Journal of Biological Chemistry, 2014, 289, 264-274.	1.6	27
133	Regulation of nucleus accumbens transcript levels in mice by early-life social stress and cocaine. Neuropharmacology, 2016, 103, 183-194.	2.0	27
134	Histaminergic transmission slows progression of amyotrophic lateral sclerosis. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 872-893.	2.9	27
135	Naloxone potentiates shock-induced aggressive behavior in mice. Pharmacology Biochemistry and Behavior, 1981, 15, 513-514.	1.3	26
136	Circadian variations of noradrenaline, 5-hydroxytryptamine and dopamine in specific brain areas of C57B1/6 and BALB/c mice. Brain Research, 1982, 232, 472-478.	1.1	26
137	Effects of opiate antagonists on social and aggressive behavior of isolated mice. Pharmacology Biochemistry and Behavior, 1982, 17, 691-694.	1.3	26
138	In vivo evidence that genetic background controls impulse-dependent dopamine release induced by amphetamine in the nucleus accumbens. Journal of Neurochemistry, 2004, 89, 494-502.	2.1	26
139	Repeated stressful experiences differently affect brain dopamine receptor subtypes. Life Sciences, 1991, 48, 1263-1268.	2.0	25
140	Cortical and limbic dopamine and acetylcholine release as neurochemical correlates of emotional arousal in both aversive and non-aversive environmental changes. Neurochemistry International, 1992, 20, 265-270.	1.9	25
141	Strain-dependent effects of post-training cocaine or nomifensine on memory storage involve both D1 and D2 dopamine receptors. Psychopharmacology, 1994, 115, 157-162.	1.5	25
142	Strain-dependent effects of D2 dopaminergic and muscarinic-cholinergic agonists and antagonists on memory consolidation processes in mice. Behavioural Brain Research, 1997, 86, 97-104.	1.2	24
143	Behavioural data on dermorphins in mice. European Journal of Pharmacology, 1982, 82, 223-227.	1.7	23
144	Stress-induced decrease of 3-methoxytyramine in the nucleus accumbens of the mouse is prevented by naltrexone pretreatment. Life Sciences, 1989, 45, 1031-1037.	2.0	23

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145	Corticolimbic catecholamines in stress: a computational model of the appraisal of controllability. Brain Structure and Function, 2015, 220, 1339-1353.	1.2	23
146	Stress-Induced Reduction of Dorsal Striatal D2 Dopamine Receptors Prevents Retention of a Newly Acquired Adaptive Coping Strategy. Frontiers in Pharmacology, 2017, 8, 621.	1.6	23
147	Strain-dependent involvement of D1 and D2 dopamine receptors in muscarinic cholinergic influences on memory storage. Behavioural Brain Research, 1998, 98, 17-26.	1.2	22
148	In vivo catecholaminergic metabolism in the medial prefrontal cortex of ENU2 mice: an investigation of the cortical dopamine deficit in phenylketonuria. Journal of Inherited Metabolic Disease, 2012, 35, 1001-1009.	1.7	22
149	Implication of the VGF-derived peptide TLQP-21 in mouse acute and chronic stress responses. Behavioural Brain Research, 2012, 229, 333-339.	1.2	22
150	Strain-Dependent Variations in Stress Coping Behavior Are Mediated by a 5-HT/GABA Interaction within the Prefrontal Corticolimbic System. International Journal of Neuropsychopharmacology, 2015, 18, pyu074-pyu074.	1.0	22
151	LY 171555-induced catalepsy and defensive behavior in four strains of mice suggest the involvement of different D2 dopamine receptor systems. Pharmacology Biochemistry and Behavior, 1990, 36, 327-331.	1.3	21
152	MicroRNA-34 Contributes to the Stress-related Behavior and Affects 5-HT Prefrontal/GABA Amygdalar System through Regulation of Corticotropin-releasing Factor Receptor 1. Molecular Neurobiology, 2018, 55, 7401-7412.	1.9	21
153	Neuregulin 1/ErbB signalling modulates hippocampal mGluRI-dependent LTD and object recognition memory. Pharmacological Research, 2018, 130, 12-24.	3.1	21
154	Passive Avoidance Behavior in Mice: Interaction Between Age and Genotype. Experimental Aging Research, 1986, 12, 107-109.	0.6	20
155	Genotype-dependent modulation of LY 171555-induced defensive behavior in the mouse. Psychopharmacology, 1989, 97, 166-168.	1.5	20
156	Strain-dependent effects of anandamide on memory consolidation in mice are antagonized by naltrexone. Behavioural Pharmacology, 1999, 10, 453-457.	0.8	19
157	Stress-induced activation of ventral tegmental mu-opioid receptors reduces accumbens dopamine tone by enhancing dopamine transmission in the medial pre-frontal cortex. Psychopharmacology, 2014, 231, 4099-4108.	1.5	19
158	Interplay of prefrontal cortex and amygdala during extinction of drug seeking. Brain Structure and Function, 2017, 223, 1071-1089.	1.2	19
159	When Chocolate Seeking Becomes Compulsion: Gene-Environment Interplay. PLoS ONE, 2015, 10, e0120191.	1.1	19
160	Effects of genetic and nutritional factors on post-natal reflex and behavioral development in the mouse. Experimental Aging Research, 1975, 1, 41-56.	0.6	18
161	Diurnal variations in electroconvulsive shock-induced seizures: Involement of endogenous opioids. Neuroscience Letters, 1985, 57, 237-240.	1.0	18
162	A new therapy prevents intellectual disability in mouse with phenylketonuria. Molecular Genetics and Metabolism, 2018, 124, 39-49.	0.5	18

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163	Nonhuman behavioral models in the genetics of disturbed behavior. Journal of Psychiatric Research, 1992, 26, 367-382.	1.5	17
164	CRH-R1 mRNA expression in two strains of inbred mice and its regulation after repeated restraint stress. Molecular Brain Research, 1996, 40, 310-314.	2.5	17
165	Strain-dependent effects of cocaine on memory storage improvement induced by post-training physostigmine. Psychopharmacology, 1996, 123, 340-345.	1.5	17
166	Functional and Dysfunctional Neuroplasticity in Learning to Cope with Stress. Brain Sciences, 2020, 10, 127.	1.1	17
167	Behavioral and Neurochemical Characterization of New Mouse Model of Hyperphenylalaninemia. PLoS ONE, 2013, 8, e84697.	1.1	17
168	Opioid antagonism of electroschock-induced seizures. Pharmacology Biochemistry and Behavior, 1984, 20, 767-769.	1.3	16
169	Chronic stress reduces the analgesic but not the stimulant effect of morphine in mice. Brain Research, 1986, 380, 357-358.	1.1	16
170	The Relationship Between Specific Pavlovian Instrumental Transfer and Instrumental Reward Probability. Frontiers in Psychology, 2015, 6, 1697.	1.1	16
171	A technique for the measurement of aggressive behavior in mice. Behavior Research Methods & Instrumentation, 1977, 9, 503-504.	0.3	15
172	Pharmacological evidence for a protective role of the endogenous opioid system on electroshock-induced seizures in the mouse. Neuroscience Letters, 1985, 62, 241-247.	1.0	15
173	Predictable stress promotes place preference and low mesoaccumbens dopamine response. Physiology and Behavior, 2002, 75, 135-141.	1.0	15
174	Electrophysiological and amperometric evidence that modafinil blocks the dopamine uptake transporter to induce behavioral activation. Neuroscience, 2013, 252, 118-124.	1.1	15
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