

Elevated anxiety and antidepressant-like responses in s mice

Proceedings of the National Academy of Sciences of the United States of America
95, 15049-15054

DOI: [10.1073/pnas.95.25.15049](https://doi.org/10.1073/pnas.95.25.15049)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Serotonin receptor knockouts: A moody subject. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 15153-15154.	3.3	37
2	Knockout Corner: 5-HT1A receptor inactivation: anxiety or depression as a murine experience. International Journal of Neuropsychopharmacology, 1999, 2, 327-331.	1.0	18
3	Constitutive Gi2-dependent Activation of Adenylyl Cyclase Type II by the 5-HT1A Receptor. Journal of Biological Chemistry, 1999, 274, 35469-35474.	1.6	58
4	Anxiety: at the intersection of genes and experience. Nature Neuroscience, 1999, 2, 780-782.	7.1	32
5	Synaptic physiology in C. elegans. Nature Neuroscience, 1999, 2, 782-782.	7.1	0
6	Complications associated with genetic background effects in research using knockout mice. Psychopharmacology, 1999, 147, 5-7.	1.5	147
7	Altered Emotional States in Knockout Mice Lacking 5-HT1A or 5-HT1B Receptors. Neuropsychopharmacology, 1999, 21, 52S-60S.	2.8	228
8	Anxiety and increased 5-HT1A receptor response in NCAM null mutant mice. , 1999, 40, 343-355.		113
9	The new biology of anorexia and bulimia nervosa: implications for advances in treatment. European Eating Disorders Review, 1999, 7, 157-161.	2.3	0
10	Molecular manipulations as tools for enhancing our understanding of 5-HT neurotransmission. Trends in Pharmacological Sciences, 1999, 20, 246-252.	4.0	64
11	Differential discrimination of G-protein coupling of serotonin1A receptors from bovine hippocampus by an agonist and an antagonist. FEBS Letters, 1999, 457, 389-392.	1.3	46
12	Genetic Inactivation of the Serotonin _{1A} Receptor in Mice Results in Downregulation of Major GABA _A Receptor α Subunits, Reduction of GABA _A Receptor Binding, and Benzodiazepine-Resistant Anxiety. Journal of Neuroscience, 2000, 20, 2758-2765.	1.7	186
13	A review of the role of serotonin receptors in psychiatric disorders. Human Psychopharmacology, 2000, 15, 397-415.	0.7	211
14	Recovery of emotional behaviour in neural cell adhesion molecule (NCAM) null mutant mice through transgenic expression of NCAM180. European Journal of Neuroscience, 2000, 12, 3291-3306.	1.2	115
15	Heritability and Prevalence of Specific Fears and Phobias in Childhood. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2000, 41, 927-937.	3.1	71
16	Knockout Mice Reveal Opposite Roles for Serotonin 1A and 1B Receptors in Prepulse Inhibition. Neuropsychopharmacology, 2000, 22, 650-659.	2.8	72
17	Commentary: The broken mouse: the role of development, plasticity and environment in the interpretation of phenotypic changes in knockout mice. Current Opinion in Neurobiology, 2000, 10, 146-152.	2.0	114
18	Selective breeding of 5-HT1A receptor-mediated responses: application to emotion and receptor action. Pharmacology Biochemistry and Behavior, 2000, 67, 701-708.	1.3	25

#	ARTICLE	IF	CITATIONS
19	Mouse models of serotonin receptor function: toward a genetic dissection of serotonin systems. , 2000, 88, 133-142.		54
20	Pharmacogenetics and the serotonin system: initial studies and future directions. European Journal of Pharmacology, 2000, 410, 165-181.	1.7	236
21	Mice lacking PKC gamma exhibit decreased anxiety. Behavior Genetics, 2000, 30, 111-121.	1.4	59
22	Loss of aggression, after transfer onto a C57BL/6J background, in mice carrying a targeted disruption of the neuronal nitric oxide synthase gene. Behavior Genetics, 2000, 30, 367-373.	1.4	42
23	Role of disulfides and sulfhydryl groups in agonist and antagonist binding in serotonin1A receptors from bovine hippocampus. Cellular and Molecular Neurobiology, 2000, 20, 665-681.	1.7	19
24	Habituation of activity in an open field: A survey of inbred strains and F1 hybrids. Behavior Genetics, 2000, 30, 285-293.	1.4	159
25	Distress vocalizations in maternally separated mouse pups: modulation via 5-HT 1A , 5-HT 1B and GABA A receptors. Psychopharmacology, 2000, 149, 277-285.	1.5	81
26	List of transgenic and knockout mice: behavioral profiles. Mammalian Genome, 2000, 11, 260-274.	1.0	67
27	Behavior and mutagenesis screens: the importance of baseline analysis of inbred strains. Mammalian Genome, 2000, 11, 555-564.	1.0	151
28	Reduction in the Density and Expression, But Not G-Protein Coupling, of Serotonin Receptors (5-HT _{1A}) in 5-HT Transporter Knock-Out Mice: Gender and Brain Region Differences. Journal of Neuroscience, 2000, 20, 7888-7895.	1.7	214
29	Novel Dual Repressor Elements for Neuronal Cell-specific Transcription of the Rat 5-HT1A Receptor Gene. Journal of Biological Chemistry, 2000, 275, 8161-8168.	1.6	62
30	Impaired hippocampal-dependent learning and functional abnormalities in the hippocampus in mice lacking serotonin1A receptors. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 14731-14736.	3.3	342
31	Neurochemical Individuality. Archives of General Psychiatry, 2000, 57, 1105.	13.8	93
32	Dissection of behavior and psychiatric disorders using the mouse as a model. Human Molecular Genetics, 2000, 9, 953-965.	1.4	104
33	Effect of alcohols on G-protein coupling of serotonin1A receptors from bovine hippocampus. Brain Research Bulletin, 2000, 52, 597-601.	1.4	18
34	Natural animal models of human psychiatric conditions: assessment of mechanism and validity. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2000, 24, 727-776.	2.5	167
35	The effects of compounds varying in selectivity as 5-HT1A receptor antagonists in three rat models of anxiety. Neuropharmacology, 2000, 39, 1848-1857.	2.0	72
36	Behavioral profile of wild mice in the elevated plus-maze test for anxiety. Physiology and Behavior, 2000, 71, 509-516.	1.0	122

#	ARTICLE	IF	CITATIONS
37	Reciprocal autoreceptor and heteroreceptor control of serotonergic, dopaminergic and noradrenergic transmission in the frontal cortex: relevance to the actions of antidepressant agents. <i>Journal of Psychopharmacology</i> , 2000, 14, 114-138.	2.0	201
38	Altered fear circuits in 5-HT1A receptor KO mice. <i>Biological Psychiatry</i> , 2000, 48, 1157-1163.	0.7	166
39	Role of serotonin in memory impairment. <i>Annals of Medicine</i> , 2000, 32, 210-221.	1.5	357
40	Combining genetic and genomic approaches to study mood disorders. <i>European Neuropsychopharmacology</i> , 2001, 11, 413-421.	0.3	17
41	Stress-induced hyperthermia in the 5-HT1A receptor knockout mouse is normal. <i>Biological Psychiatry</i> , 2001, 49, 569-574.	0.7	38
42	5-HT1B receptor knockout, but not 5-HT1A receptor knockout mice, show reduced startle reactivity and footshock-induced sensitization, as measured with the acoustic startle response. <i>Behavioural Brain Research</i> , 2001, 118, 169-178.	1.2	44
43	Measuring normal and pathological anxiety-like behaviour in mice: a review. <i>Behavioural Brain Research</i> , 2001, 125, 141-149.	1.2	753
44	Serotonin Receptors Modulate GABA _A Receptor Channels through Activation of Anchored Protein Kinase C in Prefrontal Cortical Neurons. <i>Journal of Neuroscience</i> , 2001, 21, 6502-6511.	1.7	191
45	The α_2 -Adrenergic Receptor Plays a Protective Role in Mouse Behavioral Models of Depression and Anxiety. <i>Journal of Neuroscience</i> , 2001, 21, 4875-4882.	1.7	211
46	Mouse Molecular Genetic Technologies. <i>Archives of General Psychiatry</i> , 2001, 58, 995.	13.8	24
47	The genetic basis of the pharmacological effects of anxiolytics: a review based on rodent models. <i>Behavioural Pharmacology</i> , 2001, 12, 451-460.	0.8	62
48	Is this mouse anxious? The difficulties of interpreting the effects of genetic action. Commentary on Belzung "The genetic basis of the pharmacological effects of anxiolytics" and Olivier et al. "The 5-HT 1A receptor knockout mouse and anxiety". <i>Behavioural Pharmacology</i> , 2001, 12, 461-465.	0.8	5
49	The 5-HT 1A receptor knockout mouse and anxiety. <i>Behavioural Pharmacology</i> , 2001, 12, 439-450.	0.8	84
50	Dissecting GABAergic and serotonergic involvement in anxiety. Commentary on Belzung "The genetic basis of the pharmacological effects of anxiolytics" and Olivier et al. "The 5-HT 1A receptor knockout mouse and anxiety". <i>Behavioural Pharmacology</i> , 2001, 12, 467-470.	0.8	1
51	Anxious genes, emerging themes. Commentary on Belzung "The genetic basis of the pharmacological effects of anxiolytics" and Olivier et al. "The 5-HT 1A receptor knockout mouse and anxiety". <i>Behavioural Pharmacology</i> , 2001, 12, 471-476.	0.8	10
52	Behavioral characterization of dopamine D ₂ ,... receptor null mutant mice.. <i>Behavioral Neuroscience</i> , 2001, 115, 1129-1144.	0.6	146
53	Mouse anxiety: the power of knockout. <i>Pharmacogenomics Journal</i> , 2001, 1, 187-192.	0.9	17
54	Serotonin 1A receptors in mood disorders: a combined genetic and genomic approach. <i>Behavioural Pharmacology</i> , 2001, 12, 429-438.	0.8	22

#	ARTICLE	IF	CITATIONS
55	The molecular neurobiology of stress – evidence from genetic and epigenetic models. <i>Behavioural Pharmacology</i> , 2001, 12, 381-427.	0.8	31
56	Appropriate use of “knockout” mice as models of depression or models of testing the efficacy of antidepressants. <i>Psychopharmacology</i> , 2001, 153, 393-394.	1.5	19
57	A prescription to resist proscriptions for murine models of depression. <i>Psychopharmacology</i> , 2001, 153, 395-398.	1.5	43
59	Further characterisation of potential antidepressant action of flibanserin. <i>Psychopharmacology</i> , 2001, 159, 64-69.	1.5	12
60	Targeted gene mutation approaches to the study of anxiety-like behavior in mice. <i>Neuroscience and Biobehavioral Reviews</i> , 2001, 25, 261-273.	2.9	191
61	5-HT1A receptor mutant mice exhibit enhanced tonic, stress-induced and fluoxetine-induced serotonergic neurotransmission. <i>Journal of Neurochemistry</i> , 2001, 77, 607-617.	2.1	86
62	Regional changes in density of serotonin transporter in the brain of 5-HT1A and 5-HT1B knockout mice, and of serotonin innervation in the 5-HT1B knockout. <i>Journal of Neurochemistry</i> , 2001, 78, 619-630.	2.1	57
63	Nicotine regulates 5-HT1A receptor gene expression in the cerebral cortex and dorsal hippocampus. <i>European Journal of Neuroscience</i> , 2001, 13, 1267-1271.	1.2	56
64	Modulation of antagonist binding to serotonin 1A receptors from bovine hippocampus by metal ions. <i>Cellular and Molecular Neurobiology</i> , 2001, 21, 453-464.	1.7	16
65	Molecular Pathways of Anxiety Revealed by Knockout Mice. <i>Molecular Neurobiology</i> , 2001, 23, 101-120.	1.9	33
66	Differential sensitivity to the anxiolytic effects of ethanol and flunitrazepam in PKC β null mutant mice. <i>Pharmacology Biochemistry and Behavior</i> , 2001, 69, 99-110.	1.3	24
67	Differential effects of 5-HT1A receptor deletion upon basal and fluoxetine-evoked 5-HT concentrations as revealed by in vivo microdialysis. <i>Brain Research</i> , 2001, 902, 11-17.	1.1	51
68	QTL analysis identifies multiple behavioral dimensions in ethological tests of anxiety in laboratory mice. <i>Current Biology</i> , 2001, 11, 725-734.	1.8	156
69	Precision in mouse behavior genetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 5957-5960.	3.3	19
70	Heterodimerization of Mineralocorticoid and Glucocorticoid Receptors at a Novel Negative Response Element of the 5-HT1A Receptor Gene. <i>Journal of Biological Chemistry</i> , 2001, 276, 14299-14307.	1.6	151
71	Enhanced Detection of Receptor Constitutive Activity in the Presence of Regulators of G Protein Signaling: Applications to the Detection and Analysis of Inverse Agonists and Low-Efficacy Partial Agonists. <i>Molecular Pharmacology</i> , 2002, 61, 1211-1221.	1.0	25
72	The structural basis of g-protein-coupled receptor function and dysfunction in human diseases. , 2002, , 144-227.		20
74	Serotonin 5-HT1A Receptors Regulate AMPA Receptor Channels through Inhibiting Ca ²⁺ /Calmodulin-dependent Kinase II in Prefrontal Cortical Pyramidal Neurons. <i>Journal of Biological Chemistry</i> , 2002, 277, 36553-36562.	1.6	113

#	ARTICLE	IF	CITATIONS
75	Molecular targets in the treatment of anxiety. <i>Biological Psychiatry</i> , 2002, 52, 1008-1030.	0.7	147
76	Solubilization of high affinity G-protein-coupled serotonin 1A receptors from bovine hippocampus using pre-micellar CHAPS at low concentration. <i>Molecular Membrane Biology</i> , 2002, 19, 211-220.	2.0	38
77	Decreased G-protein coupling of serotonin 5-HT1A receptors in the brain of 5-HT1B knockout mouse. <i>Neuropharmacology</i> , 2002, 42, 941-949.	2.0	13
78	Contrasting phenotypes of C57BL/6J OlaHsd, 129S2/SvHsd and 129/SvEv mice in two exploration-based tests of anxiety-related behaviour. <i>Physiology and Behavior</i> , 2002, 77, 301-310.	1.0	117
79	Genetic basis of anxiety-like behaviour: a critical review. <i>Brain Research Bulletin</i> , 2002, 57, 57-71.	1.4	142
80	Origin and functional role of the extracellular serotonin in the midbrain raphe nuclei. <i>Brain Research Reviews</i> , 2002, 39, 154-180.	9.1	229
81	Enhanced Locomotor, Reinforcing, and Neurochemical Effects of Cocaine in Serotonin 5-Hydroxytryptamine 2C Receptor Mutant Mice. <i>Journal of Neuroscience</i> , 2002, 22, 10039-10045.	1.7	148
82	Neurogenetics of Personality Disorders. , 0, , 1387-1412.		0
83	Involvement of 5-HT _{1A} Receptors in Homeostatic and Stress-Induced Adaptive Regulations of Paradoxical Sleep: Studies in 5-HT _{1A} Knock-Out Mice. <i>Journal of Neuroscience</i> , 2002, 22, 4686-4692.	1.7	152
84	Modification of serotonin neuron properties in mice lacking 5-HT1A receptors. <i>European Journal of Pharmacology</i> , 2002, 435, 195-203.	1.7	62
85	GABA α benzodiazepine receptor complex sensitivity in 5-HT1A receptor knockout mice on a 129/Sv background. <i>European Journal of Pharmacology</i> , 2002, 447, 67-74.	1.7	34
86	5-HT1A receptor-mediated regulation of mitogen-activated protein kinase phosphorylation in rat brain. <i>European Journal of Pharmacology</i> , 2002, 452, 155-162.	1.7	37
87	Molecular, pharmacological and functional diversity of 5-HT receptors. <i>Pharmacology Biochemistry and Behavior</i> , 2002, 71, 533-554.	1.3	1,637
88	Reduced anxiety- and depression-like behaviors in Emx1 homozygous mutant mice. <i>Brain Research</i> , 2002, 937, 32-40.	1.1	33
89	A chronic treatment with fluoxetine decreases 5-HT1A receptors labeling in mice selected as a genetic model of helplessness. <i>Brain Research</i> , 2002, 936, 68-75.	1.1	42
90	Autonomic Changes Associated with Enhanced Anxiety in 5-HT1A Receptor Knockout Mice. <i>Neuropsychopharmacology</i> , 2002, 27, 380-390.	2.8	68
91	Influence of forced swimming-induced stress on the anxiolytic-like effect of 5HT1A agents in mice. <i>Psychopharmacology</i> , 2002, 162, 147-155.	1.5	20
92	When cells become depressed: focus on neural stem cells in novel treatment strategies against depression. <i>Journal of Neural Transmission</i> , 2002, 109, 947-962.	1.4	35

#	ARTICLE	IF	CITATIONS
93	Absence of anxiolytic response to chlordiazepoxide in two common background strains exposed to the elevated plus-maze: importance and implications of behavioural baseline. <i>Genes, Brain and Behavior</i> , 2002, 1, 242-251.	1.1	64
94	Serotonin sustains serenity. <i>Nature</i> , 2002, 416, 377-379.	13.7	18
95	Serotonin1A receptor acts during development to establish normal anxiety-like behaviour in the adult. <i>Nature</i> , 2002, 416, 396-400.	13.7	866
96	Targeted mutation of <i>Cyln2</i> in the Williams syndrome critical region links CLIP-115 haploinsufficiency to neurodevelopmental abnormalities in mice. <i>Nature Genetics</i> , 2002, 32, 116-127.	9.4	163
97	Regulation of the avidity of ternary complexes containing the human 5-HT1A receptor by mutation of a receptor contact site on the interacting G protein β subunit. <i>British Journal of Pharmacology</i> , 2002, 137, 345-352.	2.7	5
98	Regulation of GABAergic Inhibition by Serotonin Signaling in Prefrontal Cortex: Molecular Mechanisms and Functional Implications. <i>Molecular Neurobiology</i> , 2002, 26, 203-216.	1.9	87
99	Genetic animal models of anxiety. <i>Neurogenetics</i> , 2003, 4, 109-135.	0.7	138
100	Anxiety-related traits in mice with modified genes of the serotonergic pathway. <i>European Journal of Pharmacology</i> , 2003, 480, 185-204.	1.7	99
101	N-ethyl-N-nitrosourea mouse mutants in the dissection of behavioural and psychiatric disorders. <i>European Journal of Pharmacology</i> , 2003, 480, 205-217.	1.7	19
102	The Vogel conflict test: procedural aspects, β -aminobutyric acid, glutamate and monoamines. <i>European Journal of Pharmacology</i> , 2003, 463, 67-96.	1.7	128
103	5-HT1A receptor knockout mouse as a genetic model of anxiety. <i>European Journal of Pharmacology</i> , 2003, 463, 177-184.	1.7	148
104	5-HT1A receptor knockout mice and mice overexpressing corticotropin-releasing hormone in models of anxiety. <i>European Journal of Pharmacology</i> , 2003, 463, 185-197.	1.7	83
105	Stress-induced hyperthermia and anxiety: pharmacological validation. <i>European Journal of Pharmacology</i> , 2003, 463, 117-132.	1.7	183
106	Abnormal anxiety-related behavior in serotonin transporter null mutant mice: the influence of genetic background. <i>Genes, Brain and Behavior</i> , 2003, 2, 365-380.	1.1	294
107	Central 5-Ht Receptor Hypersensitivity in Migraine Without Aura. <i>Cephalalgia</i> , 2003, 23, 29-34.	1.8	33
108	The developmental role of serotonin: news from mouse molecular genetics. <i>Nature Reviews Neuroscience</i> , 2003, 4, 1002-1012.	4.9	1,130
109	Flibanserin, a potential antidepressant drug, lowers 5-HT and raises dopamine and noradrenaline in the rat prefrontal cortex dialysate: role of 5-HT1A receptors. <i>British Journal of Pharmacology</i> , 2003, 139, 1281-1288.	2.7	53
110	Knockouts model the 100 best-selling drugs—will they model the next 100?. <i>Nature Reviews Drug Discovery</i> , 2003, 2, 38-51.	21.5	380

#	ARTICLE	IF	CITATIONS
111	Hyperactivity and Reduced Energy Cost of Physical Activity in Serotonin 5-HT _{2C} Receptor Mutant Mice. <i>Diabetes</i> , 2003, 52, 315-320.	0.3	110
112	The neurobiology and control of anxious states. <i>Progress in Neurobiology</i> , 2003, 70, 83-244.	2.8	815
113	A genetic screen for mouse mutations with defects in serotonin responsiveness. <i>Molecular Brain Research</i> , 2003, 115, 162-172.	2.5	13
114	Differing central amine receptor sensitivity in different migraine subtypes? A neuroendocrine study using buspirone. <i>Pain</i> , 2003, 101, 283-290.	2.0	12
115	Family 1 G protein-coupled receptor function in the CNS Insights from gene knockout mice. <i>Brain Research Reviews</i> , 2003, 41, 125-152.	9.1	15
116	Toward a molecular architecture of personality. <i>Behavioural Brain Research</i> , 2003, 139, 1-20.	1.2	231
117	Operant learning and differential-reinforcement-of-low-rate 36-s responding in 5-HT _{1A} and 5-HT _{1B} receptor knockout mice. <i>Behavioural Brain Research</i> , 2003, 141, 137-145.	1.2	60
118	Pet-1 ETS Gene Plays a Critical Role in 5-HT Neuron Development and Is Required for Normal Anxiety-like and Aggressive Behavior. <i>Neuron</i> , 2003, 37, 233-247.	3.8	428
119	Isolation and Characterization of the Canine Serotonin Receptor 1A Gene (htr1A)., 2003, 94, 49-56.		19
120	Mice Lacking the Serotonin Transporter Exhibit 5-HT _{1A} Receptor-Mediated Abnormalities in Tests for Anxiety-like Behavior. <i>Neuropsychopharmacology</i> , 2003, 28, 2077-2088.	2.8	289
121	Involvement of 5-HT 1A Receptors in Animal Tests of Anxiety and Depression: Evidence from Genetic Models. <i>Stress</i> , 2003, 6, 101-110.	0.8	93
122	The Genes and Brains of Mice and Men. <i>American Journal of Psychiatry</i> , 2003, 160, 646-656.	4.0	103
123	New Lessons From Knockout Mice: The Role of Serotonin During Development and Its Possible Contribution to the Origins of Neuropsychiatric Disorders. <i>CNS Spectrums</i> , 2003, 8, 572-577.	0.7	38
124	The neural substrates of anxiety. , 2003, , 308-337.		3
125	Impaired Repression at a 5-Hydroxytryptamine 1A Receptor Gene Polymorphism Associated with Major Depression and Suicide. <i>Journal of Neuroscience</i> , 2003, 23, 8788-8799.	1.7	662
126	Freud-1: A Neuronal Calcium-Regulated Repressor of the 5-HT _{1A} Receptor Gene. <i>Journal of Neuroscience</i> , 2003, 23, 7415-7425.	1.7	94
127	Developmental Aspects of Panic and Related Anxiety Disorders. <i>Neuroembryology</i> , 2003, 2, 72-80.	1.1	2
128	The 5-Hydroxytryptamine(1A) Receptor Is Stably Palmitoylated, and Acylation Is Critical for Communication of Receptor with Gi Protein. <i>Journal of Biological Chemistry</i> , 2004, 279, 3280-3291.	1.6	67

#	ARTICLE	IF	CITATIONS
129	Variability in the Benzodiazepine Response of Serotonin 5-HT _{1A} Receptor Null Mice Displaying Anxiety-Like Phenotype: Evidence for Genetic Modifiers in the 5-HT-Mediated Regulation of GABA _A Receptors. <i>Journal of Neuroscience</i> , 2004, 24, 6343-6351.	1.7	42
130	Co-expression and In Vivo Interaction of Serotonin _{1A} and Serotonin _{2A} Receptors in Pyramidal Neurons of Prefrontal Cortex. <i>Cerebral Cortex</i> , 2004, 14, 281-299.	1.6	316
131	5-HT _{1A} Receptors, Gene Repression, and Depression: Guilt by Association. <i>Neuroscientist</i> , 2004, 10, 575-593.	2.6	223
132	Effects of tandospirone, a novel anxiolytic agent, on human 5-HT _{1A} receptors expressed in Chinese hamster ovary cells (CHO cells). <i>Biogenic Amines</i> , 2004, 18, 319-328.	0.3	12
133	Psychobiological Mechanisms of Resilience and Vulnerability: Implications for Successful Adaptation to Extreme Stress. <i>American Journal of Psychiatry</i> , 2004, 161, 195-216.	4.0	1,298
134	Human 5-HT _{1A} receptor C(â~1019)G polymorphism and psychopathology. <i>International Journal of Neuropsychopharmacology</i> , 2004, 7, 441-451.	1.0	141
135	Corticotropin-Releasing Factor and Acute Stress Prolongs Serotonergic Regulation of GABA Transmission in Prefrontal Cortical Pyramidal Neurons. <i>Journal of Neuroscience</i> , 2004, 24, 5000-5008.	1.7	103
136	Long-term effects of culture of preimplantation mouse embryos on behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1595-1600.	3.3	256
137	GENETIC APPROACHES TO THE STUDY OF ANXIETY. <i>Annual Review of Neuroscience</i> , 2004, 27, 193-222.	5.0	124
138	Psychobiological Mechanisms of Resilience and Vulnerability. <i>Focus (American Psychiatric)</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.4	57
139	Expression of Serotonin _{1A} and Serotonin _{2A} Receptors in Pyramidal and GABAergic Neurons of the Rat Prefrontal Cortex. <i>Cerebral Cortex</i> , 2004, 14, 1100-1109.	1.6	402
140	GABAB receptors in 5-HT transporter- and 5-HT _{1A} receptor-knock-out mice: further evidence of a transduction pathway shared with 5-HT _{1A} receptors. <i>Journal of Neurochemistry</i> , 2004, 89, 886-896.	2.1	33
141	From monoamines to genomic targets: a paradigm shift for drug discovery in depression. <i>Nature Reviews Drug Discovery</i> , 2004, 3, 136-151.	21.5	192
142	In search of a depressed mouse: utility of models for studying depression-related behavior in genetically modified mice. <i>Molecular Psychiatry</i> , 2004, 9, 326-357.	4.1	553
143	The developmental origins of anxiety. <i>Nature Reviews Neuroscience</i> , 2004, 5, 545-552.	4.9	442
144	Mice lacking 5-HT ₇ receptors show specific impairments in contextual learning. <i>European Journal of Neuroscience</i> , 2004, 19, 1913-1922.	1.2	134
145	Mutant G-protein-coupled receptors as a cause of human diseases. , 2004, 104, 173-206.		281
146	8-OH-DPAT acts on both 5-HT _{1A} and 5-HT ₇ receptors to induce hypothermia in rodents. <i>European Journal of Pharmacology</i> , 2004, 487, 125-132.	1.7	169

#	ARTICLE	IF	CITATIONS
147	Behavioral and physiological mouse models for anxiety: effects of flesinoxan in 129S6/SvEvTac and C57BL/6J mice. <i>European Journal of Pharmacology</i> , 2004, 494, 45-53.	1.7	18
148	Identification of Quantitative Trait Loci for Anxiety and Locomotion Phenotypes in Rat Recombinant Inbred Strains. <i>Behavior Genetics</i> , 2004, 34, 93-103.	1.4	31
149	The Serotonergic System and Anxiety. <i>NeuroMolecular Medicine</i> , 2004, 5, 027-040.	1.8	153
150	Solubilization of Serotonin1A Receptors Heterologously Expressed in Chinese Hamster Ovary Cells. <i>Cellular and Molecular Neurobiology</i> , 2004, 24, 293-300.	1.7	20
151	Genetic and environmental factors interact to influence anxiety. <i>Neurotoxicity Research</i> , 2004, 6, 493-501.	1.3	39
152	Ligand Binding Characteristics of the Human Serotonin1A Receptor Heterologously Expressed in CHO Cells. <i>Bioscience Reports</i> , 2004, 24, 101-115.	1.1	40
153	Implications of genetic research on the role of the serotonin in depression: emphasis on the serotonin type 1A receptor and the serotonin transporter. <i>Psychopharmacology</i> , 2004, 174, 512-24.	1.5	79
154	Cell type-dependent recruitment of trichostatin A-sensitive repression of the human 5-HT1A receptor gene. <i>Journal of Neurochemistry</i> , 2004, 88, 857-868.	2.1	45
155	Temperature-dependent interaction of the bovine hippocampal serotonin1A receptor with G-proteins. <i>Molecular Membrane Biology</i> , 2004, 21, 119-123.	2.0	19
156	Serotonin and brain development. <i>International Review of Neurobiology</i> , 2004, 59, 111-174.	0.9	283
157	Cholesterol modulates ligand binding and G-protein coupling to serotonin1A receptors from bovine hippocampus. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2004, 1663, 188-200.	1.4	220
158	The sterol-binding antibiotic nystatin differentially modulates ligand binding of the bovine hippocampal serotonin1A receptor. <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 557-562.	1.0	31
159	Reduced anxiety-related behaviour in transgenic mice overexpressing serotonin1A receptors. <i>Molecular Brain Research</i> , 2004, 129, 104-116.	2.5	108
160	Age-dependent effects of serotonin-1A receptor gene deletion in spatial learning abilities in mice. <i>Molecular Brain Research</i> , 2004, 130, 39-48.	2.5	31
161	Juvenile 5HT 1B receptor knockout mice exhibit reduced pharmacological sensitivity to 5HT 1A receptor activation. <i>International Journal of Developmental Neuroscience</i> , 2004, 22, 405-413.	0.7	14
162	Stress-induced hyperthermia. <i>Handbook of Behavioral Neuroscience</i> , 2005, 15, 135-155.	0.0	5
163	The naturally occurring Arg219Leu variant of the human 5-HT1A receptor: impairment of signal transduction. <i>Pharmacogenetics and Genomics</i> , 2005, 15, 257-264.	0.7	11
164	Enhanced serotonin response in the hippocampus of G??z protein knock-out mice. <i>NeuroReport</i> , 2005, 16, 921-925.	0.6	18

#	ARTICLE	IF	CITATIONS
165	The tail suspension test as a model for assessing antidepressant activity: Review of pharmacological and genetic studies in mice. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 29, 571-625.	2.9	1,266
166	Oxidative stress is the new stress. <i>Nature Medicine</i> , 2005, 11, 1281-1282.	15.2	120
167	Memory stem cells sustain disease. <i>Nature Medicine</i> , 2005, 11, 1282-1283.	15.2	7
168	Behavioral performance of tfm mice supports the beneficial role of androgen receptors in spatial learning and memory. <i>Brain Research</i> , 2005, 1034, 132-138.	1.1	45
169	Early postnatal stress alters the 5-HTergic modulation to emotional stress at postadolescent periods of rats. <i>Hippocampus</i> , 2005, 15, 775-781.	0.9	48
170	Reduction in 5-HT1A receptor density, 5-HT1A mRNA expression, and functional correlates for 5-HT1A receptors in genetically defined aggressive rats. <i>Journal of Neuroscience Research</i> , 2005, 80, 286-292.	1.3	66
171	Mutant mouse models of depression: Candidate genes and current mouse lines. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 29, 805-828.	2.9	102
172	Membrane Organization and Dynamics of the G-Protein-Coupled Serotonin1A Receptor Monitored Using Fluorescence-Based Approaches. <i>Journal of Fluorescence</i> , 2005, 15, 785-796.	1.3	7
173	Transmembrane Signaling in the Brain by Serotonin, A Key Regulator of Physiology and Emotion. <i>Bioscience Reports</i> , 2005, 25, 363-385.	1.1	60
174	The Serotonin1A A Receptor: A Representative Member of the Serotonin Receptor Family. <i>Cellular and Molecular Neurobiology</i> , 2005, 25, 553-580.	1.7	222
176	State-Dependent Alterations in Hippocampal Oscillations in Serotonin 1A Receptor-Deficient Mice. <i>Journal of Neuroscience</i> , 2005, 25, 6509-6519.	1.7	62
177	G-Protein-Gated Potassium (GIRK) Channels Containing the GIRK2 Subunit Are Control Hubs for Pharmacologically Induced Hypothermic Responses. <i>Journal of Neuroscience</i> , 2005, 25, 7801-7804.	1.7	35
178	Structure and Variation of Three Canine Genes Involved in Serotonin Binding and Transport: The Serotonin Receptor 1A Gene (<i>htr1A</i>), Serotonin Receptor 2A Gene (<i>htr2A</i>), and Serotonin Transporter Gene (<i>slc6A4</i>). <i>Journal of Heredity</i> , 2005, 96, 786-796.	1.0	23
179	Postnatal treatment with NAN-190 but not with 5-HT1A receptor agonists retards growth of the rat brain. <i>International Journal of Developmental Neuroscience</i> , 2005, 23, 485-493.	0.7	2
180	Cholesterol modulates the antagonist-binding function of hippocampal serotonin1A receptors. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2005, 1714, 35-42.	1.4	48
181	Transient overexpression of the 5-HT1A receptor impairs water-maze but not hole-board performance. <i>Neurobiology of Learning and Memory</i> , 2005, 84, 57-68.	1.0	25
182	Role of cholesterol in ligand binding and G-protein coupling of serotonin1A receptors solubilized from bovine hippocampus. <i>Biochemical and Biophysical Research Communications</i> , 2005, 327, 1036-1041.	1.0	45
183	5-HT7 Receptor Inhibition and Inactivation Induce Antidepressantlike Behavior and Sleep Pattern. <i>Biological Psychiatry</i> , 2005, 58, 831-837.	0.7	237

#	ARTICLE	IF	CITATIONS
184	Serotonin 5-HT _{1A} Receptors Regulate NMDA Receptor Channels through a Microtubule-Dependent Mechanism. <i>Journal of Neuroscience</i> , 2005, 25, 5488-5501.	1.7	198
185	Animal models of anxiety. <i>Drug Discovery Today: Disease Models</i> , 2006, 3, 369-374.	1.2	4
186	Mice over-expressing the 5-HT _{1A} receptor in cortex and dentate gyrus display exaggerated locomotor and hypothermic response to 8-OH-DPAT. <i>Behavioural Brain Research</i> , 2006, 167, 328-341.	1.2	53
187	Models of anxiety: Responses of rats to novelty in an open space and an enclosed space. <i>Behavioural Brain Research</i> , 2006, 171, 26-49.	1.2	102
188	Models of anxiety: Responses of mice to novelty and open spaces in a 3D maze. <i>Behavioural Brain Research</i> , 2006, 174, 9-38.	1.2	45
189	Effects of the 5-HT ₇ receptor antagonist SB-269970 on rat hormonal and temperature responses to the 5-HT _{1A/7} receptor agonist 8-OH-DPAT. <i>Neuroscience Letters</i> , 2006, 404, 122-126.	1.0	47
190	Serotonin 2A receptor gene is associated with personality traits, but not to disorder, in patients with borderline personality disorder. <i>Neuroscience Letters</i> , 2006, 408, 214-219.	1.0	52
191	Role of cholesterol in the function and organization of G-protein coupled receptors. <i>Progress in Lipid Research</i> , 2006, 45, 295-333.	5.3	259
192	Genetic Influences on Moral Capacity: What Genetic Mutants Can Teach Us. , 0, , 77-96.		1
193	Association of the functional [minus sign]1019C/G 5-HT _{1A} polymorphism with prefrontal cortex and amygdala activation measured with 3 T fMRI in panic disorder. <i>International Journal of Neuropsychopharmacology</i> , 2006, 9, 349.	1.0	116
194	Susceptibility Genes for the Side Effect of Antipsychotics on Body Weight and Obesity. <i>Current Drug Targets</i> , 2006, 7, 1681-1695.	1.0	29
195	Hypothermic responses to 8-OH-DPAT in the Ts65Dn mouse model of Down syndrome. <i>NeuroReport</i> , 2006, 17, 837-841.	0.6	9
196	Behavioral and Neurological Phenotyping in the Mouse. , 0, , 135-175.		3
197	The anxiety-like phenotype of 5-HT _{1A} receptor null mice is associated with genetic background-specific perturbations in the prefrontal cortex GABA _A glutamate system. <i>Journal of Neurochemistry</i> , 2006, 99, 892-899.	2.1	32
198	Ontogeny of brain and blood serotonin levels in 5-HT _{1A} receptor knockout mice: potential relevance to the neurobiology of autism. <i>Journal of Neurochemistry</i> , 2006, 99, 1019-1031.	2.1	42
199	Identifying interactions between genes and early environment in the mouse. <i>Genes, Brain and Behavior</i> , 2006, 5, 189-199.	1.1	44
200	Increased Fear Response to Contextual Cues in Mice Lacking the 5-HT _{1A} Receptor. <i>Neuropsychopharmacology</i> , 2006, 31, 101-111.	2.8	136
201	Genetic Inactivation of Melanin-Concentrating Hormone Receptor Subtype 1 (MCHR1) in Mice Exerts Anxiolytic-Like Behavioral Effects. <i>Neuropsychopharmacology</i> , 2006, 31, 112-120.	2.8	91

#	ARTICLE	IF	CITATIONS
202	Ligand Binding and G-protein Coupling of the Serotonin1A Receptor in Cholesterol-enriched Hippocampal Membranes. <i>Bioscience Reports</i> , 2006, 26, 79-87.	1.1	4
203	Prolonged Treatment with Ligands Affects Ligand Binding to the Human Serotonin1A Receptor in Chinese Hamster Ovary Cells. <i>Cellular and Molecular Neurobiology</i> , 2006, 26, 247-257.	1.7	0
204	Characteristics of Binding of [3H]WAY100635 to Rat Hippocampal Membranes. <i>Neurochemical Research</i> , 2006, 31, 1135-1140.	1.6	10
205	S100A1-deficient male mice exhibit increased exploratory activity and reduced anxiety-related responses. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006, 1763, 1307-1319.	1.9	24
206	The influence of sex and social isolation housing on pre- and postsynaptic 5-HT1A receptors. <i>Brain Research</i> , 2006, 1103, 76-87.	1.1	40
207	From genes to aggressive behavior: the role of serotonergic system. <i>BioEssays</i> , 2006, 28, 495-503.	1.2	205
208	Animal Models of Depression. , 2006, , 223-292.		0
209	A Null Mutation of the Serotonin 6 Receptor Alters Acute Responses to Ethanol. <i>Neuropsychopharmacology</i> , 2006, 31, 1801-1813.	2.8	61
210	Blockade of 5-HT1A Receptors by (Å±)-Pindolol Potentiates Cortical 5-HT Outflow, but not Antidepressant-Like Activity of Paroxetine: Microdialysis and Behavioral Approaches in 5-HT1A Receptor Knockout Mice. <i>Neuropsychopharmacology</i> , 2006, 31, 2162-2172.	2.8	63
211	Canadian Association of Neurosciences Review: Postnatal Development of the Mammalian Neocortex: Role of Activity Revisited. <i>Canadian Journal of Neurological Sciences</i> , 2006, 33, 158-169.	0.3	14
212	cAMP Response Element-Binding Protein Deficiency Allows for Increased Neurogenesis and a Rapid Onset of Antidepressant Response. <i>Journal of Neuroscience</i> , 2007, 27, 7860-7868.	1.7	88
213	Emerging anxiolytics. <i>Expert Opinion on Emerging Drugs</i> , 2007, 12, 541-554.	1.0	19
214	Psychobiological mechanisms of resilience: Relevance to prevention and treatment of stress-related psychopathology. <i>Development and Psychopathology</i> , 2007, 19, 889-920.	1.4	236
215	Serotonin and energy balance: molecular mechanisms and implications for type 2 diabetes. <i>Expert Reviews in Molecular Medicine</i> , 2007, 9, 1-24.	1.6	118
216	The role of neurotrophic factors in adult hippocampal neurogenesis, antidepressant treatments and animal models of depressive-like behavior. <i>Behavioural Pharmacology</i> , 2007, 18, 391-418.	0.8	592
217	Early life stress effects on adult stress-induced corticosterone secretion and anxiety-like behavior in the C57BL/6 mouse are not as robust as initially thought. <i>Hormones and Behavior</i> , 2007, 52, 417-426.	1.0	45
218	Serotonin and psychostimulant addiction: Focus on 5-HT1A-receptors. <i>Progress in Neurobiology</i> , 2007, 81, 133-178.	2.8	297
219	[18F]MPPF as a tool for the in vivo imaging of 5-HT1A receptors in animal and human brain. <i>Neuropharmacology</i> , 2007, 52, 695-707.	2.0	79

#	ARTICLE	IF	CITATIONS
220	Embryonic and postnatal development of the serotonergic raphe system and its target regions in 5-HT1A receptor deletion or overexpressing mouse mutants. <i>Neuroscience</i> , 2007, 147, 388-402.	1.1	13
221	Cholesterol depletion induces dynamic confinement of the G-protein coupled serotonin1A receptor in the plasma membrane of living cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 655-668.	1.4	97
222	What's wrong with my mouse model?. <i>Behavioural Brain Research</i> , 2007, 179, 1-18.	1.2	251
223	5-HT1A-iCre, a new transgenic mouse line for genetic analyses of the serotonergic pathway. <i>Molecular and Cellular Neurosciences</i> , 2007, 36, 27-35.	1.0	9
224	The 5-HT7 receptor influences stereotypic behavior in a model of obsessive-compulsive disorder. <i>Neuroscience Letters</i> , 2007, 414, 247-251.	1.0	70
225	Major depression as a disorder of serotonin resistance: inference from diabetes mellitus type II. <i>International Journal of Neuropsychopharmacology</i> , 2007, 10, 839-50.	1.0	6
226	Serotonin Activates the Hypothalamic-Pituitary-Adrenal Axis via Serotonin 2C Receptor Stimulation. <i>Journal of Neuroscience</i> , 2007, 27, 6956-6964.	1.7	243
228	Psychotropic and Neurotropic Activity. , 2007, , 565-876.		6
229	Behavioral Evaluation of Male and Female Mice Pups Exposed to Fluoxetine during Pregnancy and Lactation. <i>Pharmacology</i> , 2007, 80, 49-56.	0.9	131
230	Role of Apolipoprotein E in Anxiety. <i>Neural Plasticity</i> , 2007, 2007, 1-7.	1.0	45
232	Genetically Engineered Animals. , 2007, , 151-170.		0
233	The Freud-1/CC2D1A family: Transcriptional regulators implicated in mental retardation. <i>Journal of Neuroscience Research</i> , 2007, 85, 2833-2838.	1.3	24
234	Suppression of conditioning to ambiguous cues by pharmacogenetic inhibition of the dentate gyrus. <i>Nature Neuroscience</i> , 2007, 10, 896-902.	7.1	137
235	Plasticity of 5-HT 1A receptor-mediated signaling during early postnatal brain development. <i>Journal of Neurochemistry</i> , 2007, 101, 918-928.	2.1	26
236	Serotonin 5-HT2Creceptors regulate anxiety-like behavior. <i>Genes, Brain and Behavior</i> , 2007, 6, 491-496.	1.1	220
237	Deletion of the 5-HT3A-receptor subunit blunts the induction of cocaine sensitization. <i>Genes, Brain and Behavior</i> , 2007, 7, 070607052624001-???	1.1	10
238	Galanin receptor subtype 2 (GalR2) null mutant mice display an angiogenic-like phenotype specific to the elevated plus-maze. <i>Pharmacology Biochemistry and Behavior</i> , 2007, 86, 8-20.	1.3	100
239	Intramembrane receptor-receptor interactions: a novel principle in molecular medicine. <i>Journal of Neural Transmission</i> , 2007, 114, 49-75.	1.4	113

#	ARTICLE	IF	CITATIONS
240	Genetic variation in cortico-amygdala serotonin function and risk for stress-related disease. <i>Neuroscience and Biobehavioral Reviews</i> , 2008, 32, 1293-1314.	2.9	232
241	Molecular Targets of Anxiety: From Membrane to Nucleus. <i>Neurochemical Research</i> , 2008, 33, 1925-1932.	1.6	52
242	Evaluation of the Serotonergic Genes htr1A, htr1B, htr2A, and slc6A4 in Aggressive Behavior of Golden Retriever Dogs. <i>Behavior Genetics</i> , 2008, 38, 55-66.	1.4	31
243	Altered Serotonin and Dopamine Metabolism in the CNS of Serotonin 5-HT1A or 5-HT1B Receptor Knockout Mice. <i>Journal of Neurochemistry</i> , 2008, 75, 2415-2426.	2.1	81
244	Serotonin Receptors. <i>Chemical Reviews</i> , 2008, 108, 1614-1641.	23.0	751
245	The brain 5-HT1A receptor gene expression in hibernation. <i>Genes, Brain and Behavior</i> , 2008, 7, 300-305.	1.1	17
246	SK3 K ⁺ channel-deficient mice have enhanced dopamine and serotonin release and altered emotional behaviors. <i>Genes, Brain and Behavior</i> , 2008, 7, 836-848.	1.1	35
247	Maternal fluoxetine treatment decreases behavioral response to dopaminergic drugs in female pups. <i>Neurotoxicology and Teratology</i> , 2008, 30, 487-494.	1.2	15
250	Transcriptional regulation at a HTR1A polymorphism associated with mental illness. <i>Neuropharmacology</i> , 2008, 55, 977-985.	2.0	158
251	Anxiogenesis in adult rats treated chronically with cocaine during adolescence: Effects of extended abstinence and 8-OH-DPAT treatment. <i>Brain Research Bulletin</i> , 2008, 76, 402-411.	1.4	7
252	Perinatal exposure to 5-methoxytryptamine, behavioural-stress reactivity and functional response of 5-HT1A receptors in the adolescent rat. <i>Behavioural Brain Research</i> , 2008, 186, 98-106.	1.2	26
253	Learning and memory in 5-HT1A-receptor mutant mice. <i>Behavioural Brain Research</i> , 2008, 195, 78-85.	1.2	41
254	Molecular biology of 5-HT receptors. <i>Behavioural Brain Research</i> , 2008, 195, 198-213.	1.2	675
255	Animal Models for Anxiety Disorders. , 2008, , 203-216.		1
256	Molecular genetics of anxiety in mice and men. <i>Annals of Medicine</i> , 2008, 40, 92-109.	1.5	78
257	The development of emotion-related neural circuitry in health and psychopathology. <i>Development and Psychopathology</i> , 2008, 20, 1231-1250.	1.4	118
258	5-HT1A gene variants and psychiatric disorders: a review of current literature and selection of SNPs for future studies. <i>International Journal of Neuropsychopharmacology</i> , 2008, 11, 701-21.	1.0	56
259	Activation of 5-HT2A/C Receptors Counteracts 5-HT1A Regulation of N-Methyl-D-aspartate Receptor Channels in Pyramidal Neurons of Prefrontal Cortex. <i>Journal of Biological Chemistry</i> , 2008, 283, 17194-17204.	1.6	108

#	ARTICLE	IF	CITATIONS
260	Â-Ca ²⁺ /Calmodulin-Dependent Protein Kinase II Contributes to the Developmental Programming of Anxiety in Serotonin Receptor 1A Knock-Out Mice. <i>Journal of Neuroscience</i> , 2008, 28, 6250-6257.	1.7	81
261	Chapter 4.6 Genetic factors underlying anxiety-behavior: A meta-analysis of rodent studies involving targeted mutations of neurotransmission genes. <i>Handbook of Behavioral Neuroscience</i> , 2008, 17, 325-354.	0.7	1
262	Chapter 4.3 Modulation of anxiety behaviors by 5-HT-interacting drugs. <i>Handbook of Behavioral Neuroscience</i> , 2008, , 241-268.	0.7	5
263	Apolipoprotein E and anxiety. <i>Future Lipidology</i> , 2008, 3, 97-103.	0.5	1
265	Neuro-imaging and genetics. , 2008, , 317-344.		4
266	Mice lacking the kf-1 gene exhibit increased anxiety- but not despair-like behavior. <i>Frontiers in Behavioral Neuroscience</i> , 2008, 2, 4.	1.0	33
267	KF-1 ubiquitin ligase: an anxiety suppressor. <i>Frontiers in Neuroscience</i> , 2009, 3, 15-24.	1.4	9
268	Layer II/III of the Prefrontal Cortex: Inhibition by the Serotonin 5-HT _{1A} Receptor in Development and Stress. <i>Journal of Neuroscience</i> , 2009, 29, 10094-10103.	1.7	72
269	Inhibition of Monoamine Oxidases Desensitizes 5-HT _{1A} Autoreceptors and Allows Nicotine to Induce a Neurochemical and Behavioral Sensitization. <i>Journal of Neuroscience</i> , 2009, 29, 987-997.	1.7	26
270	Mutant mice with reduced NMDA-NR1 glycine affinity or lack of d-amino acid oxidase function exhibit altered anxiety-like behaviors. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 91, 610-620.	1.3	64
271	Increasing the number of 5-HT _{1A} -receptors in cortex and hippocampus does not induce mnemonic deficits in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 92, 76-81.	1.3	10
272	Deficits in adult prefrontal cortex neurons and behavior following early post-natal NMDA antagonist treatment. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 93, 322-330.	1.3	36
273	Early postnatal stress affects 5-HT _{1A} receptor function in the medial prefrontal cortex in adult rats. <i>European Journal of Pharmacology</i> , 2009, 615, 76-82.	1.7	15
274	Criteria for validating mouse models of psychiatric diseases. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 1-11.	1.1	96
275	Pharmacogenetics of anxiolytic drugs. <i>Journal of Neural Transmission</i> , 2009, 116, 667-677.	1.4	39
276	Reduced conditioned fear response in mice that lack Dlx1 and show subtype-specific loss of interneurons. <i>Journal of Neurodevelopmental Disorders</i> , 2009, 1, 224-236.	1.5	36
277	Pharmacological targeting of the serotonergic system for the treatment of obesity. <i>Journal of Physiology</i> , 2009, 587, 49-60.	1.3	148
278	Methylphenidate to adolescent rats drives enduring changes of accumbal Htr7 expression: implications for impulsive behavior and neuronal morphology. <i>Genes, Brain and Behavior</i> , 2009, 8, 356-368.	1.1	66

#	ARTICLE	IF	CITATIONS
279	Interest of using genetically manipulated mice as models of depression to evaluate antidepressant drugs activity: a review. <i>Fundamental and Clinical Pharmacology</i> , 2009, 23, 23-42.	1.0	36
280	Behavioral profile of P2X7 receptor knockout mice in animal models of depression and anxiety: Relevance for neuropsychiatric disorders. <i>Behavioural Brain Research</i> , 2009, 198, 83-90.	1.2	186
281	5-HT1A receptor function in major depressive disorder. <i>Progress in Neurobiology</i> , 2009, 88, 17-31.	2.8	482
282	Exaggerated feedback control decreases brain serotonin concentration and elicits hyperactivity in a rat model of diet-restriction-induced anorexia nervosa. <i>Appetite</i> , 2009, 52, 44-50.	1.8	29
283	The Serotonin-1A Receptor in Anxiety Disorders. <i>Biological Psychiatry</i> , 2009, 66, 627-635.	0.7	285
284	The bright side of being blue: Depression as an adaptation for analyzing complex problems.. <i>Psychological Review</i> , 2009, 116, 620-654.	2.7	466
285	A role for LYNX2 in anxiety-related behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4477-4482.	3.3	105
286	Overview on 5-HT receptors and their role in physiology and pathology of the central nervous system. <i>Pharmacological Reports</i> , 2009, 61, 761-777.	1.5	167
288	Mutant mouse models and antidepressant drug research: focus on serotonin and brain-derived neurotrophic factor. <i>Behavioural Pharmacology</i> , 2009, 20, 18-32.	0.8	47
289	No association between the serotonin-1A receptor gene single nucleotide polymorphism rs6295C/G and symptoms of anxiety or depression, and no interaction between the polymorphism and environmental stressors of childhood anxiety or recent stressful life events on anxiety or depression. <i>Psychiatric Genetics</i> , 2010, 20, 8-13.	0.6	25
290	Differences in 5-HT1A receptor-mediated hypothermia in rats with low or high exploratory activity. <i>Behavioural Pharmacology</i> , 2010, 21, 765-768.	0.8	3
293	Pharmacological characterization of MP349, a novel 5-HT1A-receptor antagonist with anxiolytic-like activity, in mice and rats. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 55, 533-543.	1.2	19
294	Pharmacophore-based 3D QSAR studies on a series of high affinity 5-HT1A receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 1508-1514.	2.6	29
295	Enhanced prefrontal serotonin 5-HT1A currents in a mouse model of Williams-Beuren syndrome with low innate anxiety. <i>Journal of Neurodevelopmental Disorders</i> , 2010, 2, 99-108.	1.5	29
296	Acute lecozotan administration increases learning and memory in rats without affecting anxiety or behavioral depression. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 95, 325-330.	1.3	12
297	Brain serotonin system in the coordination of food intake and body weight. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 97, 84-91.	1.3	219
298	Differential distribution of 5-HT1A and 5-HT1B-like immunoreactivities in rat central nucleus of the amygdala neurones projecting to the caudal dorsomedial medulla oblongata. <i>Brain Research</i> , 2010, 1330, 20-30.	1.1	14
299	5-HT1A receptor-regulated signal transduction pathways in brain. <i>Cellular Signalling</i> , 2010, 22, 1406-1412.	1.7	170

#	ARTICLE	IF	CITATIONS
300	Postnatal handling reverses social anxiety in serotonin receptor 1A knockout mice. <i>Genes, Brain and Behavior</i> , 2010, 9, 26-32.	1.1	28
301	Role of maternal 5-HT _{1A} receptor in programming offspring emotional and physical development. <i>Genes, Brain and Behavior</i> , 2010, 9, 877-885.	1.1	19
302	Pet-1 is required across different stages of life to regulate serotonergic function. <i>Nature Neuroscience</i> , 2010, 13, 1190-1198.	7.1	155
303	Serotonin receptor 1A modulates actin dynamics and restricts dendritic growth in hippocampal neurons. <i>European Journal of Neuroscience</i> , 2010, 32, 18-26.	1.2	33
305	Modifying 5-HT _{1A} receptor gene expression as a new target for antidepressant therapy. <i>Frontiers in Neuroscience</i> , 2010, 4, 35.	1.4	66
306	The serotonin transporter and animal models of depression. , 2010, , 135-169.		0
307	Animal models of anxiety disorders: behavioral and genetic approaches. , 0, , 156-167.		1
308	Serotonin Modulates Fast-Spiking Interneuron and Synchronous Activity in the Rat Prefrontal Cortex through 5-HT _{1A} and 5-HT _{2A} Receptors. <i>Journal of Neuroscience</i> , 2010, 30, 2211-2222.	1.7	172
309	Substitution of 5-HT _{1A} Receptor Signaling by a Light-activated G Protein-coupled Receptor. <i>Journal of Biological Chemistry</i> , 2010, 285, 30825-30836.	1.6	120
310	Transient Early-Life Forebrain Corticotropin-Releasing Hormone Elevation Causes Long-Lasting Anxiogenic and Despair-Like Changes in Mice. <i>Journal of Neuroscience</i> , 2010, 30, 2571-2581.	1.7	74
311	The serotonin _{1A} receptor gene as a genetic and prenatal maternal environmental factor in anxiety. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 7592-7597.	3.3	56
314	Early-Life Blockade of 5-HT _{1A} Receptors Alters Adult Anxiety Behavior and Benzodiazepine Sensitivity. <i>Biological Psychiatry</i> , 2010, 67, 309-316.	0.7	54
315	Acute tryptophan depletion in C57BL/6 mice does not induce central serotonin reduction or affective behavioural changes. <i>Neurochemistry International</i> , 2010, 56, 21-34.	1.9	24
316	Panic disorder and serotonergic genes (SLC6A4, HTR1A and HTR2A): Association and interaction with childhood trauma and parenting. <i>Neuroscience Letters</i> , 2010, 485, 11-15.	1.0	34
317	A transgenic mouse line for molecular genetic analysis of excitatory glutamatergic neurons. <i>Molecular and Cellular Neurosciences</i> , 2010, 45, 245-257.	1.0	87
318	Synchronized Activity between the Ventral Hippocampus and the Medial Prefrontal Cortex during Anxiety. <i>Neuron</i> , 2010, 65, 257-269.	3.8	599
319	5-HT _{1A} Autoreceptor Levels Determine Vulnerability to Stress and Response to Antidepressants. <i>Neuron</i> , 2010, 65, 40-52.	3.8	373
320	Cellular Effects of Serotonin in the CNS. <i>Handbook of Behavioral Neuroscience</i> , 2010, 21, 219-231.	0.7	8

#	ARTICLE	IF	CITATIONS
321	The Role of Serotonin in Depression. Handbook of Behavioral Neuroscience, 2010, 21, 493-505.	0.7	16
322	The Behavioral Genetics of Serotonin: Relevance to Anxiety and Depression. Handbook of Behavioral Neuroscience, 2010, 21, 749-789.	0.7	11
323	Serotonin in Panic and Anxiety Disorders. Handbook of Behavioral Neuroscience, 2010, 21, 667-685.	0.7	7
324	Transgenic and Mutant Tools to Model Brain Disorders. Neuromethods, 2010, , .	0.2	4
325	Serotonin and the Neurobiology of Anxious States. Handbook of Behavioral Neuroscience, 2010, 21, 379-397.	0.7	17
326	Sex differences and phase of light cycle modify chronic stress effects on anxiety and depressive-like behavior. Behavioural Brain Research, 2011, 222, 212-222.	1.2	100
327	Regulation of dorsal raphe nucleus function by serotonin autoreceptors: A behavioral perspective. Journal of Chemical Neuroanatomy, 2011, 41, 234-246.	1.0	73
328	Interaction of the natural anxiolytic Galphimine-B with serotonergic drugs on dorsal hippocampus in rats. Journal of Ethnopharmacology, 2011, 137, 724-729.	2.0	22
329	Predicting cortisol stress responses in older individuals: Influence of serotonin receptor 1A gene (HTR1A) and stressful life events. Hormones and Behavior, 2011, 60, 105-111.	1.0	37
330	The serotonergic system in Parkinson's disease. Progress in Neurobiology, 2011, 95, 163-212.	2.8	156
331	Cross-species behavioural genetics: A starting point for unravelling the neurobiology of human psychiatric disorders. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 1383-1390.	2.5	14
332	Effects of maternal l-tryptophan depletion and corticosterone administration on neurobehavioral adjustments in mouse dams and their adolescent and adult daughters. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 1479-1492.	2.5	21
333	Characterization of 5-HT1A/1B ^{-/-} mice: An animal model sensitive to anxiolytic treatments. Neuropharmacology, 2011, 61, 478-488.	2.0	38
334	Neuropeptide Y-Y2 receptor knockout mice: influence of genetic background on anxiety-related behaviors. Neuroscience, 2011, 176, 420-430.	1.1	30
335	Molecular genetics of mouse serotonin neurons across the lifespan. Neuroscience, 2011, 197, 17-27.	1.1	33
336	The HTR1A and HTR1B receptor genes influence stress-related information processing. European Neuropsychopharmacology, 2011, 21, 129-139.	0.3	33
337	Mouse Models of Depression. , 0, , .		11
338	Tracheal Occlusion Conditioning in Conscious Rats Modulates Gene Expression Profile of Medial Thalamus. Frontiers in Physiology, 2011, 2, 24.	1.3	11

#	ARTICLE	IF	CITATIONS
339	Blue Again: Perturbational Effects of Antidepressants Suggest Monoaminergic Homeostasis in Major Depression. <i>Frontiers in Psychology</i> , 2011, 2, 159.	1.1	79
340	Maternal Genetic Mutations as Gestational and Early Life Influences in Producing Psychiatric Disease-Like Phenotypes in Mice. <i>Frontiers in Psychiatry</i> , 2011, 2, 25.	1.3	9
341	Neurobiology of resilience. , 2011, , 1-29.		19
342	Antidepressants and the resilience to early-life stress in inbred mouse strains. <i>Pharmacogenetics and Genomics</i> , 2011, 21, 779-789.	0.7	28
343	The age of anxiety: role of animal models of anxiolytic action in drug discovery. <i>British Journal of Pharmacology</i> , 2011, 164, 1129-1161.	2.7	220
344	Interleukin-15 affects serotonin system and exerts antidepressive effects through IL15R α receptor. <i>Psychoneuroendocrinology</i> , 2011, 36, 266-278.	1.3	30
345	Serotonin 5-HT 7 receptor agents: Structure-activity relationships and potential therapeutic applications in central nervous system disorders. , 2011, 129, 120-148.		168
346	Role of central serotonin and melanocortin systems in the control of energy balance. <i>European Journal of Pharmacology</i> , 2011, 660, 70-79.	1.7	68
347	Juvenile stress attenuates the dorsal hippocampal postsynaptic 5-HT $1A$ receptor function in adult rats. <i>Psychopharmacology</i> , 2011, 214, 329-337.	1.5	27
348	Serotonin $1A$ receptor deletion does not interact with maternal separation-induced increases in startle reactivity and prepulse inhibition deficits. <i>Psychopharmacology</i> , 2011, 214, 353-365.	1.5	15
349	Cellular correlates of anxiety in CA1 hippocampal pyramidal cells of 5-HT $1A$ receptor knockout mice. <i>Psychopharmacology</i> , 2011, 213, 453-463.	1.5	15
350	The anxiolytic-like effects of cannabidiol injected into the bed nucleus of the stria terminalis are mediated by 5-HT $1A$ receptors. <i>Psychopharmacology</i> , 2011, 213, 465-473.	1.5	145
351	The role of serotonin receptor subtypes in treating depression: a review of animal studies. <i>Psychopharmacology</i> , 2011, 213, 265-287.	1.5	206
352	KF-1 Ubiquitin Ligase: Anxiety Suppressor Model. <i>Cell Biochemistry and Biophysics</i> , 2011, 60, 69-75.	0.9	1
353	Role of the 5-HT 7 Receptor in the Central Nervous System: from Current Status to Future Perspectives. <i>Molecular Neurobiology</i> , 2011, 43, 228-253.	1.9	134
354	Transcriptional dysregulation of 5-HT $1A$ autoreceptors in mental illness. <i>Molecular Brain</i> , 2011, 4, 21.	1.3	112
355	The clinical implications of mouse models of enhanced anxiety. <i>Future Neurology</i> , 2011, 6, 531-571.	0.9	68
356	Serotonin-1A Autoreceptors Are Necessary and Sufficient for the Normal Formation of Circuits Underlying Innate Anxiety. <i>Journal of Neuroscience</i> , 2011, 31, 6008-6018.	1.7	169

#	ARTICLE	IF	CITATIONS
357	Serotonin 1A receptor-mediated signaling through ERK and PKC ζ is essential for normal synaptogenesis in neonatal mouse hippocampus. <i>Translational Psychiatry</i> , 2012, 2, e66-e66.	2.4	61
358	Stress-Induced Activation of the Dynorphin/ μ -Opioid Receptor System in the Amygdala Potentiates Nicotine Conditioned Place Preference. <i>Journal of Neuroscience</i> , 2012, 32, 1488-1495.	1.7	87
359	Hippocampal κ -SPARC regulates depression-related behavior. <i>Genes, Brain and Behavior</i> , 2012, 11, 966-976.	1.1	17
360	Primum Non Nocere: An Evolutionary Analysis of Whether Antidepressants Do More Harm than Good. <i>Frontiers in Psychology</i> , 2012, 3, 117.	1.1	93
361	Validation of the dimensionality emergence assay for the measurement of innate anxiety in laboratory mice. <i>European Neuropsychopharmacology</i> , 2012, 22, 153-163.	0.3	16
362	Cannabidiol injected into the bed nucleus of the stria terminalis reduces the expression of contextual fear conditioning via 5-HT _{1A} receptors. <i>Journal of Psychopharmacology</i> , 2012, 26, 104-113.	2.0	80
363	A biologically inspired action selection algorithm based on principles of neuromodulation. , 2012, , .		19
364	Genetic Mouse Models of Depression. <i>Current Topics in Behavioral Neurosciences</i> , 2012, 14, 55-78.	0.8	25
365	Interactions between corticotropin-releasing factor and the serotonin 1A receptor system on acoustic startle amplitude and prepulse inhibition of the startle response in two rat strains. <i>Neuropharmacology</i> , 2012, 62, 256-263.	2.0	12
366	Anxiolytic effects of 5-HT _{1A} receptors and anxiogenic effects of 5-HT _{2C} receptors in the amygdala of mice. <i>Neuropharmacology</i> , 2012, 62, 474-484.	2.0	63
367	Early intervention with fluoxetine reverses abnormalities in the serotonergic system and behavior of rats exposed prenatally to dexamethasone. <i>Neuropharmacology</i> , 2012, 63, 292-300.	2.0	53
368	Brain growth trajectories in mouse strains with central and peripheral serotonin differences: relevance to autism models. <i>Neuroscience</i> , 2012, 210, 286-295.	1.1	15
369	Mouse Testing Methods in Psychoneuroimmunology: An Overview of How to Measure Sickness, Depressive/Anxietal, Cognitive, and Physical Activity Behaviors. <i>Methods in Molecular Biology</i> , 2012, 934, 243-276.	0.4	22
370	Transcriptional regulation of the 5-HT _{1A} receptor: implications for mental illness. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 2402-2415.	1.8	102
371	Relationships among variables and their equilibrium values: caveats of time-less interpretation. <i>Biological Reviews</i> , 2012, 87, 275-289.	4.7	7
372	Prenatal lipopolysaccharide exposure increases anxiety-like behaviors and enhances stress-induced corticosterone responses in adult rats. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 459-468.	2.0	83
373	Maternal high-fat diet in mice programs emotional behavior in adulthood. <i>Behavioural Brain Research</i> , 2012, 233, 398-404.	1.2	144
374	The Role of Serotonin in Axon and Dendrite Growth. <i>International Review of Neurobiology</i> , 2012, 106, 105-126.	0.9	42

#	ARTICLE	IF	CITATIONS
375	Characterization of serotonin neurotransmission in knockout mice: implications for major depression. <i>Reviews in the Neurosciences</i> , 2012, 23, 429-43.	1.4	38
376	Subtle alterations in breathing and heart rate control in the 5-HT _{1A} receptor knockout mouse in early postnatal development. <i>Journal of Applied Physiology</i> , 2012, 113, 1585-1593.	1.2	24
377	Anxiolytic-Like Effects of <i>Chrysanthemum indicum</i> Aqueous Extract in Mice: Possible Involvement of GABA _A Receptors and 5-HT _{1A} Receptors. <i>Biomolecules and Therapeutics</i> , 2012, 20, 413-417.	1.1	10
378	Internalization of serotonin 5-HT _{1A} autoreceptors as an imaging biomarker of antidepressant response. <i>Environmental Sciences Europe</i> , 2012, 1, 239-245.	2.6	2
379	Increased Serotonin-1A (5-HT _{1A}) Autoreceptor Expression and Reduced Raphe Serotonin Levels in Deformed Epidermal Autoregulatory Factor-1 (Deaf-1) Gene Knock-out Mice. <i>Journal of Biological Chemistry</i> , 2012, 287, 6615-6627.	1.6	67
380	Role of the 5-HT _{1A} Serotonergic System in Anxiolytic-Like Effects of Silymarin. <i>Neurophysiology</i> , 2012, 44, 49-55.	0.2	14
381	Efficacy and safety of aripiprazole in child and adolescent patients. <i>European Child and Adolescent Psychiatry</i> , 2012, 21, 361-368.	2.8	41
382	Polymorphism of Serotonin 5-HT Receptors as the Basis of the Multifunctionality of Serotonin. <i>Neuroscience and Behavioral Physiology</i> , 2012, 42, 161-166.	0.2	1
383	Acute 5-HT _{1A} autoreceptor knockdown increases antidepressant responses and serotonin release in stressful conditions. <i>Psychopharmacology</i> , 2013, 225, 61-74.	1.5	64
384	Behavioral Neurobiology of Depression and Its Treatment. <i>Current Topics in Behavioral Neurosciences</i> , 2013, , .	0.8	4
385	Serotonin 1A autoreceptors are not sufficient to modulate anxiety in mice. <i>European Journal of Neuroscience</i> , 2013, 38, 2621-2627.	1.2	8
386	50 years of hurdles and hope in anxiolytic drug discovery. <i>Nature Reviews Drug Discovery</i> , 2013, 12, 667-687.	21.5	334
387	Gender differences in genetic mouse models evaluated for depressive-like and antidepressant behavior. <i>Pharmacological Reports</i> , 2013, 65, 1580-1590.	1.5	21
388	Genetic approaches for understanding the role of serotonin receptors in mood and behavior. <i>Current Opinion in Neurobiology</i> , 2013, 23, 399-406.	2.0	39
389	Serotonin 5-HT _{1A} Receptors as Targets for Agents to Treat Psychiatric Disorders: Rationale and Current Status of Research. <i>CNS Drugs</i> , 2013, 27, 703-716.	2.7	245
390	Determination of motor activity and anxiety-related behaviour in rodents: methodological aspects and role of nitric oxide. <i>Interdisciplinary Toxicology</i> , 2013, 6, 126-135.	1.0	235
391	Acute and chronic effects of selective serotonin reuptake inhibitor treatment on fear conditioning: Implications for underlying fear circuits. <i>Neuroscience</i> , 2013, 247, 253-272.	1.1	89
392	Anxiolytic effects of Julibroside C1 isolated from <i>Albizia julibrissin</i> in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 44, 184-192.	2.5	28

#	ARTICLE	IF	CITATIONS
393	Electrophysiological evidence for rapid 5-HT _{1A} autoreceptor inhibition by vilazodone, a 5-HT _{1A} receptor partial agonist and 5-HT reuptake inhibitor. <i>European Journal of Pharmacology</i> , 2013, 714, 359-365.	1.7	24
394	A Molecular Motor, KIF13A, Controls Anxiety by Transporting the Serotonin Type 1A Receptor. <i>Cell Reports</i> , 2013, 3, 509-519.	2.9	37
395	Neonatal lipopolysaccharide treatment has long-term effects on monoaminergic and cannabinoid receptors in the rat. <i>Synapse</i> , 2013, 67, 290-299.	0.6	25
396	5-HT _{1A} receptor as a key player in the brain 5-HT system. <i>Reviews in the Neurosciences</i> , 2013, 24, 1-14.	1.4	100
397	Rethinking 5-HT _{1A} Receptors: Emerging Modes of Inhibitory Feedback of Relevance to Emotion-Related Behavior. <i>ACS Chemical Neuroscience</i> , 2013, 4, 72-83.	1.7	76
398	Imaging the serotonin 1A receptor using [¹¹ C]WAY100635 in healthy controls and major depression. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120004.	1.8	53
399	Serotonergic Genes (5-HTT and HTR1A) and Separation Life Events: Gene-by-Environment Interaction for Panic Disorder. <i>Neuropsychobiology</i> , 2013, 67, 192-200.	0.9	22
400	The role of the serotonergic and GABA system in translational approaches in drug discovery for anxiety disorders. <i>Frontiers in Pharmacology</i> , 2013, 4, 74.	1.6	39
401	Lack of Tryptophan Hydroxylase-1 in Mice Results in Gait Abnormalities. <i>PLoS ONE</i> , 2013, 8, e59032.	1.1	16
402	Antidepressant activity: contribution of brain microdialysis in knock-out mice to the understanding of BDNF/5-HT transporter/5-HT autoreceptor interactions. <i>Frontiers in Pharmacology</i> , 2013, 4, 98.	1.6	17
403	A neurobotic platform to test the influence of neuromodulatory signaling on anxious and curious behavior. <i>Frontiers in Neurobotics</i> , 2013, 7, 1.	1.6	58
404	A Tale of Two Maladies? Pathogenesis of Depression with and without the Huntington's Disease Gene Mutation. <i>Frontiers in Neurology</i> , 2013, 4, 81.	1.1	28
405	A dynamic, embodied paradigm to investigate the role of serotonin in decision-making. <i>Frontiers in Integrative Neuroscience</i> , 2013, 7, 78.	1.0	10
406	Profile of aripiprazole in the treatment of bipolar disorder in children and adolescents. <i>Adolescent Health, Medicine and Therapeutics</i> , 2014, 5, 211.	0.7	10
407	Serotonin-prefrontal cortical circuitry in anxiety and depression phenotypes: pivotal role of pre- and post-synaptic 5-HT _{1A} receptor expression. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 199.	1.0	222
408	Optogenetic insights on the relationship between anxiety-related behaviors and social deficits. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 241.	1.0	120
410	Fresh approaches to antidepressant drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2014, 9, 407-421.	2.5	7
411	There is no association between the serotonin receptor gene and bipolar I disorder in the Korean population. <i>Nordic Journal of Psychiatry</i> , 2014, 68, 488-493.	0.7	3

#	ARTICLE	IF	CITATIONS
412	The functional $\hat{\sim}1019C/G$ HTR1A polymorphism and mechanisms of fear. <i>Translational Psychiatry</i> , 2014, 4, e490-e490.	2.4	37
413	<scp>NCAM</scp> deficiency in the mouse forebrain impairs innate and learned avoidance behaviours. <i>Genes, Brain and Behavior</i> , 2014, 13, 468-477.	1.1	11
414	Postnatal maintenance of the 5-Ht1a-Pet1 autoregulatory loop by serotonin in the raphe nuclei of the brainstem. <i>Molecular Brain</i> , 2014, 7, 48.	1.3	17
415	Synergistic Regulation of Glutamatergic Transmission by Serotonin and Norepinephrine Reuptake Inhibitors in Prefrontal Cortical Neurons. <i>Journal of Biological Chemistry</i> , 2014, 289, 25177-25185.	1.6	15
416	Neuronal ablation of p-Akt at Ser473 leads to altered 5-HT1A/2A receptor function. <i>Neurochemistry International</i> , 2014, 73, 113-121.	1.9	15
417	P5-HT1A receptors in mood and anxiety: recent insights into autoreceptor versus heteroreceptor function. <i>Psychopharmacology</i> , 2014, 231, 623-636.	1.5	172
418	Functional associations among G protein-coupled neurotransmitter receptors in the human brain. <i>BMC Neuroscience</i> , 2014, 15, 16.	0.8	10
419	Psychoneurobiochemistry of tourism marketing. <i>Tourism Management</i> , 2014, 44, 140-148.	5.8	53
420	Specific binding and characteristics of geissoschizine methyl ether, an indole alkaloid of <i>Uncaria Hook</i> , in the rat brain. <i>Journal of Ethnopharmacology</i> , 2014, 158, 264-270.	2.0	14
421	Descending Control of Itch Transmission by the Serotonergic System via 5-HT1A-Facilitated GRP-GRPR Signaling. <i>Neuron</i> , 2014, 84, 821-834.	3.8	106
422	Serotonin antagonists induce anxiolytic and anxiogenic-like behavior in zebrafish in a receptor-subtype dependent manner. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 126, 170-180.	1.3	61
423	Developmental Effects of Serotonin 1A Autoreceptors on Anxiety and Social Behavior. <i>Neuropsychopharmacology</i> , 2014, 39, 291-302.	2.8	72
424	Vertebrate Cone Opsins Enable Sustained and Highly Sensitive Rapid Control of G i/o Signaling in Anxiety Circuitry. <i>Neuron</i> , 2014, 81, 1263-1273.	3.8	96
425	Conditioned fear in low- and high-anxious rats is differentially regulated by cortical subcortical and midbrain 5-HT1A receptors. <i>Neuroscience</i> , 2014, 268, 159-168.	1.1	18
426	Adaptive changes in serotonin metabolism preserve normal behavior in mice with reduced TPH2 activity. <i>Neuropharmacology</i> , 2014, 85, 73-80.	2.0	35
427	Tests of unconditioned anxiety $\hat{\sim}$ Pitfalls and disappointments. <i>Physiology and Behavior</i> , 2014, 135, 55-71.	1.0	192
428	The utility of zebrafish to study the mechanisms by which ethanol affects social behavior and anxiety during early brain development. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 55, 94-100.	2.5	83
430	Use of aripiprazole for delirium in the elderly: a short review. <i>Psychogeriatrics</i> , 2015, 15, 75-84.	0.6	12

#	ARTICLE	IF	CITATIONS
431	Cannabinoid type-1 receptor signaling in central serotonergic neurons regulates anxiety-like behavior and sociability. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 235.	1.0	33
432	The role of the serotonin receptor subtypes 5-HT1A and 5-HT7 and its interaction in emotional learning and memory. <i>Frontiers in Pharmacology</i> , 2015, 6, 162.	1.6	110
433	Functional Selectivity and Antidepressant Activity of Serotonin 1A Receptor Ligands. <i>International Journal of Molecular Sciences</i> , 2015, 16, 18474-18506.	1.8	76
434	Anxious and Nonanxious Mice Show Similar Hippocampal Sensory Evoked Oscillations under Urethane Anesthesia: Difference in the Effect of Buspirone. <i>Neural Plasticity</i> , 2015, 2015, 1-9.	1.0	7
435	Involvement of Vascular Endothelial Growth Factor in Serotonin 1A Receptor-Mediated Neuroproliferation in Neonatal Mouse Hippocampus. <i>Advances in Experimental Medicine and Biology</i> , 2015, 842, 375-388.	0.8	5
436	Effects of intra-infralimbic prefrontal cortex injections of cannabidiol in the modulation of emotional behaviors in rats: Contribution of 5HT1A receptors and stressful experiences. <i>Behavioural Brain Research</i> , 2015, 286, 49-56.	1.2	52
437	Strain-Dependent Variations in Stress Coping Behavior Are Mediated by a 5-HT/GABA Interaction within the Prefrontal Corticolimbic System. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu074-pyu074.	1.0	22
438	Is serotonin an upper or a downer? The evolution of the serotonergic system and its role in depression and the antidepressant response. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 51, 164-188.	2.9	214
439	GABAergic Control of Depression-Related Brain States. <i>Advances in Pharmacology</i> , 2015, 73, 97-144.	1.2	107
440	Interaction of brain 5-HT synthesis deficiency, chronic stress and sex differentially impact emotional behavior in Tph2 knockout mice. <i>Psychopharmacology</i> , 2015, 232, 2429-2441.	1.5	83
441	Anxiety as a neurodevelopmental disorder in a neuronal subpopulation: Evidence from gene expression data. <i>Psychiatry Research</i> , 2015, 228, 729-740.	1.7	15
442	Activation of 5-HT1A receptors in the medial subdivision of the central nucleus of the amygdala produces anxiolytic effects in a rat model of Parkinson's disease. <i>Neuropharmacology</i> , 2015, 95, 181-191.	2.0	32
443	Treatment-resistant depression: are animal models of depression fit for purpose?. <i>Psychopharmacology</i> , 2015, 232, 3473-3495.	1.5	116
444	Deletion of GIRK2 Subunit of GIRK Channels Alters the 5-HT _{1A} Receptor-Mediated Signaling and Results in a Depression-Resistant Behavior. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyv051.	1.0	34
445	Effects of Silexan on the Serotonin-1A Receptor and Microstructure of the Human Brain: A Randomized, Placebo-Controlled, Double-Blind, Cross-Over Study with Molecular and Structural Neuroimaging. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu063-pyu063.	1.0	49
446	The role of prolactin in andrology: what is new?. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2015, 16, 233-248.	2.6	56
447	Biochemical Roles of Eukaryotic Cell Surface Macromolecules. <i>Advances in Experimental Medicine and Biology</i> , 2015, , .	0.8	4
448	Sex dependent reduction by prenatal stress of the expression of 5HT1A receptors in the prefrontal cortex and CRF type 2 receptors in the raphe nucleus in rats: reversal by citalopram. <i>Psychopharmacology</i> , 2015, 232, 1643-1653.	1.5	21

#	ARTICLE	IF	CITATIONS
449	Role of organic cation transporters (OCTs) in the brain. , 2015, 146, 94-103.		63
450	Monoamine-Sensitive Developmental Periods Impacting Adult Emotional and Cognitive Behaviors. <i>Neuropsychopharmacology</i> , 2015, 40, 88-112.	2.8	128
451	Involvement of 5-HT1A Receptors in the Anxiolytic-Like Effects of Quercitrin and Evidence of the Involvement of the Monoaminergic System. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-10.	0.5	13
452	Third Trimester Equivalent Alcohol Exposure Reduces Modulation of Glutamatergic Synaptic Transmission by 5-HT1A Receptors in the Rat Hippocampal CA3 Region. <i>Frontiers in Neuroscience</i> , 2016, 10, 266.	1.4	7
453	Prenatal stress alters diazepam withdrawal syndrome and 5HT1A receptor expression in the raphe nuclei of adult rats. <i>Neuroscience</i> , 2016, 330, 50-56.	1.1	6
454	<i>In utero</i> exposure to diesel exhaust particles induces anxiogenic effects on male offspring via chronic activation of serotonergic neuron in dorsal raphe nucleus. <i>Journal of Toxicological Sciences</i> , 2016, 41, 583-593.	0.7	10
455	MicroRNAâ€™s impact on neurotransmitter and neuropeptide systems: small but mighty mediators of anxiety. <i>Pflügers Archiv European Journal of Physiology</i> , 2016, 468, 1061-1069.	1.3	8
456	Dissociating the therapeutic effects of environmental enrichment and exercise in a mouse model of anxiety with cognitive impairment. <i>Translational Psychiatry</i> , 2016, 6, e794-e794.	2.4	43
457	Enriched environment ameliorates depression-induced cognitive deficits and restores abnormal hippocampal synaptic plasticity. <i>Neurobiology of Learning and Memory</i> , 2016, 134, 379-391.	1.0	55
458	Personality modulates proportions of CD4 + regulatory and effector T cells in response to socially induced stress in a rodent of wild origin. <i>Physiology and Behavior</i> , 2016, 167, 255-264.	1.0	12
459	The 5â€hydroxytryptamine ₄ receptor enables differentiation of informational content and encoding in the hippocampus. <i>Hippocampus</i> , 2016, 26, 875-891.	0.9	22
460	Prospects for the development of animal models of bipolar disorder. , 0, , 8-20.		0
461	Novel Targets for Drug Treatment in Psychiatry. , 2016, , 601-654.		0
462	Serotonin 1A and Serotonin 4 Receptors. <i>Neuroscientist</i> , 2016, 22, 26-45.	2.6	77
463	5-HT2C receptors in psychiatric disorders: A review. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 66, 120-135.	2.5	87
464	RGS6 as a Novel Therapeutic Target in CNS Diseases and Cancer. <i>AAPS Journal</i> , 2016, 18, 560-572.	2.2	27
465	Studies of the Effects of a Complex of Buspirone with Glycyrrhizic Acid on the Behavior of Mice during Formation of an Anxious-Depressive State. <i>Neuroscience and Behavioral Physiology</i> , 2016, 46, 153-159.	0.2	0
466	Maternal postpartum corticosterone and fluoxetine differentially affect adult male and female offspring on anxiety-like behavior, stress reactivity, and hippocampal neurogenesis. <i>Neuropharmacology</i> , 2016, 101, 165-178.	2.0	64

#	ARTICLE	IF	CITATIONS
467	The role of serotonergic, adrenergic and dopaminergic receptors in antidepressant-like effect. <i>Pharmacological Reports</i> , 2016, 68, 263-274.	1.5	63
468	Disruption of 5-HT 1A function in adolescence but not early adulthood leads to sustained increases of anxiety. <i>Neuroscience</i> , 2016, 321, 210-221.	1.1	22
469	Animal models of major depression and their clinical implications. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 64, 293-310.	2.5	276
470	How serotonin receptors regulate morphogenic signalling in neurons. <i>Progress in Neurobiology</i> , 2017, 151, 35-56.	2.8	86
471	Behavioral Phenotyping Assays for Genetic Mouse Models of Neurodevelopmental, Neurodegenerative, and Psychiatric Disorders. <i>Annual Review of Animal Biosciences</i> , 2017, 5, 371-389.	3.6	46
472	Single Administration of HBK-15â€”a Triple 5-HT1A, 5-HT7, and 5-HT3 Receptor Antagonistâ€”Reverses Depressive-Like Behaviors in Mouse Model of Depression Induced by Corticosterone. <i>Molecular Neurobiology</i> , 2018, 55, 3931-3945.	1.9	20
473	5-HT1A receptor: Role in the regulation of different types of behavior. <i>Russian Journal of Genetics: Applied Research</i> , 2017, 7, 109-120.	0.4	1
475	Anxiolytic effect of fatty acids and terpenes fraction from <i>Aloysia triphylla</i> : Serotonergic, GABAergic and glutamatergic implications. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 320-327.	2.5	15
476	Serotonin and brain function: a tale of two receptors. <i>Journal of Psychopharmacology</i> , 2017, 31, 1091-1120.	2.0	440
477	Serotonergic modulation of the activity of GLP-1 producing neurons in the nucleus of the solitary tract in mouse. <i>Molecular Metabolism</i> , 2017, 6, 909-921.	3.0	22
478	Perinatal westernâ€”type diet and associated gestational weight gain alter postpartum maternal mood. <i>Brain and Behavior</i> , 2017, 7, e00828.	1.0	19
479	Anxiogenic effects of a <i>Lactobacillus</i> , inulin and the synbiotic on healthy juvenile rats. <i>Neuroscience</i> , 2017, 359, 18-29.	1.1	28
480	HBK-15 protects mice from stress-induced behavioral disturbances and changes in corticosterone, BDNF, and NGF levels. <i>Behavioural Brain Research</i> , 2017, 333, 54-66.	1.2	18
481	HBK-14 and HBK-15 with antidepressant-like and/or memory-enhancing properties increase serotonin levels in the hippocampus after chronic treatment in mice. <i>Metabolic Brain Disease</i> , 2017, 32, 547-556.	1.4	15
482	Association of 5-HT1A Receptors with Affective Disorders. , 2017, , .		1
483	Investigating the Role of Serotonin in Methamphetamine Psychosis: Unaltered Behavioral Effects of Chronic Methamphetamine in 5-HT1A Knockout Mice. <i>Frontiers in Psychiatry</i> , 2017, 8, 61.	1.3	16
484	Marine Inspired 2-(5-Halo-1H-indol-3-yl)-N,N-dimethylethanamines as Modulators of Serotonin Receptors: An Example Illustrating the Power of Bromine as Part of the Uniquely Marine Chemical Space. <i>Marine Drugs</i> , 2017, 15, 248.	2.2	17
485	Neuromodulatory Systems and Their Interactions: A Review of Models, Theories, and Experiments. <i>Frontiers in Neural Circuits</i> , 2017, 11, 108.	1.4	152

#	ARTICLE	IF	CITATIONS
486	Modulation of hippocampal neuronal activity by So-ochim-tang-gamibang in mice subjected to chronic restraint stress. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 456.	3.7	4
487	Serotonin receptors in depression: from A to B. <i>F1000Research</i> , 2017, 6, 123.	0.8	121
488	The long-term effect of maternal dietary protein restriction on 5-HT1A receptor function and behavioral responses to stress in adulthood. <i>Behavioural Brain Research</i> , 2018, 349, 116-124.	1.2	13
489	Ketamine: A Promising Rapid-Acting Antidepressant. , 2018, , 223-239.		3
490	Experimental Animal Models for Depressive Disorders: Relevance to Drug Discovery. , 2018, , 221-231.		0
491	Interplay between the key proteins of serotonin system in SSRI antidepressants efficacy. <i>Expert Opinion on Therapeutic Targets</i> , 2018, 22, 319-330.	1.5	32
492	Assessing mouse behaviour throughout the light/dark cycle using automated in-cage analysis tools. <i>Journal of Neuroscience Methods</i> , 2018, 300, 37-47.	1.3	128
493	Behavior of Adult 5-HT1A Receptor Knockout Mice Exposed to Stress During Prenatal Development. <i>Neuroscience</i> , 2018, 371, 16-28.	1.1	8
494	Anxiety and psychosomatic symptoms in palliative care: from neuro-psychobiological response to stress, to symptomsâ€™ management with clinical hypnosis and meditative states. <i>Annals of Palliative Medicine</i> , 2018, 7, 75-111.	0.5	20
495	HBK-17, a 5-HT1A Receptor Ligand With Anxiolytic-Like Activity, Preferentially Activates β -Arrestin Signaling. <i>Frontiers in Pharmacology</i> , 2018, 9, 1146.	1.6	15
496	Neuronal nitric oxide synthase and affective disorders. <i>IBRO Reports</i> , 2018, 5, 116-132.	0.3	59
497	Distinct Phenotypes of Shank2 Mouse Models Reflect Neuropsychiatric Spectrum Disorders of Human Patients With SHANK2 Variants. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 240.	1.4	48
498	Mice exposed to bisphenol A exhibit depressive-like behavior with neurotransmitter and neuroactive steroid dysfunction. <i>Hormones and Behavior</i> , 2018, 102, 93-104.	1.0	46
499	Palmitoylation as a Functional Regulator of Neurotransmitter Receptors. <i>Neural Plasticity</i> , 2018, 2018, 1-18.	1.0	40
500	Mouse Testing Methods in Psychoneuroimmunology 2.0: Measuring Behavioral Responses. <i>Methods in Molecular Biology</i> , 2018, 1781, 221-258.	0.4	9
501	Serotonin receptors in depression and anxiety: Insights from animal studies. <i>Life Sciences</i> , 2018, 210, 106-124.	2.0	124
502	Social approach, anxiety, and altered tryptophan hydroxylase 2 activity in juvenile BALB/c and C57BL/6J mice. <i>Behavioural Brain Research</i> , 2019, 359, 918-926.	1.2	11
503	Dopamine D _{2L} Receptor Deficiency Causes Stress Vulnerability through 5-HT _{1A} Receptor Dysfunction in Serotonergic Neurons. <i>Journal of Neuroscience</i> , 2019, 39, 7551-7563.	1.7	10

#	ARTICLE	IF	CITATIONS
504	Ultrasonic vocalization sex differences in 5-HT-R deficient mouse pups: Predictive phenotypes associated with later-life anxiety-like behaviors. <i>Behavioural Brain Research</i> , 2019, 373, 112062.	1.2	11
505	Effects of Acupuncture on Chronic Stress-Induced Depression-Like Behavior and Its Central Neural Mechanism. <i>Frontiers in Psychology</i> , 2019, 10, 1353.	1.1	30
506	Serotonin and feeding regulation. , 2019, , 225-268.		0
507	Serotonin Regulation of the Prefrontal Cortex: Cognitive Relevance and the Impact of Developmental Perturbation. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3078-3093.	1.7	31
508	Novel objects elicit greater activation in the basolateral complex of the amygdala of wild rats compared with laboratory rats. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 1121-1128.	0.3	8
509	Enhanced activity of pyramidal neurons in the infralimbic cortex drives anxiety behavior. <i>PLoS ONE</i> , 2019, 14, e0210949.	1.1	30
510	Functional Interrogation of a Depression-Related Serotonergic Single Nucleotide Polymorphism, rs6295, Using a Humanized Mouse Model. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3197-3206.	1.7	12
511	Downregulation of HTR1A modulated ACC activation contributes to stress-induced visceral hyperalgesia in rats. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13620.	1.6	7
512	Sex-Dependent Modulation of Anxiety and Fear by 5-HT _{1A} Receptors in the Bed Nucleus of the Stria Terminalis. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3154-3166.	1.7	22
513	CRISPR/Cas9-mediated in vivo gene editing reveals that neuronal 5-HT _{1A} receptors in the dorsal raphe nucleus contribute to body temperature regulation in mice. <i>Brain Research</i> , 2019, 1719, 243-252.	1.1	7
514	Detailed chemical characterization and molecular modeling of serotonin inclusion complex with unmodified β-cyclodextrin. <i>Heliyon</i> , 2019, 5, e01405.	1.4	14
515	Hippocampal activation of 5-HT _{1B} receptors and BDNF production by vagus nerve stimulation in rats under chronic restraint stress. <i>European Journal of Neuroscience</i> , 2019, 50, 1820-1830.	1.2	29
516	hsa-miR-3177-5p and hsa-miR-3178 Inhibit 5-HT _{1A} Expression by Binding the 3'-UTR Region in vitro. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 13.	1.4	5
517	Gene knockout animal models of depression, anxiety and obsessive compulsive disorders. <i>Psychiatric Genetics</i> , 2019, 29, 191-199.	0.6	15
518	Tobacco smoke and ethanol during adolescence: Both combined- and single-drug exposures lead to short- and long-term disruption of the serotonergic system in the mouse brain. <i>Brain Research Bulletin</i> , 2019, 146, 94-103.	1.4	11
519	Brain Serotonin and Energy Homeostasis. , 2019, , 307-334.		1
520	Risk assessment and serotonin: Animal models and human psychopathologies. <i>Behavioural Brain Research</i> , 2019, 357-358, 9-17.	1.2	9
521	4-Nonylphenol and 4-tert-octylphenol induce anxiety-related behaviors through alternation of 5-HT receptors and transporters in the prefrontal cortex. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 230, 108701.	1.3	9

#	ARTICLE	IF	CITATIONS
522	Comprehensive Physico-Chemical Characterization of a Serotonin Inclusion Complex with 2-Hydroxypropyl- β -Cyclodextrin. <i>Journal of Solution Chemistry</i> , 2020, 49, 915-944.	0.6	8
523	Genetic Background Underlying 5-HT1A Receptor Functioning Affects the Response to Fluoxetine. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8784.	1.8	15
524	Phenotyping in Mice Using Continuous Home Cage Monitoring and Ultrasonic Vocalization Recordings. <i>Current Protocols in Mouse Biology</i> , 2020, 10, e80.	1.2	11
525	A novel immunocompetent model of metastatic prostate cancer-induced bone pain. <i>Prostate</i> , 2020, 80, 782-794.	1.2	6
526	Effects of Maternal Stress on Measures of Anxiety and Fearfulness in Different Strains of Laying Hens. <i>Frontiers in Veterinary Science</i> , 2020, 7, 128.	0.9	25
527	Structure and function of serotonin GPCR heteromers. <i>Handbook of Behavioral Neuroscience</i> , 2020, 31, 217-238.	0.7	1
528	Serotonin in panic and anxiety disorders. <i>Handbook of Behavioral Neuroscience</i> , 2020, , 611-633.	0.7	7
529	Revisiting the behavioral genetics of serotonin: relevance to anxiety and depression. <i>Handbook of Behavioral Neuroscience</i> , 2020, , 665-709.	0.7	6
530	Large-scale network dynamics in neural response to emotionally negative stimuli linked to serotonin 1A binding in major depressive disorder. <i>Molecular Psychiatry</i> , 2021, 26, 2393-2401.	4.1	11
531	IntelliCage as a tool for measuring mouse behavior – 20 years perspective. <i>Behavioural Brain Research</i> , 2020, 388, 112620.	1.2	71
532	Long term effects of early life stress on HPA circuit in rodent models. <i>Molecular and Cellular Endocrinology</i> , 2021, 521, 111125.	1.6	11
533	Models for Assessing Anxiety and Depression in Multiple Sclerosis: from Mouse to Man. <i>Neuroinformatics</i> , 2021, , 183-195.	0.2	0
534	Genetics of Stress Responsiveness. , 2021, , 167-177.		0
535	GPCR signaling: role in mediating the effects of early adversity in psychiatric disorders. <i>FEBS Journal</i> , 2021, 288, 2602-2621.	2.2	14
536	New dual 5-HT1A and 5-HT7 receptor ligands derived from SYA16263. <i>European Journal of Medicinal Chemistry</i> , 2021, 214, 113243.	2.6	6
537	Potential of an aqueous extract of <i>Lippia multiflora</i> Moldenke (Verbenaceae) in the treatment of anxiety disorders: Possible involvement of serotonergic transmission. <i>GSC Biological and Pharmaceutical Sciences</i> , 2021, 14, 277-289.	0.1	1
538	Chemogenetics drives paradigm change in the investigation of behavioral circuits and neural mechanisms underlying drug action. <i>Behavioural Brain Research</i> , 2021, 406, 113234.	1.2	16
539	N-(3-{4-[3-(trifluoromethyl)phenyl]piperazin-1-yl}propyl)-1H-indazole-3-carboxamide (D2AAK3) as a potential antipsychotic: In vitro, in silico and in vivo evaluation of a multi-target ligand. <i>Neurochemistry International</i> , 2021, 146, 105016.	1.9	10

#	ARTICLE	IF	CITATIONS
540	Environment-Sensitive Fluorescence of 7-Nitrobenz-2-oxa-1,3-diazol-4-yl (NBD)-Labeled Ligands for Serotonin Receptors. <i>Molecules</i> , 2021, 26, 3848.	1.7	5
541	Therapeutic potential of targeting G protein-gated inwardly rectifying potassium (GIRK) channels in the central nervous system. , 2021, 223, 107808.		49
542	5-HT Receptors and the Development of New Antidepressants. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9015.	1.8	38
543	Cholesterol footprint in high-resolution structures of serotonin receptors: Where are we now and what does it mean?. <i>Chemistry and Physics of Lipids</i> , 2021, 239, 105120.	1.5	6
544	Cannabinoids: Revealing their complexity and role in central networks of fear and anxiety. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 30-46.	2.9	4
546	Genetic Alterations of the Murine Serotonergic Gene Pathway: The Neurodevelopmental Basis of Anxiety. , 2005, , 71-112.		17
547	Anxiety and Insomnia. , 2008, , 105-127.		6
548	Advances in the Study of Cognition, Behavioural Priorities and Emotions. <i>Animal Welfare</i> , 2009, , 47-94.	1.0	12
549	Promises and Limitations of Transgenic and Knockout Mice in Modeling Psychiatric Symptoms. <i>Neurobiological Foundation of Aberrant Behaviors</i> , 2000, , 55-77.	0.2	3
550	Transgenic Mouse Models and Human Psychiatric Disease. <i>Contemporary Clinical Neuroscience</i> , 2006, , 25-43.	0.3	2
551	5-HT7 Receptors as Favorable Pharmacological Targets for Drug Discovery. , 2006, , 517-535.		3
552	Effects of Serotonin-Related Gene Deletion on Measures of Anxiety, Depression, and Neurotransmission. , 2006, , 577-606.		5
553	Biological Theories of Depression and Implications for Current and New Treatments. , 2011, , 1-32.		2
554	Modeling Stress and Anxiety in Zebrafish. <i>Neuromethods</i> , 2011, , 73-88.	0.2	33
555	Functions of GABAA-Receptors: Pharmacology and Pathophysiology. <i>Handbook of Experimental Pharmacology</i> , 2001, , 101-116.	0.9	18
556	Molecular and Imaging Genetic Markers in Panic Disorder. , 2009, , 161-171.		3
557	Translational Studies in the Complex Role of Neurotransmitter Systems in Anxiety and Anxiety Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1191, 121-140.	0.8	16
558	Animal Research in Psychiatry. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1192, 283-296.	0.8	1

#	ARTICLE	IF	CITATIONS
559	Ablation of olfactory bulb glutamatergic neurons induces depressive-like behaviors and sleep disturbances in mice. <i>Psychopharmacology</i> , 2020, 237, 2517-2530.	1.5	11
560	Stress and Anxiety Disorders. , 2002, , 443-465.		6
561	Evolutionary Ethics and Contemporary Biology. , 2006, , .		14
562	5-HT1A receptor and 5-HT1B receptor knockout mice in stress and anxiety paradigms. <i>Behavioural Pharmacology</i> , 2003, 14, 369-83.	0.8	56
563	International Union of Basic and Clinical Pharmacology. CX. Classification of Receptors for 5-hydroxytryptamine; Pharmacology and Function. <i>Pharmacological Reviews</i> , 2021, 73, 310-520.	7.1	127
564	Decreased anxiety-like behavior, reduced stress hormones, and neurosteroid supersensitivity in mice lacking protein kinase C μ . <i>Journal of Clinical Investigation</i> , 2002, 110, 1003-1010.	3.9	58
565	Decreased anxiety-like behavior, reduced stress hormones, and neurosteroid supersensitivity in mice lacking protein kinase C μ . <i>Journal of Clinical Investigation</i> , 2002, 110, 1003-1010.	3.9	114
566	The 5-HT 1A Receptor. <i>Frontiers in Neuroscience</i> , 2007, , 133-155.	0.0	8
568	Phenotypic Characterization of a Genetically Diverse Panel of Mice for Behavioral Despair and Anxiety. <i>PLoS ONE</i> , 2010, 5, e14458.	1.1	65
569	Stress-Induced Susceptibility to Sudden Cardiac Death in Mice with Altered Serotonin Homeostasis. <i>PLoS ONE</i> , 2012, 7, e41184.	1.1	30
570	Enduring Effects of Early Life Stress on Firing Patterns of Hippocampal and Thalamocortical Neurons in Rats: Implications for Limbic Epilepsy. <i>PLoS ONE</i> , 2013, 8, e66962.	1.1	21
571	Severity classification of repeated isoflurane anesthesia in C57BL/6J mice – Assessing the degree of distress. <i>PLoS ONE</i> , 2017, 12, e0179588.	1.1	118
572	Reward and adversity processing circuits: their competition and interactions with dopamine and serotonin signaling. <i>ScienceOpen Research</i> , 2014, .	0.6	1
573	Genetic models to study adult neurogenesis.. <i>Acta Biochimica Polonica</i> , 2005, 52, 359-372.	0.3	6
574	Transcriptional Dys-regulation in Anxiety and Major Depression: 5-HT1A Gene Promoter Architecture as a Therapeutic Opportunity. <i>Current Pharmaceutical Design</i> , 2014, 20, 3738-3750.	0.9	38
575	Genetically Modified Mice as Tools to Understand the Neurobiological Substrates of Depression. <i>Current Pharmaceutical Design</i> , 2014, 20, 3718-3737.	0.9	2
576	Assessing the Neuronal Serotonergic Target-based Antidepressant Stratagem: Impact of In Vivo Interaction Studies and Knockout Models. <i>Current Neuropharmacology</i> , 2008, 6, 215-234.	1.4	9
577	5-HT1A Receptor Null Mutant Mice Responding Under a Differential-Reinforcement-of-Low-Rate 72-Second Schedule of Reinforcement. <i>The Open Neuropsychopharmacology Journal</i> , 2008, 1, 24-32.	0.3	6

#	ARTICLE	IF	CITATIONS
578	The psychobiology of resilience and vulnerability to anxiety disorders: implications for prevention and treatment. <i>Dialogues in Clinical Neuroscience</i> , 2003, 5, 207-221.	1.8	27
579	Experimental animal models for the simulation of depression and anxiety. <i>Dialogues in Clinical Neuroscience</i> , 2006, 8, 323-333.	1.8	56
580	Potential rat model of anxiety-like gastric hypersensitivity induced by sequential stress. <i>World Journal of Gastroenterology</i> , 2017, 23, 7594-7608.	1.4	16
581	A Brief Summary for 5-HT Receptors. <i>Journal of Genetic Syndromes & Gene Therapy</i> , 2013, 04, .	0.2	1
582	The Effects of 5-HTR1A Polymorphism on Cingulum Connectivity in Patients with Panic Disorder. <i>Psychiatry Investigation</i> , 2013, 10, 399.	0.7	7
583	Effect of DA-9701 on Colorectal Distension-Induced Visceral Hypersensitivity in a Rat Model. <i>Gut and Liver</i> , 2014, 8, 388-393.	1.4	7
584	The Freud-1/CC2D1A Family: Multifunctional Regulators Implicated in Mental Retardation. , 0, , .		2
585	The dorsal raphe nucleus in the control of energy balance. <i>Trends in Neurosciences</i> , 2021, 44, 946-960.	4.2	14
586	Laboratory models of anxiety. , 2002, , 249-286.		0
587	Biological basis of anxiety and strategies for pharmacological innovation. , 2002, , 31-66.		0
588	Biological Theories of Depression and Implications for Current and New Treatments. , 2004, , 1-32.		2
589	Serotonin System Gene Knockouts. <i>Receptors</i> , 2006, , 537-575.	0.2	2
590	Serotonergic Regulation of NMDA Receptor Trafficking and Function in Prefrontal Cortex. , 2007, , 91-101.		0
591	Use of Mice with Targeted Genetic Inactivation in the Serotonergic System for the Study of Anxiety. <i>Frontiers in Neuroscience</i> , 2007, , 181-195.	0.0	0
593	Genetic Animal Models of Anxiety. <i>Neuromethods</i> , 2010, , 179-189.	0.2	0
594	Neural Foundations of Major Depression: Classical Approaches and New Frontiers. , 2011, , 90-107.		0
597	Genetics of Anxiety Disorders. <i>Anxiety Disorder Research</i> , 2014, 5, 73-84.	0.0	0
598	Tests for Anxiolytic Activity. , 2015, , 1-175.		0

#	ARTICLE	IF	CITATIONS
600	Tests for Anxiolytic Activity. , 2016, , 1069-1214.		0
601	Tests for Anxiolytic Activity. , 2017, , 1-173.		0
602	Neuronale Mechanismen der Emotion. , 2018, , 663-694.		0
604	Novel Mechanisms of Drug Treatment in Psychiatry. , 2008, , 519-534.		0
606	Mood-related behavioral and neurochemical alterations in mice exposed to low chlorpyrifos levels during the brain growth spurt. PLoS ONE, 2020, 15, e0239017.	1.1	6
607	The therapeutic role of 5-HT1A and 5-HT2A receptors in depression. Journal of Psychiatry and Neuroscience, 2004, 29, 252-65.	1.4	292
608	Possible Modulation of the Anxiogenic Effects of Vitex Agnus-castus by the Serotonergic System. Iranian Journal of Basic Medical Sciences, 2012, 15, 768-76.	1.0	3
610	The selective 5-HT1A receptor agonist NLX-112 displays anxiolytic-like activity in mice. Naunyn-Schmiedeberg's Archives of Pharmacology, 2022, 395, 149-157.	1.4	4
611	Serotonin 1A Receptor Binding of [11C]CUMI-101 in Bipolar Depression Quantified using Positron Emission Tomography: Relationship to Psychopathology and Antidepressant Response. International Journal of Neuropsychopharmacology, 2022, , .	1.0	2
614	Effects of a Cc2d1a/Freud-1 Knockdown in the Hippocampus on Behavior, the Serotonin System, and BDNF. International Journal of Molecular Sciences, 2021, 22, 13319.	1.8	6
615	Serotonin Receptor and Transporter Endocytosis Is an Important Factor in the Cellular Basis of Depression and Anxiety. Frontiers in Cellular Neuroscience, 2021, 15, 804592.	1.8	3
616	Improved Serotonin Measurement with Fast-Scan Cyclic Voltammetry: Mitigating Fouling by SSRIs. Journal of the Electrochemical Society, 2022, 169, 045501.	1.3	8
617	5-HT Receptors and Temperature Homeostasis. Biomolecules, 2021, 11, 1914.	1.8	14
622	Genetic Dissection of Anxiety and Related Disorders. , 0, , 229-250.		0
624	Design Principles for Neurorobotics. Frontiers in Neurorobotics, 2022, 16, .	1.6	2
627	Serotonin and consciousness â€“ A reappraisal. Behavioural Brain Research, 2022, 432, 113970.	1.2	4
628	Effect of the dietary intake of fish oil on psycho-social behavioral disorder caused by social-defeat stress. Physiology and Behavior, 2022, 254, 113913.	1.0	0
630	Serotonin-1A receptor, a psychiatric disease risk factor, influences offspring immunity via sex-dependent genetic nurture. IScience, 2022, 25, 105595.	1.9	2

#	ARTICLE	IF	CITATIONS
631	Baicalein exerts anxiolytic and antinociceptive effects in a mouse model of posttraumatic stress disorder: Involvement of the serotonergic system and spinal delta-opioid receptors. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2023, 122, 110689.	2.5	3
632	On Associations between Fear-Induced Aggression, Bdnf Transcripts, and Serotonin Receptors in the Brains of Norway Rats: An Influence of Antiaggressive Drug TC-2153. <i>International Journal of Molecular Sciences</i> , 2023, 24, 983.	1.8	2
633	Early-Life Exposure to Traffic-Related Air Pollutants Induced Anxiety-like Behaviors in Rats via Neurotransmitters and Neurotrophic Factors. <i>International Journal of Molecular Sciences</i> , 2023, 24, 586.	1.8	2
634	Discovery of novel arylpiperazine-based DA/5-HT modulators as potential antipsychotic agents “ Design, synthesis, structural studies and pharmacological profiling. <i>European Journal of Medicinal Chemistry</i> , 2023, 252, 115285.	2.6	1
640	Neurobiology of Anxiety Disorders. , 2023, , 1-43.		0