Prefrontal Cortical Circuit for Depression- and Anxiety-Cholecystokinin: Role of Î”FosB

Journal of Neuroscience

34, 3878-3887

DOI: 10.1523/jneurosci.1787-13.2014

Citation Report

#	Article	IF	Citations
1	Optogenetics: illuminating the neural bases of rodent behavior. Open Access Animal Physiology, 2014, , 33.	0.3	0
2	Subcircuit-specific neuromodulation in the prefrontal cortex. Frontiers in Neural Circuits, 2014, 8, 54.	1.4	90
3	Optogenetic dissection of medial prefrontal cortex circuitry. Frontiers in Systems Neuroscience, 2014, 8, 230.	1.2	179
4	Optogenetics in preclinical neuroscience and psychiatry research: recent insights and potential applications. Neuropsychiatric Disease and Treatment, 2014, 10, 1369.	1.0	12
5	Sexâ€specific behavioral traits in the Brd2 mouse model of juvenile myoclonic epilepsy. Genes, Brain and Behavior, 2014, 13, 702-712.	1.1	19
6	Pathological circuit function underlying addiction and anxiety disorders. Nature Neuroscience, 2014, 17, 1635-1643.	7.1	170
7	Prefrontal cortex reactivity underlies trait vulnerability to chronic social defeat stress. Nature Communications, 2014, 5, 4537.	5.8	104
8	Molecular neurobiology of addiction: whatâ€™s all the (Î”)FosB about?. American Journal of Drug and Alcohol Abuse, 2014, 40, 428-437.	1.1	68
9	Left brain cortical activity modulates stress effects on social behavior. Scientific Reports, 2015, 5, 13342.	1.6	37
10	The Effects of Psychological Stress on Depression. Current Neuropharmacology, 2015, 13, 494-504.	1.4	363
11	Acute Treatment with a Novel TRPC4/C5 Channel Inhibitor Produces Antidepressant and Anxiolytic-Like Effects in Mice. PLoS ONE, 2015, 10, e0136255.	1.1	44
12	Ventral hippocampal afferents to the nucleus accumbens regulate susceptibility to depression. Nature Communications, 2015, 6, 7062.	5.8	356
13	Excitatory transmission at thalamo-striatal synapses mediates susceptibility to social stress. Nature Neuroscience, 2015, 18, 962-964.	7.1	86
14	Lipo-oxytocin-1, a Novel Oxytocin Analog Conjugated with Two Palmitoyl Groups, Has Long-Lasting Effects on Anxiety-Related Behavior and Social Avoidance in CD157 Knockout Mice. Brain Sciences, 2015, 5, 3-13.	1.1	37
15	Brain 5-HT deficiency increases stress vulnerability and impairs antidepressant responses following psychosocial stress. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2557-2562.	3.3	95
16	âˆ†FosB: A transcriptional regulator of stress and antidepressant responses. European Journal of Pharmacology, 2015, 753, 66-72.	1.7	146
17	Effect of antidepressant drugs on the vmPFC-limbic circuitry. Neuropharmacology, 2015, 92, 116-124.	2.0	21
18	Repeated forced swim stress prior to complete Freundâ€™s adjuvant injection enhances mechanical hyperalgesia and attenuates the expression of pCREB and Î”FosB and the acetylation of histone H3 in the insular cortex of rat. Neuroscience, 2015, 301, 12-25.	1.1	26

#	Article	IF	Citations
19	Anhedonia and the Brain Reward Circuitry in Depression. Current Behavioral Neuroscience Reports, 2015, 2, 146-153.	0.6	164
20	Neurobiological mechanisms supporting experience-dependent resistance to social stress. Neuroscience, 2015, 291, 1-14.	1.1	26
21	An excitatory synapse hypothesis of depression. Trends in Neurosciences, 2015, 38, 279-294.	4.2	221
22	Brain transcriptome profiles in mouse model simulating features of post-traumatic stress disorder. Molecular Brain, 2015, 8, 14.	1.3	43
23	Antidepressant action of HDAC inhibition in the prefrontal cortex. Neuroscience, 2015, 298, 329-335.	1.1	65
24	Ketamine Strengthens CRF-Activated Amygdala Inputs to Basal Dendrites in mPFC Layer V Pyramidal Cells in the Prelimbic but not Infralimbic Subregion, A Key Suppressor of Stress Responses. Neuropsychopharmacology, 2015, 40, 2066-2075.	2.8	51
25	Alterations in brain-derived neurotrophic factor (BDNF) and its precursor proBDNF in the brain regions of a learned helplessness rat model and the antidepressant effects of a TrkB agonist and antagonist. European Neuropsychopharmacology, 2015, 25, 2449-2458.	0.3	118
26	Role of the Brain's Reward Circuitry in Depression. International Review of Neurobiology, 2015, 124, 151-170.	0.9	80
27	Experience-Dependent Induction of Hippocampal Î”FosB Controls Learning. Journal of Neuroscience, 2015, 35, 13773-13783.	1.7	85
28	RGS9-2â€“controlled adaptations in the striatum determine the onset of action and efficacy of antidepressants in neuropathic pain states. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5088-97.	3.3	32
29	Deactivation of excitatory neurons in the prelimbic cortex via Cdk5 promotes pain sensation and anxiety. Nature Communications, 2015, 6, 7660.	5.8	167
30	Differential induction of FosB isoforms throughout the brain by fluoxetine and chronic stress. Neuropharmacology, 2015, 99, 28-37.	2.0	64
31	Aberrant function of frontoamygdala circuits in adolescents with previous verbal abuse experiences. Neuropsychologia, 2015, 79, 76-85.	0.7	37
32	Nucleus Accumbens Medium Spiny Neuron Subtypes Mediate Depression-Related Outcomes to Social Defeat Stress. Biological Psychiatry, 2015, 77, 212-222.	0.7	302
33	Illuminating circuitry relevant to psychiatric disorders with optogenetics. Current Opinion in Neurobiology, 2015, 30, 9-16.	2.0	76
34	Cortical-Subcortical Interactions in Depression: From Animal Models to Human Psychopathology. Frontiers in Systems Neuroscience, 2016, 10, 20.	1.2	59
35	Chronic Stress Is Associated with Pain Precipitation and Elevation in DeltaFosb Expression. Frontiers in Pharmacology, 2016, 7, 138.	1.6	13
36	Social functioning in major depressive disorder. Neuroscience and Biobehavioral Reviews, 2016, 69, 313-332.	2.9	418

#	Article	IF	Citations
37	N-acetylcysteine treatment blocks the development of ethanol-induced behavioural sensitization and related Î”FosB alterations. Neuropharmacology, 2016, 110, 135-142.	2.0	23
38	Early Development of Parvalbumin-, Somatostatin-, and Cholecystokinin-Expressing Neurons in Rat Brain following Prenatal Immune Activation and Maternal Iron Deficiency. Developmental Neuroscience, 2016, 38, 342-353.	1.0	17
39	The recovery trajectory of adolescent social defeat stress-induced behavioral, 1H-MRS metabolites and myelin changes in Balb/c mice. Scientific Reports, 2016, 6, 27906.	1.6	26
40	Altered behavior and neural activity in conspecific cagemates co-housed with mouse models of brain disorders. Physiology and Behavior, 2016, 163, 167-176.	1.0	19
41	EphB2 in the Medial Prefrontal Cortex Regulates Vulnerability to Stress. Neuropsychopharmacology, 2016, 41, 2541-2556.	2.8	44
42	Circuit-wide Transcriptional Profiling Reveals Brain Region-Specific Gene Networks Regulating Depression Susceptibility. Neuron, 2016, 90, 969-983.	3.8	272
43	Persistent post-stroke depression in mice following unilateral medial prefrontal cortical stroke. Translational Psychiatry, 2016, 6, e863-e863.	2.4	69
44	Repeated forced swim stress affects the expression of pCREB and Î”FosB and the acetylation of histone H3 in the rostral ventromedial medulla and locus coeruleus. Brain Research Bulletin, 2016, 127, 11-22.	1.4	10
45	Chronic stress and moderate physical exercise prompt widespread common activation and limited differential activation in specific brain regions. Neurochemistry International, 2016, 99, 252-261.	1.9	15
46	Ventral Tegmental Area Dopamine Cell Activation during Male Rat Sexual Behavior Regulates Neuroplasticity and d-Amphetamine Cross-Sensitization following Sex Abstinence. Journal of Neuroscience, 2016, 36, 9949-9961.	1.7	29
47	Sensitivity of the prefrontal GABAergic system to chronic stress in male and female mice: Relevance for sex differences in stress-related disorders. Neuroscience, 2016, 332, 1-12.	1.1	90
48	Reduction of Cocaine-Induced Locomotor Effects by Enriched Environment Is Associated with Cell-Specific Accumulation of Î”FosB in Striatal and Cortical Subregions. International Journal of Neuropsychopharmacology, 2017, 20, pyw097.	1.0	8
49	Support for the efficacy of behavioural activation in treating anxiety in breast cancer patients. Clinical Psychologist, 2016, 20, 17-26.	0.5	14
50	Dysregulation of Prefrontal Cortex-Mediated Slow-Evolving Limbic Dynamics Drives Stress-Induced Emotional Pathology. Neuron, 2016, 91, 439-452.	3.8	98
51	The effects of gestational stress and Selective Serotonin reuptake inhibitor antidepressant treatment on structural plasticity in the postpartum brain â€" A translational model for postpartum depression. Hormones and Behavior, 2016, 77, 124-131.	1.0	40
52	Pathogenesis of depression: Insights from human and rodent studies. Neuroscience, 2016, 321, 138-162.	1.1	383
53	Involvement of TLR4 in the long-term epigenetic changes, rewarding and anxiety effects induced by intermittent ethanol treatment in adolescence. Brain, Behavior, and Immunity, 2016, 53, 159-171.	2.0	113
54	A novel approach to PTSD modeling in rats reveals alternating patterns of limbic activity in different types of stress reaction. Molecular Psychiatry, 2016, 21, 630-641.	4.1	70

#	Article	IF	Citations
55	Neuroanatomic Differences Associated With Stress Susceptibility and Resilience. Biological Psychiatry, 2016, 79, 840-849.	0.7	132
56	Ketamine as a Prophylactic Against Stress-Induced Depressive-like Behavior. Biological Psychiatry, 2016, 79, 776-786.	0.7	201
57	Animal models of major depression and their clinical implications. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2016, 64, 293-310.	2.5	276
58	Ketamine and Imipramine Reverse Transcriptional Signatures of Susceptibility and Induce Resilience-Specific Gene Expression Profiles. Biological Psychiatry, 2017, 81, 285-295.	0.7	118
59	Exposure to prolonged controllable or uncontrollable stress affects GABAergic function in sub-regions of the hippocampus and the amygdala. Neurobiology of Learning and Memory, 2017, 138, 271-280.	1.0	14
60	Neural Substrates of Depression and Resilience. Neurotherapeutics, 2017, 14, 677-686.	2.1	139
61	Comparison of the VTA and LC response to methylphenidate: a concomitant behavioral and neuronal study of adolescent male rats. Journal of Neurophysiology, 2017, 118, 1501-1514.	0.9	12
62	Dominance status alters restraint-induced neural activity in brain regions controlling stress vulnerability. Physiology and Behavior, 2017, 179, 153-161.	1.0	10
63	Metabolomics reveals distinct neurochemical profiles associated with stress resilience. Neurobiology of Stress, 2017, 7, 103-112.	1.9	25
64	Comparison of chronic physical and emotional social defeat stress effects on mesocorticolimbic circuit activation and voluntary consumption of morphine. Scientific Reports, 2017, 7, 8445.	1.6	29
65	Molecular basis of dendritic atrophy and activity in stress susceptibility. Molecular Psychiatry, 2017, 22, 1512-1519.	4.1	78
66	Adolescence and Reward: Making Sense of Neural and Behavioral Changes Amid the Chaos. Journal of Neuroscience, 2017, 37, 10855-10866.	1.7	122
67	Brain activation induced by chronic psychosocial stress in mice. Scientific Reports, 2017, 7, 15061.	1.6	64
68	Addressing sufficiency of the CB1 receptor for endocannabinoid-mediated functions through conditional genetic rescue in forebrain GABAergic neurons. Brain Structure and Function, 2017, 222, 3431-3452.	1.2	29
69	Chronic stress affects the number of GABAergic neurons in the orbitofrontal cortex of rats. Behavioural Brain Research, 2017, 316, 104-114.	1.2	35
70	Emerging Role for Nucleus Accumbens Medium Spiny Neuron Subtypes in Depression. Biological Psychiatry, 2017, 81, 645-653.	0.7	169
71	Biological markers for anxiety disorders, OCD and PTSD: A consensus statement. Part II: Neurochemistry, neurophysiology and neurocognition. World Journal of Biological Psychiatry, 2017, 18, 162-214.	1.3	226
72	Palmitoylethanolamide Reduces Neuropsychiatric Behaviors by Restoring Cortical Electrophysiological Activity in a Mouse Model of Mild Traumatic Brain Injury. Frontiers in Pharmacology, 2017, 08, 95.	1.6	58

#	Article	IF	Citations
73	Reward Network Immediate Early Gene Expression in Mood Disorders. Frontiers in Behavioral Neuroscience, 2017, 11, 77.	1.0	23
74	Beyond Neuronal Activity Markers: Select Immediate Early Genes in Striatal Neuron Subtypes Functionally Mediate Psychostimulant Addiction. Frontiers in Behavioral Neuroscience, 2017, 11, 112.	1.0	42
75	Effects of Social Defeat Stress on Sleep in Mice. Frontiers in Behavioral Neuroscience, 2017, 11, 227.	1.0	45
76	Tryptophan overloading activates brain regions involved with cognition, mood and anxiety. Anais Da Academia Brasileira De Ciencias, 2017, 89, 273-283.	0.3	5
77	Ventral CA3 Activation Mediates Prophylactic Ketamine Efficacy Against Stress-Induced Depressive-like Behavior. Biological Psychiatry, 2018, 84, 846-856.	0.7	71
78	Stress Impacts the Regulation Neuropeptides in the Rat Hippocampus and Prefrontal Cortex. Proteomics, 2018, 18, e1700408.	1.3	24
79	Juvenile social defeat stress exposure persistently impairs social behaviors and neurogenesis. Neuropharmacology, 2018, 133, 23-37.	2.0	50
80	Adolescent Social Stress Increases Anxiety-like Behavior and Alters Synaptic Transmission, Without Influencing Nicotine Responses, in a Sex-Dependent Manner. Neuroscience, 2018, 373, 182-198.	1.1	25
81	Loss of Intercalated Cells (ITCs) in the Mouse Amygdala ofTshz1Mutants Correlates with Fear, Depression, and Social Interaction Phenotypes. Journal of Neuroscience, 2018, 38, 1160-1177.	1.7	47
82	Acute stress evokes sexually dimorphic, stressor-specific patterns of neural activation across multiple limbic brain regions in adult rats. Stress, 2018, 21, 136-150.	0.8	23
83	Chemogenetic Excitation of Accumbens-Projecting Infralimbic Cortical Neurons Blocks Toluene-Induced Conditioned Place Preference. Journal of Neuroscience, 2018, 38, 1462-1471.	1.7	19
84	<scp>d</scp>â€Cycloserine enhanced extinction of cocaineâ€induced conditioned place preference is attenuated in serotonin transporter knockout rats. Addiction Biology, 2018, 23, 120-129.	1.4	14
85	Molecular Adaptations to Social Defeat Stress and Induced Depression in Mice. Molecular Neurobiology, 2018, 55, 3394-3407.	1.9	32
86	Use of proton-pump inhibitors is associated with depression: a population-based study. International Psychogeriatrics, 2018, 30, 153-159.	0.6	44
87	Widespread transcriptional alternations in oligodendrocytes in the adult mouse brain following chronic stress. Developmental Neurobiology, 2018, 78, 152-162.	1.5	54
88	CK2 regulates 5-HT4 receptor signaling and modulates depressive-like behavior. Molecular Psychiatry, 2018, 23, 872-882.	4.1	23
89	Glutamine has antidepressive effects through increments of glutamate and glutamine levels and glutamatergic activity in the medial prefrontal cortex. Neuropharmacology, 2018, 143, 143-152.	2.0	57
90	Excitability regulation in the dorsomedial prefrontal cortex during sustained instructed fear responses: a TMS-EEG study. Scientific Reports, 2018, 8, 14506.	1.6	10

#	Article	IF	Citations
91	Sex Differences in Risk and Resilience: Stress Effects on the Neural Substrates of Emotion and Motivation. Journal of Neuroscience, 2018, 38, 9423-9432.	1.7	61
92	Environmental enrichment reduces adolescent anxiety- and depression-like behaviors of rats subjected to infant nerve injury. Journal of Neuroinflammation, 2018, 15, 262.	3.1	61
93	Social Dominance Modulates Stress-induced Neural Activity in Medial Prefrontal Cortex Projections to the Basolateral Amygdala. Neuroscience, 2018, 388, 274-283.	1.1	19
94	Alterations of the Innate Immune System in Susceptibility and Resilience After Social Defeat Stress. Frontiers in Behavioral Neuroscience, 2018, 12, 141.	1.0	41
95	A Comprehensive Overview on Stress Neurobiology: Basic Concepts and Clinical Implications. Frontiers in Behavioral Neuroscience, 2018, 12, 127.	1.0	382
96	Immediate Early Genes, Memory and Psychiatric Disorders: Focus on c-Fos, Egr1 and Arc. Frontiers in Behavioral Neuroscience, 2018, 12, 79.	1.0	251
97	Long-Term Stress Disrupts the Structural and Functional Integrity of GABAergic Neuronal Networks in the Medial Prefrontal Cortex of Rats. Frontiers in Cellular Neuroscience, 2018, 12, 148.	1.8	87
98	Sex differences in the traumatic stress response: the role of adult gonadal hormones. Biology of Sex Differences, 2018, 9, 32.	1.8	37
99	Plastic change of prefrontal cortex mediates anxiety-like behaviors associated with chronic pain in neuropathic rats. Molecular Pain, 2018, 14, 174480691878393.	1.0	32
100	JHU-083 selectively blocks glutaminase activity in brain CD11b+ cells and prevents depression-associated behaviors induced by chronic social defeat stress. Neuropsychopharmacology, 2019, 44, 683-694.	2.8	38
101	Prefrontal excitatory/inhibitory balance in stress and emotional disorders: Evidence for over-inhibition. Neuroscience and Biobehavioral Reviews, 2019, 105, 39-51.	2.9	109
102	The signaling proteins GPR158 and RGS7 modulate excitability of L2/3 pyramidal neurons and control A-type potassium channel in the prelimbic cortex. Journal of Biological Chemistry, 2019, 294, 13145-13157.	1.6	20
103	Vulnerability to depressive behavior induced by overexpression of striatal Shati/Nat8l via the serotonergic neuronal pathway in mice. Behavioural Brain Research, 2019, 376, 112227.	1.2	9
104	Maternal separation disturbs postnatal development of the medial prefrontal cortex and affects the number of neurons and glial cells in adolescent rats. Neuroscience, 2019, 423, 131-147.	1.1	28
105	Social defeat stress-specific increase in c-Fos expression in the extended amygdala in mice: Involvement of dopamine D1 receptor in the medial prefrontal cortex. Scientific Reports, 2019, 9, 16670.	1.6	41
106	Chronic exposure to fluoxetine of female mice before mating causes impaired stress resilience in female offspring. Journal of Neural Transmission, 2019, 126, 1231-1239.	1.4	2
107	â€œBrakingâ€•the Prefrontal Cortex: The Role of Glucocorticoids and Interneurons in Stress Adaptation and Pathology. Biological Psychiatry, 2019, 86, 669-681.	0.7	72
108	Exposure to prenatal antidepressant alters medial prefrontal-striatal synchronization in mice. Brain Research, 2019, 1717, 27-34.	1.1	6

#	Article	IF	Citations
109	Viral labeling of neurons synaptically connected to nucleus accumbens somatostatin interneurons. PLoS ONE, 2019, 14, e0213476.	1.1	14
110	Oral Cannabidiol Prevents Allodynia and Neurological Dysfunctions in a Mouse Model of Mild Traumatic Brain Injury. Frontiers in Pharmacology, 2019, 10, 352.	1.6	44
111	Deficiencies of microglia and TNFÎ± in the mPFC-mediated cognitive inflexibility induced by social stress during adolescence. Brain, Behavior, and Immunity, 2019, 79, 256-266.	2.0	27
112	Molecular, Cellular, and Circuit Basis of Depression Susceptibility and Resilience. , 2019, , 123-136.		9
113	Optogenetics: Illuminating the Neural Circuits of Depression. , 2019, , 147-157.		3
114	Prefrontal parvalbumin cells are sensitive to stress and mediate anxiety-related behaviors in female mice. Scientific Reports, 2019, 9, 19772.	1.6	64
115	Transcriptional and Epigenetic Regulation of Reward Circuitry in Drug Addiction. , 2019, , 23-34.		1
116	Wiring the depressed brain: optogenetic and chemogenetic circuit interrogation in animal models of depression. Neuropsychopharmacology, 2019, 44, 1013-1026.	2.8	64
117	Beneficial Effects of Physical Activity and Crocin Against Adolescent Stress Induced Anxiety or Depressive-Like Symptoms and Dendritic Morphology Remodeling in Prefrontal Cortex in Adult Male Rats. Neurochemical Research, 2019, 44, 917-929.	1.6	29
118	Effects of Î²3-adrenergic receptor stimulation on the resting holding current of medial prefrontal cortex pyramidal neurons in young rats. Neuroscience Letters, 2019, 698, 192-197.	1.0	3
119	Intracerebroventricular administration of sulphated cholecystokinin octapeptide induces anxietyâ€like behaviour in goldfish. Journal of Neuroendocrinology, 2019, 31, e12667.	1.2	9
120	Behavioral tests that reveal long-term deficits after permanent focal cerebral ischemia in mouse. Behavioural Brain Research, 2019, 360, 69-80.	1.2	20
121	Social brain, social dysfunction and social withdrawal. Neuroscience and Biobehavioral Reviews, 2019, 97, 10-33.	2.9	216
122	Metabotropic glutamate receptor subtype 3 gates acute stress-induced dysregulation of amygdalo-cortical function. Molecular Psychiatry, 2019, 24, 916-927.	4.1	41
123	SIRT1 in forebrain excitatory neurons produces sexually dimorphic effects on depression-related behaviors and modulates neuronal excitability and synaptic transmission in the medial prefrontal cortex. Molecular Psychiatry, 2020, 25, 1094-1111.	4.1	80
124	Androgen-Dependent Excitability of Mouse Ventral Hippocampal Afferents to Nucleus Accumbens Underlies Sex-Specific Susceptibility to Stress. Biological Psychiatry, 2020, 87, 492-501.	0.7	62
125	Rapid Anxiolytic Effects of RS67333, a Serotonin Type 4 Receptor Agonist, and Diazepam, a Benzodiazepine, Are Mediated by Projections From the Prefrontal Cortex to the Dorsal Raphe Nucleus. Biological Psychiatry, 2020, 87, 514-525.	0.7	27
126	Optogenetics: What it has uncovered in potential pathways of depression. Pharmacological Research, 2020, 152, 104596.	3.1	9

#	Article	IF	Citations
127	Region-specific brain area reductions and increased cholecystokininÂpositive neurons in diabetic OLETF rats: implication for anxiety-like behavior. Journal of Physiological Sciences, 2020, 70, 42.	0.9	4
128	AMPA receptors mediate the pro-cognitive effects of electrical and optogenetic stimulation of the medial prefrontal cortex in antidepressant non-responsive Wistarâ€"Kyoto rats. Journal of Psychopharmacology, 2020, 34, 1418-1430.	2.0	13
129	Infralimbic cortical glutamate output is necessary for the neural and behavioral consequences of chronic stress. Neurobiology of Stress, 2020, 13, 100274.	1.9	21
130	Internal threats to police wellness. , 2020, , 29-36.		0
131	The cornucopia of central disinhibition pain â€" An evaluation of past and novel concepts. Neurobiology of Disease, 2020, 145, 105041.	2.1	5
132	Chemogenetic activation of an infralimbic cortex to basolateral amygdala projection promotes resistance to acute social defeat stress. Scientific Reports, 2020, 10, 6884.	1.6	25
133	Revision to psychopharmacology mRNA and microRNA profiles are associated with stress susceptibility and resilience induced by psychological stress in the prefrontal cortex. Psychopharmacology, 2020, 237, 3067-3093.	1.5	10
134	Ketamine contributes to the alteration of Ca2+ transient evoked by behavioral tests in the prelimbic area of mPFC: A study on chronic CORT-induced depressive mice. Neuroscience Letters, 2020, 735, 135220.	1.0	3
135	Acute mitragynine administration suppresses cortical oscillatory power and systems theta coherence in rats. Journal of Psychopharmacology, 2020, 34, 759-770.	2.0	6
136	Projections from the dorsomedial division of the bed nucleus of the stria terminalis to hypothalamic nuclei in the mouse. Journal of Comparative Neurology, 2021, 529, 929-956.	0.9	17
137	Post-weaning social isolation increases Î"FosB/FosB protein expression in sex-specific patterns in the prelimbic/infralimbic cortex and hippocampus in mice. Neuroscience Letters, 2021, 740, 135423.	1.0	8
138	Molecular and neurocircuitry mechanisms of social avoidance. Cellular and Molecular Life Sciences, 2021, 78, 1163-1189.	2.4	21
139	Depression and substance use disorders: Clinical comorbidity and shared neurobiology. International Review of Neurobiology, 2021, 157, 245-309.	0.9	22
140	Mitofusin-2 in the Nucleus Accumbens Regulates Anxiety and Depression-like Behaviors Through Mitochondrial and Neuronal Actions. Biological Psychiatry, 2021, 89, 1033-1044.	0.7	55
141	Optogenetic and chemogenetic insights into the neurocircuitry of depressionâ€like behaviour: A systematic review. European Journal of Neuroscience, 2021, 53, 9-38.	1.2	47
142	Neuronal protein-tyrosine phosphatase 1B hinders sensory-motor functional recovery and causes affective disorders in two different focal ischemic stroke models. Neural Regeneration Research, 2021, 16, 129.	1.6	6
143	Expression and Distribution of Neuropeptide-Expressing Cells Throughout the Rodent Paraventricular Nucleus of the Thalamus. Frontiers in Behavioral Neuroscience, 2020, 14, 634163.	1.0	11
144	Unique Effects of Social Defeat Stress in Adolescent Male Mice on the Netrin-1/DCC Pathway, Prefrontal Cortex Dopamine and Cognition. ENeuro, 2021, 8, ENEURO.0045-21.2021.	0.9	22

#	Article	IF	Citations
145	Translating the Transcriptome: Sex Differences in the Mechanisms of Depression and Stress, Revisited. Biological Psychiatry, 2022, 91, 25-35.	0.7	12
146	Inhibitory corticotropin-releasing factor neurons in the dorsomedial prefrontal cortex promote stress-resilient behavior in male rodents. Journal of Neurophysiology, 2021, 125, 533-536.	0.9	6
147	Chronic Stress Prevents Cortico-Accumbens Cue Encoding and Alters Conditioned Approach. Journal of Neuroscience, 2021, 41, 2428-2436.	1.7	8
150	On the three families of extended Laguerre-based Apostol-type polynomials. Proyecciones, 2021, 40, 313-334.	0.1	1
152	Olfactory modulation of the medial prefrontal cortex circuitry: Implications for social cognition. Seminars in Cell and Developmental Biology, 2022, 129, 31-39.	2.3	18
153	Role of trace amineâ€'associated receptor 1 in the medial prefrontal cortex in chronic social stress-induced cognitive deficits in mice. Pharmacological Research, 2021, 167, 105571.	3.1	20
154	Regulation of depression-related behaviors by GABAergic neurons in the lateral septum through periaqueductal gray neuronal projections. Journal of Psychiatric Research, 2021, 137, 202-214.	1.5	16
155	Optogenetic Dissection of Neural Circuits Underlying Stress-Induced Mood Disorders. Frontiers in Psychology, 2021, 12, 600999.	1.1	2
156	Animal models of stress and stress-related neurocircuits: A comprehensive review. Stress and Brain, 2021, 1, 108-127.	0.3	11
157	Functional Contribution of the Medial Prefrontal Circuitry in Major Depressive Disorder and Stress-Induced Depressive-Like Behaviors. Frontiers in Behavioral Neuroscience, 2021, 15, 699592.	1.0	35
159	The Role of Gasotransmitters in Gut Peptide Actions. Frontiers in Pharmacology, 2021, 12, 720703.	1.6	18
160	Shisa6 mediates cell-type specific regulation of depression in the nucleus accumbens. Molecular Psychiatry, 2021, 26, 7316-7327.	4.1	7
162	Perspectives for therapy of treatmentâ€resistant depression. British Journal of Pharmacology, 2022, 179, 4181-4200.	2.7	30
163	The paraventricular thalamus input to central amygdala controls depression-related behaviors. Experimental Neurology, 2021, 342, 113744.	2.0	15
164	Activation of monoaminergic system contributes to the antidepressant- and anxiolytic-like effects of J147. Behavioural Brain Research, 2021, 411, 113374.	1.2	12
165	Chronic Stress Induces Sex-Specific Functional and Morphological Alterations in Corticoaccumbal and Corticotegmental Pathways. Biological Psychiatry, 2021, 90, 194-205.	0.7	25
166	Single-chain Fragment variable antibody targeting cholecystokinin-B receptor for pain reduction. Neurobiology of Pain (Cambridge, Mass), 2021, 10, 100067.	1.0	8
167	N6 -Methyladenosine Modification in Chronic Stress Response Due to Social Hierarchy Positioning of Mice. Frontiers in Cell and Developmental Biology, 2021, 9, 705986.	1.8	3

#	Article	IF	Citations
168	Targeting metabotropic glutamate receptors for the treatment of depression and other stress-related disorders. Neuropharmacology, 2021, 196, 108687.	2.0	33
169	Medial prefrontal area reductions, altered expressions of cholecystokinin, parvalbumin, and activating transcription factor 4 in the corticolimbic system, and altered emotional behavior in a progressive rat model of type 2 diabetes. PLoS ONE, 2021, 16, e0256655.	1.1	4
170	Gene-Targeted, CREB-Mediated Induction of Î”FosB Controls Distinct Downstream Transcriptional Patterns Within D1 and D2 Medium Spiny Neurons. Biological Psychiatry, 2021, 90, 540-549.	0.7	17
171	Trace amine-associated receptor 1 (TAAR1): Potential application in mood disorders: A systematic review. Neuroscience and Biobehavioral Reviews, 2021, 131, 192-210.	2.9	15
172	Social play in juvenile hamsters alters dendritic morphology in the medial prefrontal cortex and attenuates effects of social stress in adulthood.. Behavioral Neuroscience, 2016, 130, 437-447.	0.6	47
175	VIPergic neurons of the infralimbic and prelimbic cortices control palatable food intake through separate cognitive pathways. JCI Insight, 2019, 4, .	2.3	7
176	Differential Expression of FosB Proteins and Potential Target Genes in Select Brain Regions of Addiction and Depression Patients. PLoS ONE, 2016, 11, e0160355.	1.1	30
177	Î”FosB Decreases Excitability of Dorsal Hippocampal CA1 Neurons. ENeuro, 2018, 5, ENEURO.0104-18.2018.	0.9	19
178	Genetic Control of Myelin Plasticity after Chronic Psychosocial Stress. ENeuro, 2018, 5, ENEURO.0166-18.2018.	0.9	48
179	Pubertal Testosterone Programs Adult Behavioral Adaptations to Sexual Experience through Infralimbic Cortex Î”FosB. ENeuro, 2019, 6, ENEURO.0176-19.2019.	0.9	5
180	Chemogenetic Inhibition of Infralimbic Prefrontal Cortex GABAergic Parvalbumin Interneurons Attenuates the Impact of Chronic Stress in Male Mice. ENeuro, 2020, 7, ENEURO.0423-19.2020.	0.9	17
181	Testing Depression in Mice: a Chronic Social Defeat Stress Model. Bio-protocol, 2017, 7, e2203.	0.2	8
183	Clozapine impact on FosB/Î”FosB expression in stress preconditioned rats: response to a novel stressor. Endocrine Regulations, 2019, 53, 83-92.	0.5	2
184	On the Role of Cholecystokinin (CCK) in Fear and Anxiety: A Review and Research Proposal. Journal of Human Psychology, 2019, 1, 1-10.	0.0	2
189	Altered intrinsic brain activity and regional cerebral blood flow in patients with chronic neck and shoulder pain. Polish Journal of Radiology, 2020, 85, 155-162.	0.5	8
190	Targeting the Neuronal Activity of Prefrontal Cortex: New Directions for the Therapy of Depression. Current Neuropharmacology, 2020, 18, 332-346.	1.4	8
192	Herpes zoster chronification to postherpetic neuralgia induces brain activity and grey matter volume change. American Journal of Translational Research (discontinued), 2018, 10, 184-199.	0.0	20
193	The Cholecystokinin Type 2 Receptor, a Pharmacological Target for Pain Management. Pharmaceuticals, 2021, 14, 1185.	1.7	6

#	Article	IF	Citations
194	Genomic modules and intramodular network concordance in susceptible and resilient male mice across models of stress. Neuropsychopharmacology, 2022, 47, 987-999.	2.8	11
195	Efeito comportamental em modelos experimentais de depressÃ£o por microinjeÃ§Ãµes do peptÃdeo liberador de gastrina via intra nucleus accumbens. Revista Debates Em Psiquiatria, 0, 11, 1-26.	0.3	0
196	Neuronal Yin Yang1 in the prefrontal cortex regulates transcriptional and behavioral responses to chronic stress in mice. Nature Communications, 2022, 13, 55.	5.8	14
197	Effects of early life adversity on immediate early gene expression: Systematic review and 3-level meta-analysis of rodent studies. PLoS ONE, 2022, 17, e0253406.	1.1	3
199	Î”FOSB: A Potentially Druggable Master Orchestrator of Activity-Dependent Gene Expression. ACS Chemical Neuroscience, 2022, 13, 296-307.	1.7	17
201	The ATP Level in the Medial Prefrontal Cortex Regulates Depressive-like Behavior via the Medial Prefrontal Cortex-Lateral Habenula Pathway. Biological Psychiatry, 2022, 92, 179-192.	0.7	37
203	Midbrain projection to the basolateral amygdala encodes anxiety-like but not depression-like behaviors. Nature Communications, 2022, 13, 1532.	5.8	56
204	Optogenetic stimulation of medial prefrontal cortex excites GABAergic cells in the nucleus accumbens and hippocampus of Wistar-Kyoto rats exposed to chronic mild stress. Psychopharmacology, 2022, 239, 2299-2307.	1.5	2
205	Voluntary exercise reverses social behavior deficits and the increases in the densities of cholecystokinin-positive neurons in specific corticolimbic regions of diabetic OLETF rats. Behavioural Brain Research, 2022, , 113886.	1.2	2
206	Cholecystokinin B receptor gene polymorphism (rs2941026) is associated with anxious personality and suicidal thoughts in a longitudinal study. Acta Neuropsychiatrica, 2021, , 1-11.	1.0	0
207	A circuit of COCH neurons encodes social-stress-induced anxiety via MTF1 activation of Cacna1h. Cell Reports, 2021, 37, 110177.	2.9	12
217	Middle cingulate cortex function contributes to response to non-steroidal anti-inflammatory drug in cervical spondylosis patients: a preliminary resting-state fMRI study. Neuroradiology, 2022, 64, 1401-1410.	1.1	7
218	Immediate Early Gene c-fos in the Brain: Focus on Glial Cells. Brain Sciences, 2022, 12, 687.	1.1	31
220	Uncovering the Underlying Mechanisms of Ketamine as a Novel Antidepressant. Frontiers in Pharmacology, 0, 12, .	1.6	15
221	Anxiety and Depression: What Do We Know of Neuropeptides?. Behavioral Sciences (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 182 T	1.0	16
222	Behavioral state-dependent oscillatory activity in prefrontal cortex induced by chronic social defeat stress. Frontiers in Neuroscience, 0, 16, .	1.4	0
223	Prefrontal circuits guiding social preference: Implications in autism spectrum disorder. Neuroscience and Biobehavioral Reviews, 2022, 141, 104803.	2.9	8
224	Advances in optogenetic studies of depressive-like behaviors and underlying neural circuit mechanisms. Frontiers in Psychiatry, 0, 13, .	1.3	1

#	Article	IF	Citations
225	Non-rapid eye movement sleep determines resilience to social stress. ELife, 0, 11, .	2.8	5
226	Molecular characteristics and laminar distribution of prefrontal neurons projecting to the mesolimbic system. ELife, 0, 11, .	2.8	5
227	Cholecystokinin (CCK) and its receptors (CCK1R and CCK2R) in chickens: functional analysis and tissue expression. Poultry Science, 2023, 102, 102273.	1.5	5
228	Behavioral flexibility impacts on coping and emotional responses in male mice submitted to social defeat stress. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2023, 123, 110696.	2.5	1
229	Prefrontal contributions to mental resilience: Lessons from rodent studies of stress and antidepressant actions. Neuroscience Research, 2022, , .	1.0	1
230	High-frequency rTMS modulates emotional behaviors and structural plasticity in layers II/III and V of the mPFC. Frontiers in Cellular Neuroscience, 0, 16, .	1.8	2
231	Probing the antidepressant potential of psilocybin: integrating insight from human research and animal models towards an understanding of neural circuit mechanisms. Psychopharmacology, 2023, 240, 27-40.	1.5	5
232	Upregulations of Î±1 adrenergic receptors and noradrenaline synthases in the medial prefrontal cortex are associated with emotional and cognitive dysregulation induced by post-weaning social isolation in male rats. Neuroscience Letters, 2023, 797, 137071.	1.0	2
233	Optogenetic stimulation of transmission from prelimbic cortex to nucleus accumbens core overcomes resistance to venlafaxine in an animal model of treatment-resistant depression. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2023, 123, 110715.	2.5	1
234	Neurobiologia del cervello sociale nei disturbi d'ansia e dell'umore - Mini-review. Quaderni Di Psicoterapia Cognitiva, 2022, , 32-71.	0.1	0
236	NPAS4 in the medial prefrontal cortex mediates chronic social defeat stress-induced anhedonia-like behavior and reductions in excitatory synapses. ELife, 0, 12, .	2.8	6
237	Sex-specific transcriptional signatures in the medial prefrontal cortex underlying sexually dimorphic behavioural responses to stress in rats. Journal of Psychiatry and Neuroscience, 2023, 48, E61-E73.	1.4	1
238	Comparing the ontogeny, neurobiology, and function of social play in hamsters and rats. Neuroscience and Biobehavioral Reviews, 2023, 147, 105102.	2.9	10
239	Sex-Specific Timelines for Adaptations of Prefrontal Parvalbumin Neurons in Response to Stress and Changes in Anxiety- and Depressive-Like Behaviors. ENeuro, 2023, 10, ENEURO.0300-22.2023.	0.9	5
240	Awakening the dormant: Role of axonal guidance cues in stress-induced reorganization of the adult prefrontal cortex leading to depression-like behavior. Frontiers in Neural Circuits, 0, 17, .	1.4	0
241	Low-intensity focused ultrasound ameliorates depression-like behaviors associated with improving the synaptic plasticity in the vCA1-mPFC pathway. Cerebral Cortex, 2023, 33, 8024-8034.	1.6	3