

Christopher A Lowry

List of Publications by Year in descending order

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Version: 2024-02-01

211
papers

10,868
citations

19655

61
h-index

39667

94
g-index

218
all docs

218
docs citations

218
times ranked

10657
citing authors

#	ARTICLE	IF	CITATIONS
1	Tryptophan metabolism in the central nervous system: medical implications. <i>Expert Reviews in Molecular Medicine</i> , 2006, 8, 1-27.	3.9	349
2	MicroRNA 135 Is Essential for Chronic Stress Resiliency, Antidepressant Efficacy, and Intact Serotonergic Activity. <i>Neuron</i> , 2014, 83, 344-360.	8.1	321
3	Modulation of anxiety circuits by serotonergic systems. <i>Stress</i> , 2005, 8, 233-246.	1.8	266
4	Sex differences in anxiety and emotional behavior. <i>Pflügers Archiv European Journal of Physiology</i> , 2013, 465, 601-626.	2.8	263
5	Anatomic and Functional Topography of the Dorsal Raphe Nucleus. <i>Annals of the New York Academy of Sciences</i> , 2004, 1018, 46-57.	3.8	252
6	Serotonergic Systems, Anxiety, and Affective Disorder. <i>Annals of the New York Academy of Sciences</i> , 2008, 1148, 86-94.	3.8	240
7	Corticotropin-Releasing Factor Increases <i>In Vitro</i> Firing Rates of Serotonergic Neurons in the Rat Dorsal Raphe Nucleus: Evidence for Activation of a Topographically Organized Mesolimbocortical Serotonergic System. <i>Journal of Neuroscience</i> , 2000, 20, 7728-7736.	3.6	204
8	Functional topography of midbrain and pontine serotonergic systems: implications for synaptic regulation of serotonergic circuits. <i>Psychopharmacology</i> , 2011, 213, 243-264.	3.1	201
9	Immunization with a heat-killed preparation of the environmental bacterium <i>Mycobacterium vaccae</i> promotes stress resilience in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3130-9.	7.1	186
10	Consequences of post-weaning social isolation on anxiety behavior and related neural circuits in rodents. <i>Frontiers in Behavioral Neuroscience</i> , 2009, 3, 18.	2.0	184
11	Serotonergic systems associated with arousal and vigilance behaviors following administration of anxiogenic drugs. <i>Neuroscience</i> , 2005, 133, 983-997.	2.3	177
12	Chronic anthropogenic noise disrupts glucocorticoid signaling and has multiple effects on fitness in an avian community. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E648-E657.	7.1	169
13	Microbial "Old Friends"™, immunoregulation and stress resilience. <i>Evolution, Medicine and Public Health</i> , 2013, 2013, 46-64.	2.5	167
14	Stress-related Serotonergic Systems: Implications for Symptomatology of Anxiety and Affective Disorders. <i>Cellular and Molecular Neurobiology</i> , 2012, 32, 695-708.	3.3	163
15	Early life experience alters behavior during social defeat: Focus on serotonergic systems. <i>Neuroscience</i> , 2005, 136, 181-191.	2.3	159
16	Inflammation, Sanitation, and Consternation. <i>Archives of General Psychiatry</i> , 2010, 67, 1211.	12.3	153
17	The Microbiome in Posttraumatic Stress Disorder and Trauma-Exposed Controls: An Exploratory Study. <i>Psychosomatic Medicine</i> , 2017, 79, 936-946.	2.0	153
18	The Microbiota, Immunoregulation, and Mental Health: Implications for Public Health. <i>Current Environmental Health Reports</i> , 2016, 3, 270-286.	6.7	150

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19	Identification of an immune-responsive mesolimbocortical serotonergic system: Potential role in regulation of emotional behavior. <i>Neuroscience</i> , 2007, 146, 756-772.	2.3	148
20	Differential effects of exposure to low-light or high-light open-field on anxiety-related behaviors: Relationship to c-Fos expression in serotonergic and non-serotonergic neurons in the dorsal raphe nucleus. <i>Brain Research Bulletin</i> , 2007, 72, 32-43.	3.0	144
21	Circadian and wakefulness-sleep modulation of cognition in humans. <i>Frontiers in Molecular Neuroscience</i> , 2012, 5, 50.	2.9	142
22	Regulation of behavioral responses by corticotropin-releasing factor. <i>General and Comparative Endocrinology</i> , 2006, 146, 19-27.	1.8	131
23	Corticosterone-Sensitive Monoamine Transport in the Rat Dorsomedial Hypothalamus: Potential Role for Organic Cation Transporter 3 in Stress-Induced Modulation of Monoaminergic Neurotransmission. <i>Journal of Neuroscience</i> , 2006, 26, 8758-8766.	3.6	124
24	Functional topography of serotonergic systems supports the Deakin/Graeff hypothesis of anxiety and affective disorders. <i>Journal of Psychopharmacology</i> , 2013, 27, 1090-1106.	4.0	117
25	The hygiene hypothesis and psychiatric disorders. <i>Trends in Immunology</i> , 2008, 29, 150-158.	6.8	110
26	The Gut Microbiome and Mental Health: Implications for Anxiety- and Trauma-Related Disorders. <i>OMICS A Journal of Integrative Biology</i> , 2018, 22, 90-107.	2.0	110
27	Whole-Body Hyperthermia for the Treatment of Major Depressive Disorder. <i>JAMA Psychiatry</i> , 2016, 73, 789.	11.0	102
28	Distribution of organic cation transporter 3, a corticosterone-sensitive monoamine transporter, in the rat brain. <i>Journal of Comparative Neurology</i> , 2009, 512, 529-555.	1.6	101
29	Microbiota, Immunoregulatory Old Friends and Psychiatric Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2014, 817, 319-356.	1.6	96
30	Activation of the Orexin 1 Receptor is a Critical Component of CO ₂ -Mediated Anxiety and Hypertension but not Bradycardia. <i>Neuropsychopharmacology</i> , 2012, 37, 1911-1922.	5.4	95
31	Orexin 1 receptors are a novel target to modulate panic responses and the panic brain network. <i>Physiology and Behavior</i> , 2012, 107, 733-742.	2.1	95
32	Corticotropin-releasing factor in the dorsal raphe nucleus increases medial prefrontal cortical serotonin via type 2 receptors and median raphe nucleus activity. <i>European Journal of Neuroscience</i> , 2008, 28, 299-310.	2.6	94
33	A Functional Subset of Serotonergic Neurons in the Rat Ventrolateral Periaqueductal Gray Implicated in the Inhibition of Sympathoexcitation and Panic. <i>Annals of the New York Academy of Sciences</i> , 2004, 1018, 58-64.	3.8	91
34	Adverse experience during early life and adulthood interact to elevate tph2 mRNA expression in serotonergic neurons within the dorsal raphe nucleus. <i>Neuroscience</i> , 2009, 163, 991-1001.	2.3	89
35	A triple urocortin knockout mouse model reveals an essential role for urocortins in stress recovery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19020-19025.	7.1	89
36	Pharmacology of the α -Carboline FG7142, a Partial Inverse Agonist at the Benzodiazepine Allosteric Site of the GABA _A Receptor: Neurochemical, Neurophysiological, and Behavioral Effects. <i>CNS Neuroscience & Therapeutics</i> , 2007, 13, 475-501.	4.0	87

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37	Neural Pathways Underlying Lactate-Induced Panic. <i>Neuropsychopharmacology</i> , 2008, 33, 2093-2107.	5.4	79
38	Exposure to an open-field arena increases c-Fos expression in a subpopulation of neurons in the dorsal raphe nucleus, including neurons projecting to the basolateral amygdaloid complex. <i>Neuroscience</i> , 2008, 157, 733-748.	2.3	78
39	Repeated social defeat increases reactive emotional coping behavior and alters functional responses in serotonergic neurons in the rat dorsal raphe nucleus. <i>Physiology and Behavior</i> , 2011, 104, 272-282.	2.1	78
40	Hygiene and other early childhood influences on the subsequent function of the immune system. <i>Brain Research</i> , 2015, 1617, 47-62.	2.2	78
41	Disruption of GABAergic tone in the dorsomedial hypothalamus attenuates responses in a subset of serotonergic neurons in the dorsal raphe nucleus following lactate-induced panic. <i>Journal of Psychopharmacology</i> , 2008, 22, 642-652.	4.0	77
42	Serotonin transporter gene, stress and raphe-raphe interactions: a molecular mechanism of depression. <i>Trends in Neurosciences</i> , 2012, 35, 395-402.	8.6	77
43	Adverse early life experience and social stress during adulthood interact to increase serotonin transporter mRNA expression. <i>Brain Research</i> , 2009, 1305, 47-63.	2.2	76
44	Acute hypercarbic gas exposure reveals functionally distinct subpopulations of serotonergic neurons in rats. <i>Journal of Psychopharmacology</i> , 2005, 19, 327-341.	4.0	75
45	Corticotropin-releasing factor-related peptides, serotonergic systems, and emotional behavior. <i>Frontiers in Neuroscience</i> , 2013, 7, 169.	2.8	75
46	Exposure to high- and low-light conditions in an open-field test of anxiety increases c-Fos expression in specific subdivisions of the rat basolateral amygdaloid complex. <i>Brain Research Bulletin</i> , 2006, 71, 174-182.	3.0	74
47	That warm fuzzy feeling: brain serotonergic neurons and the regulation of emotion. <i>Journal of Psychopharmacology</i> , 2009, 23, 392-400.	4.0	74
48	Uncontrollable, But Not Controllable, Stress Desensitizes 5-HT _{1A} Receptors in the Dorsal Raphe Nucleus. <i>Journal of Neuroscience</i> , 2011, 31, 14107-14115.	3.6	74
49	Urocortin 2 increases c-Fos expression in topographically organized subpopulations of serotonergic neurons in the rat dorsal raphe nucleus. <i>Brain Research</i> , 2005, 1044, 176-189.	2.2	72
50	The microbiome of the built environment and mental health. <i>Microbiome</i> , 2015, 3, 60.	11.1	72
51	Exposure to an open-field arena increases c-Fos expression in a distributed anxiety-related system projecting to the basolateral amygdaloid complex. <i>Neuroscience</i> , 2008, 155, 659-672.	2.3	71
52	The Canmore Declaration: Statement of Principles for Planetary Health. <i>Challenges</i> , 2018, 9, 31.	1.7	70
53	Evidence supporting a role for corticotropin-releasing factor type 2 (CRF2) receptors in the regulation of subpopulations of serotonergic neurons. <i>Brain Research</i> , 2006, 1070, 77-89.	2.2	69
54	The Deakin/Graeff hypothesis: Focus on serotonergic inhibition of panic. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 46, 379-396.	6.1	69

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55	Induction of c-Fos in "panic/defence"-related brain circuits following brief hypercarbic gas exposure. <i>Journal of Psychopharmacology</i> , 2011, 25, 26-36.	4.0	68
56	Individual differences in stress vulnerability: The role of gut pathobionts in stress-induced colitis. <i>Brain, Behavior, and Immunity</i> , 2017, 64, 23-32.	4.1	68
57	Ten questions concerning the built environment and mental health. <i>Building and Environment</i> , 2019, 155, 58-69.	6.9	68
58	Injections of urocortin 1 into the basolateral amygdala induce anxiety-like behavior and c-Fos expression in brainstem serotonergic neurons. <i>Neuroscience</i> , 2006, 138, 1265-1276.	2.3	67
59	Chronic non-invasive corticosterone administration abolishes the diurnal pattern of tph2 expression. <i>Psychoneuroendocrinology</i> , 2012, 37, 645-661.	2.7	66
60	Immunization with <i>Mycobacterium vaccae</i> induces an anti-inflammatory milieu in the CNS: Attenuation of stress-induced microglial priming, alarmins and anxiety-like behavior. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 352-363.	4.1	66
61	Multiple anxiogenic drugs recruit a parvalbumin-containing subpopulation of GABAergic interneurons in the basolateral amygdala. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 1285-1293.	4.8	65
62	Sexual Dimorphism in Numbers of Vasotocin-Immunoreactive Neurons in Brain Areas Associated with Reproductive Behaviors in the Roughskin Newt. <i>General and Comparative Endocrinology</i> , 2000, 117, 281-298.	1.8	63
63	Greater glucocorticoid receptor activation in hippocampus of aged rats sensitizes microglia. <i>Neurobiology of Aging</i> , 2015, 36, 1483-1495.	3.1	62
64	Less immune activation following social stress in rural vs. urban participants raised with regular or no animal contact, respectively. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5259-5264.	7.1	62
65	Corticotropin-Releasing Factor Enhances Locomotion and Medullary Neuronal Firing in an Amphibian. <i>Hormones and Behavior</i> , 1996, 30, 50-59.	2.1	61
66	Tryptophan Metabolism and White Matter Integrity in Schizophrenia. <i>Neuropsychopharmacology</i> , 2016, 41, 2587-2595.	5.4	60
67	Rapid Changes in Monoamine Levels Following Administration of Corticotropin-Releasing Factor or Corticosterone Are Localized in the Dorsomedial Hypothalamus. <i>Hormones and Behavior</i> , 2001, 39, 195-205.	2.1	59
68	Investigation of a central nucleus of the amygdala/dorsal raphe nucleus serotonergic circuit implicated in fear-potentiated startle. <i>Neuroscience</i> , 2011, 179, 104-119.	2.3	56
69	MicroRNA-19b Associates with Ago2 in the Amygdala Following Chronic Stress and Regulates the Adrenergic Receptor Beta 1. <i>Journal of Neuroscience</i> , 2014, 34, 15070-15082.	3.6	56
70	Repeated sleep disruption in mice leads to persistent shifts in the fecal microbiome and metabolome. <i>PLoS ONE</i> , 2020, 15, e0229001.	2.5	56
71	Whole-Body Hyperthermia for the Treatment of Major Depression: Associations With Thermoregulatory Cooling. <i>American Journal of Psychiatry</i> , 2013, 170, 802-804.	7.2	55
72	Chronic subordinate colony housing paradigm: A mouse model for mechanisms of PTSD vulnerability, targeted prevention, and treatment"2016 Curt Richter Award Paper. <i>Psychoneuroendocrinology</i> , 2016, 74, 221-230.	2.7	55

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73	Growing literature but limited evidence: A systematic review regarding prebiotic and probiotic interventions for those with traumatic brain injury and/or posttraumatic stress disorder. <i>Brain, Behavior, and Immunity</i> , 2017, 65, 57-67.	4.1	55
74	An empirically derived method for measuring human gut microbiome alpha diversity: Demonstrated utility in predicting health-related outcomes among a human clinical sample. <i>PLoS ONE</i> , 2020, 15, e0229204.	2.5	54
75	Neuroanatomical distribution of vasotocin in a urodele amphibian (<i>Taricha granulosa</i>) revealed by immunohistochemical and in situ hybridization techniques. <i>Journal of Comparative Neurology</i> , 1997, 385, 43-70.	1.6	52
76	Lipopolysaccharide has indomethacin-sensitive actions on Fos expression in topographically organized subpopulations of serotonergic neurons. <i>Brain, Behavior, and Immunity</i> , 2006, 20, 569-577.	4.1	52
77	Integrative physiology of depression and antidepressant drug action: Implications for serotonergic mechanisms of action and novel therapeutic strategies for treatment of depression. , 2013, 137, 108-118.		50
78	Anatomical and functional evidence for a stress-responsive, monoamine-accumulating area in the dorsomedial hypothalamus of adult rat brain. <i>Hormones and Behavior</i> , 2003, 43, 254-262.	2.1	49
79	Evidence for in vivo thermosensitivity of serotonergic neurons in the rat dorsal raphe nucleus and raphe pallidus nucleus implicated in thermoregulatory cooling. <i>Experimental Neurology</i> , 2011, 227, 264-278.	4.1	49
80	ELEVATED tph2 mRNA EXPRESSION IN A RAT MODEL OF CHRONIC ANXIETY. <i>Depression and Anxiety</i> , 2012, 29, 307-319.	4.1	49
81	Pharmacological depletion of serotonin in the basolateral amygdala complex reduces anxiety and disrupts fear conditioning. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 138, 174-179.	2.9	48
82	Swim stress activates serotonergic and nonserotonergic neurons in specific subdivisions of the rat dorsal raphe nucleus in a temperature-dependent manner. <i>Neuroscience</i> , 2011, 197, 251-268.	2.3	47
83	The Microbiome of the Built Environment and Human Behavior. <i>International Review of Neurobiology</i> , 2016, 131, 289-323.	2.0	47
84	<i>Mycobacterium vaccae</i> immunization protects aged rats from surgery-elicited neuroinflammation and cognitive dysfunction. <i>Neurobiology of Aging</i> , 2018, 71, 105-114.	3.1	45
85	Old Friends, immunoregulation, and stress resilience. <i>Pflügers Archiv European Journal of Physiology</i> , 2019, 471, 237-269.	2.8	45
86	Local inhibition of organic cation transporters increases extracellular serotonin in the medial hypothalamus. <i>Brain Research</i> , 2005, 1063, 69-76.	2.2	44
87	Serotonergic systems in the balance: CRHR1 and CRHR2 differentially control stress-induced serotonin synthesis. <i>Psychoneuroendocrinology</i> , 2016, 63, 178-190.	2.7	44
88	Preimmunization with a heat-killed preparation of <i>Mycobacterium vaccae</i> enhances fear extinction in the fear-potentiated startle paradigm. <i>Brain, Behavior, and Immunity</i> , 2017, 66, 70-84.	4.1	43
89	Effects of corticotropin-releasing factor (CRF) and opiates on amphibian locomotion. <i>Brain Research</i> , 1990, 513, 94-100.	2.2	40
90	Mental Health in Allergic Rhinitis: Depression and Suicidal Behavior. <i>Current Treatment Options in Allergy</i> , 2017, 4, 71-97.	2.2	40

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91	Lymphocytes in neuroprotection, cognition and emotion: Is intolerance really the answer?. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 591-601.	4.1	39
92	Somatic influences on subjective well-being and affective disorders: the convergence of thermosensory and central serotonergic systems. <i>Frontiers in Psychology</i> , 2014, 5, 1580.	2.1	38
93	Finding intestinal fortitude: Integrating the microbiome into a holistic view of depression mechanisms, treatment, and resilience. <i>Neurobiology of Disease</i> , 2020, 135, 104578.	4.4	38
94	Evidence for serotonin synthesis-dependent regulation of in vitro neuronal firing rates in the midbrain raphe complex. <i>European Journal of Pharmacology</i> , 2008, 590, 136-149.	3.5	37
95	Post-weaning social isolation of female rats, anxiety-related behavior, and serotonergic systems. <i>Brain Research</i> , 2012, 1443, 1-17.	2.2	36
96	Current understanding of fear learning and memory in humans and animal models and the value of a linguistic approach for analyzing fear learning and memory in humans. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 105, 136-177.	6.1	36
97	Inflammation in Traumatic Brain Injury. <i>Journal of Alzheimer's Disease</i> , 2020, 74, 1-28.	2.6	36
98	Can we vaccinate against depression?. <i>Drug Discovery Today</i> , 2012, 17, 451-458.	6.4	34
99	<i>Ruminiclostridium 5</i> , <i>Parabacteroides distasonis</i> , and bile acid profile are modulated by prebiotic diet and associate with facilitated sleep/clock realignment after chronic disruption of rhythms. <i>Brain, Behavior, and Immunity</i> , 2021, 97, 150-166.	4.1	34
100	Urocortin 2 increases c-Fos expression in serotonergic neurons projecting to the ventricular/periventricular system. <i>Experimental Neurology</i> , 2010, 224, 271-281.	4.1	33
101	Chronic Activation of Corticotropin-Releasing Factor Type 2 Receptors Reveals a Key Role for 5-HT1A Receptor Responsiveness in Mediating Behavioral and Serotonergic Responses to Stressful Challenge. <i>Biological Psychiatry</i> , 2012, 72, 437-447.	1.3	33
102	Longitudinal homogenization of the microbiome between both occupants and the built environment in a cohort of United States Air Force Cadets. <i>Microbiome</i> , 2019, 7, 70.	11.1	33
103	Topographic organization and chemoarchitecture of the dorsal raphe nucleus and the median raphe nucleus. , 2008, , 25-67.		33
104	A brief review on the mental health for select elements of the built environment. <i>Indoor and Built Environment</i> , 2021, 30, 152-165.	2.8	32
105	Steroid-neuropeptide interactions that control reproductive behaviors in an amphibian. <i>Psychoneuroendocrinology</i> , 1994, 19, 581-592.	2.7	30
106	Organic cation transporter 3: A cellular mechanism underlying rapid, non-genomic glucocorticoid regulation of monoaminergic neurotransmission, physiology, and behavior. <i>Hormones and Behavior</i> , 2018, 104, 173-182.	2.1	30
107	Catecholamines and Indoleamines in the Central Nervous System of a Urodele Amphibian: A Microdissection Study with Emphasis on the Distribution of Epinephrine (Part 1 of 2). <i>Brain, Behavior and Evolution</i> , 1996, 48, 70-81.	1.7	29
108	Topographical distribution of corticotropin-releasing factor type 2 receptor-like immunoreactivity in the rat dorsal raphe nucleus: co-localization with tryptophan hydroxylase. <i>Neuroscience</i> , 2011, 183, 47-63.	2.3	29

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109	Combined <i>Toxoplasma gondii</i> seropositivity and high blood kynurenine “ Linked with nonfatal suicidal self-directed violence in patients with schizophrenia. <i>Journal of Psychiatric Research</i> , 2016, 72, 74-81.	3.1	29
110	Post-weaning social isolation attenuates c-Fos expression in GABAergic interneurons in the basolateral amygdala of adult female rats. <i>Physiology and Behavior</i> , 2012, 107, 719-725.	2.1	28
111	Identification and characterization of a novel anti-inflammatory lipid isolated from <i>Mycobacterium vaccae</i> , a soil-derived bacterium with immunoregulatory and stress resilience properties. <i>Psychopharmacology</i> , 2019, 236, 1653-1670.	3.1	28
112	Local perfusion of corticosterone in the rat medial hypothalamus potentiates d-fenfluramine-induced elevations of extracellular 5-HT concentrations. <i>Hormones and Behavior</i> , 2009, 56, 149-157.	2.1	27
113	Acoustic stimulation in vivo and corticotropin-releasing factor in vitro increase tryptophan hydroxylase activity in the rat caudal dorsal raphe nucleus. <i>Neuroscience Letters</i> , 2009, 455, 36-41.	2.1	27
114	Panic and hypertension: brothers in arms through 5-HT?. <i>Journal of Psychopharmacology</i> , 2007, 21, 563-566.	4.0	26
115	Development–environment interactions control tph2 mRNA expression. <i>Neuroscience</i> , 2013, 237, 139-150.	2.3	26
116	Increased anxiety in corticotropin-releasing factor type 2 receptor-null mice requires recent acute stress exposure and is associated with dysregulated serotonergic activity in limbic brain areas. <i>Biology of Mood & Anxiety Disorders</i> , 2014, 4, 1.	4.7	26
117	Two models of inescapable stress increase tph2 mRNA expression in the anxiety-related dorsomedial part of the dorsal raphe nucleus. <i>Neurobiology of Stress</i> , 2018, 8, 68-81.	4.0	26
118	Exploring the relationship between the gut microbiome and mental health outcomes in a posttraumatic stress disorder cohort relative to trauma-exposed controls. <i>European Neuropsychopharmacology</i> , 2022, 56, 24-38.	0.7	26
119	The Role of the Oral Microbiota Related to Periodontal Diseases in Anxiety, Mood and Trauma- and Stress-Related Disorders. <i>Frontiers in Psychiatry</i> , 2021, 12, 814177.	2.6	26
120	Could Probiotics Be Used to Mitigate Neuroinflammation?. <i>ACS Chemical Neuroscience</i> , 2019, 10, 13-15.	3.5	25
121	Serotonin Deficiency Increases Context-Dependent Fear Learning Through Modulation of Hippocampal Activity. <i>Frontiers in Neuroscience</i> , 2019, 13, 245.	2.8	25
122	Organic cation transporter inhibition increases medial hypothalamic serotonin under basal conditions and during mild restraint. <i>Brain Research</i> , 2010, 1326, 105-113.	2.2	24
123	Fluoxetine inhibits corticotropin-releasing factor (CRF)-induced behavioural responses in rats. <i>Stress</i> , 2009, 12, 225-239.	1.8	23
124	Development by environment interactions controlling tryptophan hydroxylase expression. <i>Journal of Chemical Neuroanatomy</i> , 2011, 41, 219-226.	2.1	23
125	Acute Administration of the Nonpathogenic, Saprophytic Bacterium, <i>Mycobacterium vaccae</i> , Induces Activation of Serotonergic Neurons in the Dorsal Raphe Nucleus and Antidepressant-Like Behavior in Association with Mild Hypothermia. <i>Cellular and Molecular Neurobiology</i> , 2018, 38, 289-304.	3.3	23
126	Anxiogenic drug administration and elevated plus-maze exposure in rats activate populations of relaxin-3 neurons in the nucleus incertus and serotonergic neurons in the dorsal raphe nucleus. <i>Neuroscience</i> , 2015, 303, 270-284.	2.3	22

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127	Subcutaneous <i>Mycobacterium vaccae</i> promotes resilience in a mouse model of chronic psychosocial stress when administered prior to or during psychosocial stress. <i>Brain, Behavior, and Immunity</i> , 2020, 87, 309-317.	4.1	22
128	Influence of chronic amphetamine treatment and acute withdrawal on serotonin synthesis and clearance mechanisms in the rat ventral hippocampus. <i>European Journal of Neuroscience</i> , 2013, 37, 479-490.	2.6	20
129	Intranasal <i>Mycobacterium vaccae</i> administration prevents stress-induced aggravation of dextran sulfate sodium (DSS) colitis. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 595-604.	4.1	20
130	Traumatic Brain Injury and Suicidal Behavior: A Review. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 1339-1370.	2.6	20
131	Evidence that preimmunization with a heat-killed preparation of <i>Mycobacterium vaccae</i> reduces corticotropin-releasing hormone mRNA expression in the extended amygdala in a fear-potentiated startle paradigm. <i>Brain, Behavior, and Immunity</i> , 2019, 77, 127-140.	4.1	19
132	<i>Toxoplasma gondii</i> , Suicidal Behavior, and Intermediate Phenotypes for Suicidal Behavior. <i>Frontiers in Psychiatry</i> , 2021, 12, 665682.	2.6	19
133	Treatment with a heat-killed preparation of <i>Mycobacterium vaccae</i> after fear conditioning enhances fear extinction in the fear-potentiated startle paradigm. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 151-160.	4.1	18
134	The angiogenic drug FG-7142 increases serotonin metabolism in the rat medial prefrontal cortex. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 84, 266-274.	2.9	17
135	Serotonin and the Neurobiology of Anxious States. <i>Handbook of Behavioral Neuroscience</i> , 2010, 21, 379-397.	0.7	17
136	Biological and Psychological Factors Determining Neuropsychiatric Outcomes in COVID-19. <i>Current Psychiatry Reports</i> , 2021, 23, 68.	4.5	17
137	N-Ethylmaleimide (NEM) Can Significantly Improve In Situ Hybridization Results Using ³⁵ S-labeled Oligodeoxynucleotide or Complementary RNA Probes. <i>Journal of Histochemistry and Cytochemistry</i> , 1997, 45, 1035-1041.	2.5	16
138	Prior cold water swim stress alters immobility in the forced swim test and associated activation of serotonergic neurons in the rat dorsal raphe nucleus. <i>Neuroscience</i> , 2013, 253, 221-234.	2.3	16
139	Angiotensin II's role in sodium lactate-induced panic-like responses in rats with repeated urocortin 1 injections into the basolateral amygdala. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 44, 248-256.	4.8	16
140	Exposure to Acute and Chronic Fluoxetine has Differential Effects on Sociability and Activity of Serotonergic Neurons in the Dorsal Raphe Nucleus of Juvenile Male BALB/c Mice. <i>Neuroscience</i> , 2018, 386, 1-15.	2.3	16
141	Role of the dorsomedial hypothalamus in glucocorticoid-mediated feedback inhibition of the hypothalamic-pituitary-adrenal axis. <i>Stress</i> , 2015, 18, 76-87.	1.8	15
142	Activation of 5-HT _{1A} receptors in the rat dorsomedial hypothalamus inhibits stress-induced activation of the hypothalamic-pituitary-adrenal axis. <i>Stress</i> , 2017, 20, 223-230.	1.8	15
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