

# Christopher A Lowry

## List of Publications by Year in descending order

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Version: 2024-02-01

211  
papers

10,868  
citations

19657

61  
h-index

39675

94  
g-index

218  
all docs

218  
docs citations

218  
times ranked

10657  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Twenty Important Research Questions in Microbial Exposure and Social Equity. <i>MSystems</i> , 2022, 7, e0124021.	3.8	14
3	<i>Mycobacterium vaccae</i> immunization in rats ameliorates features of age-associated microglia activation in the amygdala and hippocampus. <i>Scientific Reports</i> , 2022, 12, 2165.	3.3	8
4	The Influence of the Microbiota on Brain Structure and Function: Implications for Stress-Related Neuropsychiatric Disorders. , 2022, , 267-337.		2
5	Acute treatment with 5-hydroxytryptophan increases social approach behaviour but does not activate serotonergic neurons in the dorsal raphe nucleus in juvenile male BALB/c mice: A model of human disorders with deficits of sociability. <i>Journal of Psychopharmacology</i> , 2022, , 026988112210890.	4.0	1
6	A Prebiotic Diet Alters the Fecal Microbiome and Improves Sleep in Response to Sleep Disruption in Rats. <i>Frontiers in Neuroscience</i> , 2022, 16, .	2.8	6
7	Effects of paternal high-fat diet and maternal rearing environment on the gut microbiota and behavior. <i>Scientific Reports</i> , 2022, 12, .	3.3	9
8	Rationale, design, and methods: A randomized placebo-controlled trial of an immunomodulatory probiotic intervention for Veterans with PTSD. <i>Contemporary Clinical Trials Communications</i> , 2022, 28, 100960.	1.1	5
9	A framework for estimating the United States depression burden attributable to indoor fine particulate matter exposure. <i>Science of the Total Environment</i> , 2021, 756, 143858.	8.0	8
10	Immunization with a heat-killed bacterium, <i>Mycobacterium vaccae</i> NCTC 11659, prevents the development of cortical hyperarousal and a PTSD-like sleep phenotype after sleep disruption and acute stress in mice. <i>Sleep</i> , 2021, 44, .	1.1	9
11	Whole-Genome Sequencing of Inbred Mouse Strains Selected for High and Low Open-Field Activity. <i>Behavior Genetics</i> , 2021, 51, 68-81.	2.1	7
12	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
13	Comparing the effects of two different strains of mycobacteria, <i>Mycobacterium vaccae</i> NCTC 11659 and <i>M. vaccae</i> ATCC 15483, on stress-resilient behaviors and lipid-immune signaling in rats. <i>Brain, Behavior, and Immunity</i> , 2021, 91, 212-229.	4.1	12
14	Lipophilic vs. hydrophilic statins and psychiatric hospitalizations and emergency room visits in US Veterans with schizophrenia and bipolar disorder. <i>Pteridines</i> , 2021, 32, 48-69.	0.5	4
15	Evaluation of the gut microbiome in association with biological signatures of inflammation in murine polytrauma and shock. <i>Scientific Reports</i> , 2021, 11, 6665.	3.3	7
16	Anxiety-related defensive behavioral responses in mice selectively bred for High and Low Activity. <i>Genes, Brain and Behavior</i> , 2021, 20, e12730.	2.2	3
17	Involvement of dorsal raphe nucleus serotonergic systems in social approach-avoidance behaviour and in the response to fluoxetine treatment in peri-adolescent female BALB/c mice. <i>Behavioural Brain Research</i> , 2021, 408, 113268.	2.2	7
18	<i>Toxoplasma gondii</i> , Suicidal Behavior, and Intermediate Phenotypes for Suicidal Behavior. <i>Frontiers in Psychiatry</i> , 2021, 12, 665682.	2.6	19

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19	Biological and Psychological Factors Determining Neuropsychiatric Outcomes in COVID-19. <i>Current Psychiatry Reports</i> , 2021, 23, 68.	4.5	17
20	Ruminiclostridium 5, Parabacteroides distasonis, 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
21	Characterization of the gut microbiota among Veterans with unique military-related exposures and high prevalence of chronic health conditions: A United States-Veteran Microbiome Project (US-VMP) study. <i>Brain, Behavior, &amp; Immunity - Health</i> , 2021, 18, 100346.	2.5	9
22	Evaluation of the effects of altitude on biological signatures of inflammation and anxiety- and depressive-like behavioral responses. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 111, 110331.	4.8	10
23	Dietary habits and the gut microbiota in military Veterans: results from the United States-Veteran Microbiome Project (US-VMP). <i>Gut Microbiome</i> , 2021, 2, .	3.2	6
24	Organic Cation Transporters and Nongenomic Glucocorticoid Action. <i>Handbook of Experimental Pharmacology</i> , 2021, 266, 241-251.	1.8	3
25	Rapidly Growing Mycobacterium Species: The Long and Winding Road from Tuberculosis Vaccines to Potent Stress-Resilience Agents. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12938.	4.1	9
26	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
27	Effects of repeated voluntary or forced exercise on brainstem serotonergic systems in rats. <i>Behavioural Brain Research</i> , 2020, 378, 112237.	2.2	8
28	The microbiome-gut-brain axis: The missing link in depression. , 2020, , 255-274.		1
29	Crh receptor priming in the bed nucleus of the stria terminalis (BNST) induces tph2 gene expression in the dorsomedial dorsal raphe nucleus and chronic anxiety. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 96, 109730.	4.8	15
30	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
31	Seasonal affective disorder and seasonal changes in weight and sleep duration are inversely associated with plasma adiponectin levels. <i>Journal of Psychiatric Research</i> , 2020, 122, 97-104.	3.1	6
32	Subcutaneous Mycobacterium vaccae 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
33	Alzheimer's Disease: Protective Effects of Mycobacterium vaccae, a Soil-Derived Mycobacterium with Anti-Inflammatory and Anti-Tubercular Properties, on the Proteomic Profiles of Plasma and Cerebrospinal Fluid in Rats. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 965-987.	2.6	4
34	Inflammation in Traumatic Brain Injury. <i>Journal of Alzheimer's Disease</i> , 2020, 74, 1-28.	2.6	36
35	Association of the Salivary Microbiome With Animal Contact During Early Life and Stress-Induced Immune Activation in Healthy Participants. <i>Frontiers in Psychiatry</i> , 2020, 11, 353.	2.6	3
36	Using loss- and gain-of-function approaches to target amygdala-projecting serotonergic neurons in the dorsal raphe nucleus that enhance anxiety-related and conditioned fear behaviors. <i>Journal of Psychopharmacology</i> , 2020, 34, 400-411.	4.0	7

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37	An empirically derived method for measuring human gut microbiome alpha diversity: Demonstrated utility in predicting health-related outcomes among a human clinical sample. PLoS ONE, 2020, 15, e0229204.	2.5	54
38	Repeated sleep disruption in mice leads to persistent shifts in the fecal microbiome and metabolome. PLoS ONE, 2020, 15, e0229001.	2.5	56
39	Increased brain vitamin D receptor expression and decreased expression of cathelicidin antimicrobial peptide in individuals who died by suicide. Journal of Psychiatric Research, 2020, 125, 75-84.	3.1	7
40	Serotonin and the neurobiology of anxious states. Handbook of Behavioral Neuroscience, 2020, 31, 505-520.	0.7	6
41	Effects of Immunization With the Soil-Derived Bacterium <i>Mycobacterium vaccae</i> on Stress Coping Behaviors and Cognitive Performance in a Two Hit-Stressor Model. Frontiers in Physiology, 2020, 11, 524833.	2.8	9
42	Effects of immunization with heat-killed <i>Mycobacterium vaccae</i> on autism spectrum disorder-like behavior and epileptogenesis in a rat model of comorbid autism and epilepsy. Brain, Behavior, and Immunity, 2020, 88, 763-780.	4.1	6
43	Periodontal Pathogens and Neuropsychiatric Health. Current Topics in Medicinal Chemistry, 2020, 20, 1353-1397.	2.1	11
44	Temporomandibular inflammation mobilizes parvalbumin and FosB/deltaFosB neurons of amygdala and dorsal raphe. Brazilian Journal of Medical and Biological Research, 2020, 53, e9950.	1.5	5
45	Repeated sleep disruption in mice leads to persistent shifts in the fecal microbiome and metabolome. , 2020, 15, e0229001.		0
46	Repeated sleep disruption in mice leads to persistent shifts in the fecal microbiome and metabolome. , 2020, 15, e0229001.		0
47	Repeated sleep disruption in mice leads to persistent shifts in the fecal microbiome and metabolome. , 2020, 15, e0229001.		0
48	Social approach, anxiety, and altered tryptophan hydroxylase 2 activity in juvenile BALB/c and C57BL/6J mice. Behavioural Brain Research, 2019, 359, 918-926.	2.2	11
49	Could Probiotics Be Used to Mitigate Neuroinflammation?. ACS Chemical Neuroscience, 2019, 10, 13-15.	3.5	25
50	Effects of maternal separation on serotonergic systems in the dorsal and median raphe nuclei of adult male Tph2-deficient mice. Behavioural Brain Research, 2019, 373, 112086.	2.2	15
51	<i>Toxoplasma gondii</i> Serointensity and Seropositivity: Heritability and Household-Related Associations in the Old Order Amish. International Journal of Environmental Research and Public Health, 2019, 16, 3732.	2.6	8
52	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. Psychopharmacology, 2019, 236, 1653-1670.	3.1	28
53	Treatment with a heat-killed preparation of <i>Mycobacterium vaccae</i> after fear conditioning enhances fear extinction in the fear-potentiated startle paradigm. Brain, Behavior, and Immunity, 2019, 81, 151-160.	4.1	18
54	Longitudinal homogenization of the microbiome between both occupants and the built environment in a cohort of United States Air Force Cadets. Microbiome, 2019, 7, 70.	11.1	33

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55	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
56	0110 Within-subject Consistency Of Increased Interleukin-6 Levels In Response To Combined Sleep Restriction And Circadian Misalignment In Humans. <i>Sleep</i> , 2019, 42, A45-A46.	1.1	0
57	Trait-like vulnerability of higher-order cognition and ability to maintain wakefulness during combined sleep restriction and circadian misalignment. <i>Sleep</i> , 2019, 42, .	1.1	12
58	Serotonin Deficiency Increases Context-Dependent Fear Learning Through Modulation of Hippocampal Activity. <i>Frontiers in Neuroscience</i> , 2019, 13, 245.	2.8	25
59	Traumatic Brain Injury and Suicidal Behavior: A Review. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 1339-1370.	2.6	20
60	<i>Toxoplasma gondii</i> IgG associations with sleepwake problems, sleep duration and timing. <i>Pteridines</i> , 2019, 30, 1-9.	0.5	6
61	Ten questions concerning the built environment and mental health. <i>Building and Environment</i> , 2019, 155, 58-69.	6.9	68
62	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
63	Local inhibition of uptake2 transporters augments stress-induced increases in serotonin in the rat central amygdala. <i>Neuroscience Letters</i> , 2019, 701, 119-124.	2.1	11
64	Mood Worsening on Days with High Pollen Counts is associated with a Summer Pattern of Seasonality. <i>Pteridines</i> , 2019, 30, 133-141.	0.5	3
65	0230 Preimmunization With a Non-pathogenic Bacterium <i>Mycobacterium vaccae</i> NCTC11659 Prevents the Development of Cortical Hyperarousal and a PTSD-like Sleep Phenotype Following Sleep Disruption Plus Acute Stress in Mice.. <i>Sleep</i> , 2019, 42, A94-A95.	1.1	3
66	Effects of chronic caffeine exposure during adolescence and subsequent acute caffeine challenge during adulthood on rat brain serotonergic systems. <i>Neuropharmacology</i> , 2019, 148, 257-271.	4.1	9
67	Serotonin actions within the prelimbic cortex induce anxiolysis mediated by serotonin 1a receptors. <i>Journal of Psychopharmacology</i> , 2019, 33, 3-11.	4.0	7
68	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
69	Interactions between whole-body heating and citalopram on body temperature, antidepressant-like behaviour, and neurochemistry in adolescent male rats. <i>Behavioural Brain Research</i> , 2019, 359, 428-439.	2.2	3
70	Old Friends, immunoregulation, and stress resilience. <i>Pflugers Archiv European Journal of Physiology</i> , 2019, 471, 237-269.	2.8	45
71	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
72	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

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73	Less immune activation following social stress in rural vs. urban participants raised with regular or no animal contact, respectively. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5259-5264.	7.1	62
74	Moderation of the relationship between Toxoplasma gondii seropositivity and trait impulsivity in younger men by the phenylalanine-tyrosine ratio. Psychiatry Research, 2018, 270, 992-1000.	3.3	8
75	Dorsal raphe nucleus glucocorticoid receptors inhibit tph2 gene expression in male C57BL/6J mice. Neuroscience Letters, 2018, 665, 48-53.	2.1	13
76	Acute Administration of the Nonpathogenic, Saprophytic Bacterium, Mycobacterium vaccae, Induces Activation of Serotonergic Neurons in the Dorsal Raphe Nucleus and Antidepressant-Like Behavior in Association with Mild Hypothermia. Cellular and Molecular Neurobiology, 2018, 38, 289-304.	3.3	23
77	The Gut Microbiome and Mental Health: Implications for Anxiety- and Trauma-Related Disorders. OMICS A Journal of Integrative Biology, 2018, 22, 90-107.	2.0	110
78	Military-Related Exposures, Social Determinants of Health, and Dysbiosis: The United States-Veteran Microbiome Project (US-VMP). Frontiers in Cellular and Infection Microbiology, 2018, 8, 400.	3.9	15
79	The Canmore Declaration: Statement of Principles for Planetary Health. Challenges, 2018, 9, 31.	1.7	70
80	Immunization with Mycobacterium vaccae induces an anti-inflammatory milieu in the CNS: Attenuation of stress-induced microglial priming, alarmins and anxiety-like behavior. Brain, Behavior, and Immunity, 2018, 73, 352-363.	4.1	66
81	Childhood Microbial Experience, Immunoregulation, Inflammation, and Adult Susceptibility to Psychosocial Stressors and Depression. , 2018, , 17-44.		3
82	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. Neuroscience, 2018, 386, 1-15.	2.3	16
83	Mycobacterium vaccae immunization protects aged rats from surgery-elicited neuroinflammation and cognitive dysfunction. Neurobiology of Aging, 2018, 71, 105-114.	3.1	45
84	Organic cation transporter 3: A cellular mechanism underlying rapid, non-genomic glucocorticoid regulation of monoaminergic neurotransmission, physiology, and behavior. Hormones and Behavior, 2018, 104, 173-182.	2.1	30
85	Involvement of Serotonergic and Relaxin-3 Neuropeptide Systems in the Expression of Anxiety-like Behavior. Neuroscience, 2018, 390, 88-103.	2.3	9
86	Whole-Body Heating: An Emerging Therapeutic Approach to Treatment of Major Depressive Disorder. Focus (American Psychiatric Publishing), 2018, 16, 259-265.	0.8	5
87	Individual differences in stress vulnerability: The role of gut pathobionts in stress-induced colitis. Brain, Behavior, and Immunity, 2017, 64, 23-32.	4.1	68
88	Disinhibition of the rat prelimbic cortex promotes serotonergic activation of the dorsal raphe nucleus and panicolytic-like behavioral effects. Journal of Psychopharmacology, 2017, 31, 704-714.	4.0	11
89	Whole-body hyperthermia and a subthreshold dose of citalopram act synergistically to induce antidepressant-like behavioral responses in adolescent rats. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 79, 162-168.	4.8	8
90	Growing literature but limited evidence: A systematic review regarding prebiotic and probiotic interventions for those with traumatic brain injury and/or posttraumatic stress disorder. Brain, Behavior, and Immunity, 2017, 65, 57-67.	4.1	55

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91	Heritability of plasma neopterin levels in the Old Order Amish. <i>Journal of Neuroimmunology</i> , 2017, 307, 37-41.	2.3	5
92	Mental Health in Allergic Rhinitis: Depression and Suicidal Behavior. <i>Current Treatment Options in Allergy</i> , 2017, 4, 71-97.	2.2	40
93	Activation of 5-HT <sub>1A</sub> 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
94	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
95	Positive association between <i>Toxoplasma gondii</i> IgG serointensity and current dysphoria/hopelessness scores in the Old Order Amish: a preliminary study. <i>Pteridines</i> , 2017, 28, 185-194.	0.5	8
96	Stress, Panic, and Central Serotonergic Inhibition. , 2017, , 153-164.		6
97	The Microbiome in Posttraumatic Stress Disorder and Trauma-Exposed Controls: An Exploratory Study. <i>Psychosomatic Medicine</i> , 2017, 79, 936-946.	2.0	153
98	Sleep onset insomnia, daytime sleepiness and sleep duration in relationship to <i>Toxoplasma gondii</i> IgG seropositivity and serointensity. <i>Pteridines</i> , 2017, 28, 195-204.	0.5	7
99	Seasonality of blood neopterin levels in the Old Order Amish. <i>Pteridines</i> , 2017, 28, 163-176.	0.5	3
100	Blood Levels of Monoamine Precursors and Smoking in Patients with Schizophrenia. <i>Frontiers in Public Health</i> , 2016, 4, 182.	2.7	5
101	Reciprocal moderation by <i>Toxoplasma gondii</i> seropositivity and blood phenylalanine tyrosine ratio of their associations with trait aggression. <i>Pteridines</i> , 2016, 27, 77-85.	0.5	8
102	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
103	Tryptophan Metabolism and White Matter Integrity in Schizophrenia. <i>Neuropsychopharmacology</i> , 2016, 41, 2587-2595.	5.4	60
104	Whole-Body Hyperthermia for the Treatment of Major Depressive Disorder. <i>JAMA Psychiatry</i> , 2016, 73, 789.	11.0	102
105	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
106	Hyperthermia for Major Depressive Disorder—Reply. <i>JAMA Psychiatry</i> , 2016, 73, 1096.	11.0	1
107	The Microbiota, Immunoregulation, and Mental Health: Implications for Public Health. <i>Current Environmental Health Reports</i> , 2016, 3, 270-286.	6.7	150
108	The Microbiome of the Built Environment and Human Behavior. <i>International Review of Neurobiology</i> , 2016, 131, 289-323.	2.0	47

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109	Serotonergic systems in the balance: CRHR1 and CRHR2 differentially control stress-induced serotonin synthesis. <i>Psychoneuroendocrinology</i> , 2016, 63, 178-190.	2.7	44
110	Combined <i>Toxoplasma gondii</i> seropositivity and high blood kynurenine â€“ Linked with nonfatal suicidal self-directed violence in patients with schizophrenia. <i>Journal of Psychiatric Research</i> , 2016, 72, 74-81.	3.1	29
111	The microbiome of the built environment and mental health. <i>Microbiome</i> , 2015, 3, 60.	11.1	72
112	Role of the dorsomedial hypothalamus in glucocorticoid-mediated feedback inhibition of the hypothalamicâ€“pituitaryâ€“adrenal axis. <i>Stress</i> , 2015, 18, 76-87.	1.8	15
113	Greater glucocorticoid receptor activation in hippocampus of aged rats sensitizes microglia. <i>Neurobiology of Aging</i> , 2015, 36, 1483-1495.	3.1	62
114	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
115	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
116	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
117	Fibroblast Growth Factor 8 Deficiency Compromises the Functional Response of the Serotonergic System to Stress. <i>PLoS ONE</i> , 2014, 9, e101420.	2.5	4
118	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 &amp; Anxiety Disorders</i> , 2014, 4, 1.	4.7	26
119	Fibroblast growth factor deficiencies impact anxiety-like behavior and the serotonergic system. <i>Behavioural Brain Research</i> , 2014, 264, 74-81.	2.2	14
120	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
121	Microbiota, Immunoregulatory Old Friends and Psychiatric Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2014, 817, 319-356.	1.6	96
122	The Deakin/Graeff hypothesis: Focus on serotonergic inhibition of panic. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 46, 379-396.	6.1	69
123	MicroRNA 135 Is Essential for Chronic Stress Resiliency, Antidepressant Efficacy, and Intact Serotonergic Activity. <i>Neuron</i> , 2014, 83, 344-360.	8.1	321
124	Somatic influences on subjective well-being and affective disorders: the convergence of therosensory and central serotonergic systems. <i>Frontiers in Psychology</i> , 2014, 5, 1580.	2.1	38
125	Sex differences in anxiety and emotional behavior. <i>Pflugers Archiv European Journal of Physiology</i> , 2013, 465, 601-626.	2.8	263
126	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



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127	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
128	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
129	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
130	Development–environment interactions control tph2 mRNA expression. <i>Neuroscience</i> , 2013, 237, 139-150.	2.3	26
131	Microbial “Old Friends”™, immunoregulation and stress resilience. <i>Evolution, Medicine and Public Health</i> , 2013, 2013, 46-64.	2.5	167
132	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
133	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
134	Corticotropin-releasing factor-related peptides, serotonergic systems, and emotional behavior. <i>Frontiers in Neuroscience</i> , 2013, 7, 169.	2.8	75
135	Activation of the Orexin 1 Receptor is a Critical Component of CO2-Mediated Anxiety and Hypertension but not Bradycardia. <i>Neuropsychopharmacology</i> , 2012, 37, 1911-1922.	5.4	95
136	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
137	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
138	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
139	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
140	Circadian and wakefulness-sleep modulation of cognition in humans. <i>Frontiers in Molecular Neuroscience</i> , 2012, 5, 50.	2.9	142
141	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
142	ELEVATED tph2 mRNA EXPRESSION IN A RAT MODEL OF CHRONIC ANXIETY. <i>Depression and Anxiety</i> , 2012, 29, 307-319.	4.1	49
143	Can we vaccinate against depression?. <i>Drug Discovery Today</i> , 2012, 17, 451-458.	6.4	34
144	Post-weaning social isolation of female rats, anxiety-related behavior, and serotonergic systems. <i>Brain Research</i> , 2012, 1443, 1-17.	2.2	36

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145	Chronic non-invasive corticosterone administration abolishes the diurnal pattern of tph2 expression. <i>Psychoneuroendocrinology</i> , 2012, 37, 645-661.	2.7	66
146	Lymphocytes in neuroprotection, cognition and emotion: Is intolerance really the answer?. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 591-601.	4.1	39
147	Development by environment interactions controlling tryptophan hydroxylase expression. <i>Journal of Chemical Neuroanatomy</i> , 2011, 41, 219-226.	2.1	23
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