

Christopher A Lowry

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

209
papers

8,499
citations

56
h-index

84
g-index

218
ext. papers

9,846
ext. citations

5.5
avg, IF

6.25
L-index

#	Paper	IF	Citations
209	Twenty Important Research Questions in Microbial Exposure and Social Equity.. <i>MSystems</i> , 2022 , e01240216	7.1	3
208	Mycobacterium vaccae immunization in rats ameliorates features of age-associated microglia activation in the amygdala and hippocampus.. <i>Scientific Reports</i> , 2022 , 12, 2165	4.9	0
207	The Influence of the Microbiota on Brain Structure and Function: Implications for Stress-Related Neuropsychiatric Disorders 2022 , 267-337		1
206	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 , 2698811221089039	4.6	0
205	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	5	1
204	Rapidly Growing Species: The Long and Winding Road from Tuberculosis Vaccines to Potent Stress-Resilience Agents. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
203	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> , 2021 , 56, 24-38	1.2	2
202	Organic Cation Transporters and Nongenomic Glucocorticoid Action. <i>Handbook of Experimental Pharmacology</i> , 2021 , 266, 241-251	3.2	2
201	Evaluation of the gut microbiome in association with biological signatures of inflammation in murine polytrauma and shock. <i>Scientific Reports</i> , 2021 , 11, 6665	4.9	1
200	Anxiety-related defensive behavioral responses in mice selectively bred for High and Low Activity. <i>Genes, Brain and Behavior</i> , 2021 , 20, e12730	3.6	0
199	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	3.4	2
198	, Suicidal Behavior, and Intermediate Phenotypes for Suicidal Behavior. <i>Frontiers in Psychiatry</i> , 2021 , 12, 665682	5	7
197	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	10.2	4
196	Immunization with a heat-killed bacterium, Mycobacterium vaccae 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	6
195	Whole-Genome Sequencing of Inbred Mouse Strains Selected for High and Low Open-Field Activity. <i>Behavior Genetics</i> , 2021 , 51, 68-81	3.2	1
194	A brief review on the mental health for select elements of the built environment. <i>Indoor and Built Environment</i> , 2021 , 30, 152-165	1.8	12
193	Comparing the effects of two different strains of mycobacteria, Mycobacterium vaccae NCTC 11659 and M. vaccae ATCC 15483, on stress-resilient behaviors and lipid-immune signaling in rats. <i>Brain, Behavior, and Immunity</i> , 2021 , 91, 212-229	16.6	6

192	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	0.6	
191	Biological and Psychological Factors Determining Neuropsychiatric Outcomes in COVID-19. <i>Current Psychiatry Reports</i> , 2021 , 23, 68	9.1	1
190	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	16.6	6
189	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, & Immunity - Health</i> , 2021 , 18, 100346	5.1	1
188	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	5.5	4
187	Inflammation in Traumatic Brain Injury. <i>Journal of Alzheimer's Disease</i> , 2020 , 74, 1-28	4.3	10
186	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	5	1
185	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	4.6	2
184	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	3.7	24
183	Repeated sleep disruption in mice leads to persistent shifts in the fecal microbiome and metabolome. <i>PLoS ONE</i> , 2020 , 15, e0229001	3.7	20
182	Increased brain vitamin D receptor expression and decreased expression of cathelicidin antimicrobial peptide in individuals who died by suicide. <i>Journal of Psychiatric Research</i> , 2020 , 125, 75-84	5.2	2
181	Serotonin and the neurobiology of anxious states. <i>Handbook of Behavioral Neuroscience</i> , 2020 , 31, 505-520	5.0	1
180	Periodontal Pathogens and Neuropsychiatric Health. <i>Current Topics in Medicinal Chemistry</i> , 2020 , 20, 1353-1397	3	7
179	Temporomandibular inflammation mobilizes parvalbumin and FosB/deltaFosB neurons of amygdala and dorsal raphe. <i>Brazilian Journal of Medical and Biological Research</i> , 2020 , 53, e9950	2.8	2
178	Effects of immunization with heat-killed Mycobacterium vaccae on autism spectrum disorder-like behavior and epileptogenesis in a rat model of comorbid autism and epilepsy. <i>Brain, Behavior, and Immunity</i> , 2020 , 88, 763-780	16.6	4
177	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	5.2	4
176	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	16.6	11
175	Old Friends Immunoregulation und Stressresilienz. <i>Nervenheilkunde</i> , 2020 , 39, 55-66	0.3	

174	Old Friends—Immunregulation und Stressresilienz. <i>Nervenheilkunde</i> , 2020 , 39, 47-54	0.3	
173	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	4.3	2
172	Effects of repeated voluntary or forced exercise on brainstem serotonergic systems in rats. <i>Behavioural Brain Research</i> , 2020 , 378, 112237	3.4	7
171	The microbiome-gut-brain axis: The missing link in depression 2020 , 255-274		
170	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	5.5	9
169	Finding intestinal fortitude: Integrating the microbiome into a holistic view of depression mechanisms, treatment, and resilience. <i>Neurobiology of Disease</i> , 2020 , 135, 104578	7.5	20
168	Effects of Immunization With the Soil-Derived Bacterium on Stress Coping Behaviors and Cognitive Performance in a "Two Hit" Stressor Model. <i>Frontiers in Physiology</i> , 2020 , 11, 524833	4.6	7
167	Repeated sleep disruption in mice leads to persistent shifts in the fecal microbiome and metabolome 2020 , 15, e0229001		
166	Repeated sleep disruption in mice leads to persistent shifts in the fecal microbiome and metabolome 2020 , 15, e0229001		
165	Repeated sleep disruption in mice leads to persistent shifts in the fecal microbiome and metabolome 2020 , 15, e0229001		
164	Serointensity and Seropositivity: Heritability and Household-Related Associations in the Old Order Amish. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	5
163	Identification and characterization of a novel anti-inflammatory lipid isolated from Mycobacterium vaccae, a soil-derived bacterium with immunoregulatory and stress resilience properties. <i>Psychopharmacology</i> , 2019 , 236, 1653-1670	4.7	16
162	Treatment with a heat-killed preparation of Mycobacterium vaccae after fear conditioning enhances fear extinction in the fear-potentiated startle paradigm. <i>Brain, Behavior, and Immunity</i> , 2019 , 81, 151-160	16.6	12
161	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	16.6	17
160	Intranasal Mycobacterium vaccae administration prevents stress-induced aggravation of dextran sulfate sodium (DSS) colitis. <i>Brain, Behavior, and Immunity</i> , 2019 , 80, 595-604	16.6	9
159	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	
158	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	6
157	Serotonin Deficiency Increases Context-Dependent Fear Learning Through Modulation of Hippocampal Activity. <i>Frontiers in Neuroscience</i> , 2019 , 13, 245	5.1	12

156	Traumatic Brain Injury and Suicidal Behavior: A Review. <i>Journal of Alzheimer's Disease</i> , 2019 , 68, 1339-1370,	13
155	IgG associations with sleep-wake problems, sleep duration and timing. <i>Pteridines</i> , 2019 , 30, 1-9	0.6 4
154	Ten questions concerning the built environment and mental health. <i>Building and Environment</i> , 2019 , 155, 58-69	6.5 31
153	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	9 20
152	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	3.4 8
151	Could Probiotics Be Used to Mitigate Neuroinflammation?. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 13-15	5.7 11
150	Effects of maternal separation on serotonergic systems in the dorsal and median raphe nuclei of adult male Tph2-deficient mice. <i>Behavioural Brain Research</i> , 2019 , 373, 112086	3.4 7
149	Local inhibition of uptake transporters augments stress-induced increases in serotonin in the rat central amygdala. <i>Neuroscience Letters</i> , 2019 , 701, 119-124	3.3 9
148	Mood Worsening on Days with High Pollen Counts is associated with a Summer Pattern of Seasonality. <i>Pteridines</i> , 2019 , 30, 133-141	0.6 3
147	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 2
146	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	5.5 5
145	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	16.6 13
144	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	3.4 3
143	Old Friends, immunoregulation, and stress resilience. <i>Pflugers Archiv European Journal of Physiology</i> , 2019 , 471, 237-269	4.6 29
142	Two models of inescapable stress increase mRNA expression in the anxiety-related dorsomedial part of the dorsal raphe nucleus. <i>Neurobiology of Stress</i> , 2018 , 8, 68-81	7.6 19
141	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	11.5 104
140	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	11.5 40
139	Moderation of the relationship between <i>Toxoplasma gondii</i> seropositivity and trait impulsivity in younger men by the phenylalanine-tyrosine ratio. <i>Psychiatry Research</i> , 2018 , 270, 992-1000	9.9 7

138	Mycobacterium vaccae immunization protects aged rats from surgery-elicited neuroinflammation and cognitive dysfunction. <i>Neurobiology of Aging</i> , 2018 , 71, 105-114	5.6	31
137	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	3.7	18
136	Involvement of Serotonergic and Relaxin-3 Neuropeptide Systems in the Expression of Anxiety-like Behavior. <i>Neuroscience</i> , 2018 , 390, 88-103	3.9	7
135	Whole-Body Heating: An Emerging Therapeutic Approach to Treatment of Major Depressive Disorder. <i>Focus (American Psychiatric Publishing)</i> , 2018 , 16, 259-265	1.1	3
134	Serotonin actions within the prelimbic cortex induce anxiolysis mediated by serotonin 1a receptors. <i>Journal of Psychopharmacology</i> , 2018 , 269881118817384	4.6	4
133	Dorsal raphe nucleus glucocorticoid receptors inhibit tph2 gene expression in male C57BL/6J mice. <i>Neuroscience Letters</i> , 2018 , 665, 48-53	3.3	12
132	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. <i>Cellular and Molecular Neurobiology</i> , 2018 , 38, 289-304	4.6	14
131	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	3.8	76
130	Military-Related Exposures, Social Determinants of Health, and Dysbiosis: The United States-Veteran Microbiome Project (US-VMP). <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 400	5.9	6
129	The Canmore Declaration: Statement of Principles for Planetary Health. <i>Challenges</i> , 2018 , 9, 31	3.4	41
128	Immunization with Mycobacterium vaccae 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	16.6	48
127	Childhood Microbial Experience, Immunoregulation, Inflammation, and Adult Susceptibility to Psychosocial Stressors and Depression 2018 , 17-44		3
126	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	3.9	11
125	Individual differences in stress vulnerability: The role of gut pathobionts in stress-induced colitis. <i>Brain, Behavior, and Immunity</i> , 2017 , 64, 23-32	16.6	42
124	Disinhibition of the rat prelimbic cortex promotes serotonergic activation of the dorsal raphe nucleus and panicolytic-like behavioral effects. <i>Journal of Psychopharmacology</i> , 2017 , 31, 704-714	4.6	9
123	Whole-body hyperthermia and a subthreshold dose of citalopram act synergistically to induce antidepressant-like behavioral responses in adolescent rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017 , 79, 162-168	5.5	7
122	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	16.6	38
121	Heritability of plasma neopterin levels in the Old Order Amish. <i>Journal of Neuroimmunology</i> , 2017 , 307, 37-41	3.5	4

120	Mental Health in Allergic Rhinitis: Depression and Suicidal Behavior. <i>Current Treatment Options in Allergy</i> , 2017 , 4, 71-97	1	23
119	Activation of 5-HT receptors in the rat dorsomedial hypothalamus inhibits stress-induced activation of the hypothalamic-pituitary-adrenal axis. <i>Stress</i> , 2017 , 20, 223-230	3	8
118	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	16.6	30
117	Positive association between IgG serointensity and current dysphoria/hopelessness scores in the Old Order Amish: a preliminary study. <i>Pteridines</i> , 2017 , 28, 185-194	0.6	8
116	Stress, Panic, and Central Serotonergic Inhibition 2017 , 153-164		2
115	The Microbiome in Posttraumatic Stress Disorder and Trauma-Exposed Controls: An Exploratory Study. <i>Psychosomatic Medicine</i> , 2017 , 79, 936-946	3.7	100
114	Sleep onset insomnia, daytime sleepiness and sleep duration in relationship to IgG seropositivity and serointensity. <i>Pteridines</i> , 2017 , 28, 195-204	0.6	4
113	Seasonality of blood neopterin levels in the Old Order Amish. <i>Pteridines</i> , 2017 , 28, 163-176	0.6	2
112	Serotonergic systems in the balance: CRHR1 and CRHR2 differentially control stress-induced serotonin synthesis. <i>Psychoneuroendocrinology</i> , 2016 , 63, 178-90	5	27
111	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	5.2	25
110	Hyperthermia for Major Depressive Disorder?-Reply. <i>JAMA Psychiatry</i> , 2016 , 73, 1096-1097	14.5	1
109	The Microbiota, Immunoregulation, and Mental Health: Implications for Public Health. <i>Current Environmental Health Reports</i> , 2016 , 3, 270-86	6.5	126
108	The Microbiome of the Built Environment and Human Behavior: Implications for Emotional Health and Well-Being in Postmodern Western Societies. <i>International Review of Neurobiology</i> , 2016 , 131, 289-323	4.4	40
107	Blood Levels of Monoamine Precursors and Smoking in Patients with Schizophrenia. <i>Frontiers in Public Health</i> , 2016 , 4, 182	6	3
106	Reciprocal moderation by seropositivity and blood phenylalanine - tyrosine ratio of their associations with trait aggression. <i>Pteridines</i> , 2016 , 27, 77-85	0.6	6
105	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	11.5	137
104	Tryptophan Metabolism and White Matter Integrity in Schizophrenia. <i>Neuropsychopharmacology</i> , 2016 , 41, 2587-95	8.7	36
103	Whole-Body Hyperthermia for the Treatment of Major Depressive Disorder: A Randomized Clinical Trial. <i>JAMA Psychiatry</i> , 2016 , 73, 789-95	14.5	67

102	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	5	40
101	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, 270-84	3.9	18
100	Pharmacological depletion of serotonin in the basolateral amygdala complex reduces anxiety and disrupts fear conditioning. <i>Pharmacology Biochemistry and Behavior</i> , 2015 , 138, 174-9	3.9	32
99	Hygiene and other early childhood influences on the subsequent function of the immune system. <i>Brain Research</i> , 2015 , 1617, 47-62	3.7	64
98	Brain Monoaminergic Systems in Stress Neuroendocrinology 2015 , 19-42		
97	The microbiome of the built environment and mental health. <i>Microbiome</i> , 2015 , 3, 60	16.6	57
96	Role of the dorsomedial hypothalamus in glucocorticoid-mediated feedback inhibition of the hypothalamic-pituitary-adrenal axis. <i>Stress</i> , 2015 , 18, 76-87	3	14
95	Greater glucocorticoid receptor activation in hippocampus of aged rats sensitizes microglia. <i>Neurobiology of Aging</i> , 2015 , 36, 1483-95	5.6	50
94	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, 15070-82	6.6	50
93	Microbiota, immunoregulatory old friends and psychiatric disorders. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 817, 319-56	3.6	74
92	The Deakin/Graeff hypothesis: focus on serotonergic inhibition of panic. <i>Neuroscience and Biobehavioral Reviews</i> , 2014 , 46 Pt 3, 379-96	9	49
91	MicroRNA 135 is essential for chronic stress resiliency, antidepressant efficacy, and intact serotonergic activity. <i>Neuron</i> , 2014 , 83, 344-360	13.9	270
90	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	3.4	30
89	Fibroblast growth factor 8 deficiency compromises the functional response of the serotonergic system to stress. <i>PLoS ONE</i> , 2014 , 9, e101420	3.7	4
88	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		17
87	Fibroblast growth factor deficiencies impact anxiety-like behavior and the serotonergic system. <i>Behavioural Brain Research</i> , 2014 , 264, 74-81	3.4	10
86	Sex differences in anxiety and emotional behavior. <i>Pflugers Archiv European Journal of Physiology</i> , 2013 , 465, 601-26	4.6	186
85	Functional topography of serotonergic systems supports the Deakin/Graeff hypothesis of anxiety and affective disorders. <i>Journal of Psychopharmacology</i> , 2013 , 27, 1090-106	4.6	85

84	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, 221-34	3.9	13
83	Angiotensin II's role in sodium lactate-induced panic-like responses in rats with repeated urocortin 1 injections into the basolateral amygdala: amygdalar angiotensin receptors and panic. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013 , 44, 248-56	5.5	14
82	Integrative physiology of depression and antidepressant drug action: implications for serotonergic mechanisms of action and novel therapeutic strategies for treatment of depression. <i>Pharmacology & Therapeutics</i> , 2013 , 137, 108-18	13.9	42
81	Development Environment interactions control tph2 mRNA expression. <i>Neuroscience</i> , 2013 , 237, 139-50	3.9	26
80	Microbial Old Friends immunoregulation and stress resilience. <i>Evolution, Medicine and Public Health</i> , 2013 , 2013, 46-64	3	128
79	Whole-body hyperthermia for the treatment of major depression: associations with thermoregulatory cooling. <i>American Journal of Psychiatry</i> , 2013 , 170, 802-4	11.9	42
78	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, 479-90	3.5	17
77	Corticotropin-releasing factor-related peptides, serotonergic systems, and emotional behavior. <i>Frontiers in Neuroscience</i> , 2013 , 7, 169	5.1	54
76	Can we vaccinate against depression?. <i>Drug Discovery Today</i> , 2012 , 17, 451-8	8.8	30
75	Post-weaning social isolation of female rats, anxiety-related behavior, and serotonergic systems. <i>Brain Research</i> , 2012 , 1443, 1-17	3.7	28
74	Chronic non-invasive corticosterone administration abolishes the diurnal pattern of tph2 expression. <i>Psychoneuroendocrinology</i> , 2012 , 37, 645-61	5	57
73	Serotonin transporter gene, stress and raphe-raphe interactions: a molecular mechanism of depression. <i>Trends in Neurosciences</i> , 2012 , 35, 395-402	13.3	59
72	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, 437-47	7.9	27
71	Orexin 1 receptors are a novel target to modulate panic responses and the panic brain network. <i>Physiology and Behavior</i> , 2012 , 107, 733-42	3.5	77
70	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, 719-25	3.5	21
69	Circadian and wakefulness-sleep modulation of cognition in humans. <i>Frontiers in Molecular Neuroscience</i> , 2012 , 5, 50	6.1	109
68	Stress-related serotonergic systems: implications for symptomatology of anxiety and affective disorders. <i>Cellular and Molecular Neurobiology</i> , 2012 , 32, 695-708	4.6	131
67	Elevated tph2 mRNA expression in a rat model of chronic anxiety. <i>Depression and Anxiety</i> , 2012 , 29, 307-84	3.4	39

66	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, 1911-22	8.7	81
65	Lymphocytes in neuroprotection, cognition and emotion: is intolerance really the answer?. <i>Brain, Behavior, and Immunity</i> , 2011 , 25, 591-601	16.6	33
64	Development by environment interactions controlling tryptophan hydroxylase expression. <i>Journal of Chemical Neuroanatomy</i> , 2011 , 41, 219-26	3.2	22
63	Investigation of a central nucleus of the amygdala/dorsal raphe nucleus serotonergic circuit implicated in fear-potentiated startle. <i>Neuroscience</i> , 2011 , 179, 104-19	3.9	49
62	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	3.9	27
61	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, 251-68	3.9	41
60	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, 264-78	5.7	43
59	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, 272-82	3.5	63
58	Functional topography of midbrain and pontine serotonergic systems: implications for synaptic regulation of serotonergic circuits. <i>Psychopharmacology</i> , 2011 , 213, 243-64	4.7	177
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