

John F Cryan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/399888/publications.pdf>

Version: 2024-02-01

294
papers

37,479
citations

6592

79
h-index

3563

181
g-index

298
all docs

298
docs citations

298
times ranked

32370
citing authors

#	ARTICLE	IF	CITATIONS
1	Enduring effects of an unhealthy diet during adolescence on systemic but not neurobehavioural measures in adult rats. <i>Nutritional Neuroscience</i> , 2022, 25, 657-669.	1.5	3
2	Associations between Mental Health, Alcohol Consumption and Drinking Motives during COVID-19's Second Lockdown in Ireland. <i>Alcohol and Alcoholism</i> , 2022, 57, 211-218.	0.9	12
3	The impact of the prolonged COVID-19 pandemic on stress resilience and mental health: A critical review across waves. <i>European Neuropsychopharmacology</i> , 2022, 55, 22-83.	0.3	200
4	Prior maternal separation stress alters the dendritic complexity of new hippocampal neurons and neuroinflammation in response to an inflammatory stressor in juvenile female rats. <i>Brain, Behavior, and Immunity</i> , 2022, 99, 327-338.	2.0	8
5	The immune-kynurenine pathway in social anxiety disorder. <i>Brain, Behavior, and Immunity</i> , 2022, 99, 317-326.	2.0	27
6	Animal Models for Assessing Impact of C-Section Delivery on Biological Systems. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, , 104555.	2.9	2
7	Short chain fatty acids: Microbial metabolites for gut-brain axis signalling. <i>Molecular and Cellular Endocrinology</i> , 2022, 546, 111572.	1.6	117
8	Microbiota and body weight control: Weight watchers within?. <i>Molecular Metabolism</i> , 2022, 57, 101427.	3.0	25
9	The 4E approach to the human microbiome: Nested interactions between the gut-brain/body system within natural and built environments. <i>BioEssays</i> , 2022, 44, e2100249.	1.2	5
10	Debugging the gut-brain axis in depression. <i>Cell Host and Microbe</i> , 2022, 30, 281-283.	5.1	6
11	â€œDigging in the Dirtâ€-faecal microRNAs as dietary biomarkers of host-microbe interactions. <i>Hepatobiliary Surgery and Nutrition</i> , 2022, 11, 292-294.	0.7	2
12	Supplementation with milk fat globule membrane from early life reduces maternal separation-induced visceral pain independent of enteric nervous system or intestinal permeability changes in the rat. <i>Neuropharmacology</i> , 2022, 210, 109026.	2.0	7
13	The impact of psychosocial defeat stress on the bed nucleus of the stria terminalis transcriptome in adult male mice. <i>European Journal of Neuroscience</i> , 2022, 55, 67-77.	1.2	7
14	Taxonomic and Functional Fecal Microbiota Signatures Associated With Insulin Resistance in Non-Diabetic Subjects With Overweight/Obesity Within the Frame of the PREDIMED-Plus Study. <i>Frontiers in Endocrinology</i> , 2022, 13, 804455.	1.5	19
15	Distinct post-sepsis induced neurochemical alterations in two mouse strains. <i>Brain, Behavior, and Immunity</i> , 2022, 104, 39-53.	2.0	7
16	The role of the gut microbiome in the development of schizophrenia. <i>Schizophrenia Research</i> , 2021, 234, 4-23.	1.1	60
17	Molecular, biochemical and behavioural evidence for a novel oxytocin receptor and serotonin 2C receptor heterocomplex. <i>Neuropharmacology</i> , 2021, 183, 108394.	2.0	19
18	Dietary vitamin A supplementation prevents early obesogenic diet-induced microbiota, neuronal and cognitive alterations. <i>International Journal of Obesity</i> , 2021, 45, 588-598.	1.6	18

#	ARTICLE	IF	CITATIONS
19	Volatility as a Concept to Understand the Impact of Stress on the Microbiome. <i>Psychoneuroendocrinology</i> , 2021, 124, 105047.	1.3	54
20	A biological framework for emotional dysregulation in alcohol misuse: from gut to brain. <i>Molecular Psychiatry</i> , 2021, 26, 1098-1118.	4.1	33
21	<i>Bifidobacterium longum</i> counters the effects of obesity: Partial successful translation from rodent to human. <i>EBioMedicine</i> , 2021, 63, 103176.	2.7	64
22	Strain differences in behaviour and immunity in aged mice: Relevance to Autism. <i>Behavioural Brain Research</i> , 2021, 399, 113020.	1.2	12
23	Increased negative affect when combining early-life maternal deprivation with adolescent, but not adult, cocaine exposure in male rats: regulation of hippocampal FADD. <i>Psychopharmacology</i> , 2021, 238, 411-420.	1.5	10
24	Psychobiotics: Evolution of Novel Antidepressants. <i>Modern Trends in Psychiatry</i> , 2021, 32, 134-143.	2.1	10
25	Investigating causality with fecal microbiota transplantation in rodents: applications, recommendations and pitfalls. <i>Gut Microbes</i> , 2021, 13, 1941711.	4.3	59
26	Guidelines for reporting on animal fecal transplantation (GRAFT) studies: recommendations from a systematic review of murine transplantation protocols. <i>Gut Microbes</i> , 2021, 13, 1979878.	4.3	38
27	DNA Methylation Profiles of Tph1A and BDNF in Gut and Brain of L. Rhamnosus-Treated Zebrafish. <i>Biomolecules</i> , 2021, 11, 142.	1.8	21
28	eNEUROANAT-CF: a Conceptual Instructional Design Framework for Neuroanatomy e-Learning Tools. <i>Medical Science Educator</i> , 2021, 31, 777-785.	0.7	2
29	Psychotropic Drugs and the Microbiome. <i>Modern Trends in Psychiatry</i> , 2021, 32, 113-133.	2.1	8
30	Microbiota-Gut-Brain axis as a regulator of reward processes. <i>Journal of Neurochemistry</i> , 2021, 157, 1495-1524.	2.1	60
31	Going with the grain: Fiber, cognition, and the microbiota-gut-brain-axis. <i>Experimental Biology and Medicine</i> , 2021, 246, 796-811.	1.1	47
32	Gut peptides and the microbiome: focus on ghrelin. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2021, 28, 243-252.	1.2	36
33	The Microbiota-Gut-Brain Axis in Mental Health and Medication Response: Parsing Directionality and Causality. <i>International Journal of Neuropsychopharmacology</i> , 2021, 24, 216-220.	1.0	8
34	The gut microbiome influences the bioavailability of olanzapine in rats. <i>EBioMedicine</i> , 2021, 66, 103307.	2.7	38
35	Prebiotic and probiotic supplementation and the tryptophan-kynurenine pathway: A systematic review and meta analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 123, 1-13.	2.9	39
36	Maternal antibiotic administration during a critical developmental window has enduring neurobehavioural effects in offspring mice. <i>Behavioural Brain Research</i> , 2021, 404, 113156.	1.2	26

#	ARTICLE	IF	CITATIONS
37	The Microbiota-Gut-Brain Axis: From Motility to Mood. <i>Gastroenterology</i> , 2021, 160, 1486-1501.	0.6	356
38	Specific sub-regions along the longitudinal axis of the hippocampus mediate antidepressant-like behavioral effects. <i>Neurobiology of Stress</i> , 2021, 14, 100331.	1.9	9
39	Protein quality and quantity influence the effect of dietary fat on weight gain and tissue partitioning via host-microbiota changes. <i>Cell Reports</i> , 2021, 35, 109093.	2.9	8
40	Acute stress increases monocyte levels and modulates receptor expression in healthy females. <i>Brain, Behavior, and Immunity</i> , 2021, 94, 463-468.	2.0	7
41	Dairy alters the microbiome, are we but skimming the surface?. <i>EBioMedicine</i> , 2021, 68, 103417.	2.7	0
42	Antidepressant-like effects of cannabidiol in a rat model of early-life stress with or without adolescent cocaine exposure. <i>Pharmacological Reports</i> , 2021, 73, 1195-1202.	1.5	10
43	Mining microbes for mental health: Determining the role of microbial metabolic pathways in human brain health and disease. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 125, 698-761.	2.9	80
44	The alternative serotonin transporter promoter P2 impacts gene function in females with irritable bowel syndrome. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 8047-8061.	1.6	5
45	Membrane molecules for mood. <i>Trends in Neurosciences</i> , 2021, 44, 602-604.	4.2	1
46	Electroconvulsive seizures protect against methamphetamine-induced inhibition of neurogenesis in the rat hippocampus. <i>NeuroToxicology</i> , 2021, 86, 185-191.	1.4	3
47	Compositional and functional alterations in the oral and gut microbiota in patients with psychosis or schizophrenia: A systematic review. <i>HRB Open Research</i> , 2021, 4, 108.	0.3	13
48	Microbiota and sleep: awakening the gut feeling. <i>Trends in Molecular Medicine</i> , 2021, 27, 935-945.	3.5	65
49	Microbially-derived short-chain fatty acids impact astrocyte gene expression in a sex-specific manner. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 16, 100318.	1.3	26
50	Kefir ameliorates specific microbiota-gut-brain axis impairments in a mouse model relevant to autism spectrum disorder. <i>Brain, Behavior, and Immunity</i> , 2021, 97, 119-134.	2.0	19
51	Dose-dependent opposite effects of nortriptyline on affective-like behavior in adolescent rats: Comparison with adult rats. <i>European Journal of Pharmacology</i> , 2021, 910, 174465.	1.7	7
52	High-fat diet alters stress behavior, inflammatory parameters and gut microbiota in Tg APP mice in a sex-specific manner. <i>Neurobiology of Disease</i> , 2021, 159, 105495.	2.1	14
53	Microbiota-brain interactions: Moving toward mechanisms in model organisms. <i>Neuron</i> , 2021, 109, 3930-3953.	3.8	54
54	Specific sub-regions of the longitudinal axis of the hippocampus mediate behavioural responses to chronic psychosocial stress. <i>Neuropharmacology</i> , 2021, 201, 108843.	2.0	6

#	ARTICLE	IF	CITATIONS
55	Powering up microbiome-microglia interactions. <i>Cell Metabolism</i> , 2021, 33, 2097-2099.	7.2	12
56	FMT for psychiatric disorders: Following the brown brick road into the future. <i>Bipolar Disorders</i> , 2021, 23, 651-655.	1.1	8
57	Modified cyclodextrin-based nanoparticles mediated delivery of siRNA for huntingtin gene silencing across an in vitro BBB model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 169, 309-318.	2.0	17
58	Evaluation of Neuroanatomy Web Resources for Undergraduate Education: Educators'™ and Students'™ Perspectives. <i>Anatomical Sciences Education</i> , 2020, 13, 237-249.	2.5	6
59	Mid-life microbiota crises: middle age is associated with pervasive neuroimmune alterations that are reversed by targeting the gut microbiome. <i>Molecular Psychiatry</i> , 2020, 25, 2567-2583.	4.1	102
60	Chronic intrahippocampal interleukin-1 β overexpression in adolescence impairs hippocampal neurogenesis but not neurogenesis-associated cognition. <i>Brain, Behavior, and Immunity</i> , 2020, 83, 172-179.	2.0	19
61	Metformin and Dipeptidyl Peptidase-4 Inhibitor Differentially Modulate the Intestinal Microbiota and Plasma Metabolome of Metabolically Dysfunctional Mice. <i>Canadian Journal of Diabetes</i> , 2020, 44, 146-155.e2.	0.4	41
62	Microbiota-Gut-Brain Axis: New Therapeutic Opportunities. <i>Annual Review of Pharmacology and Toxicology</i> , 2020, 60, 477-502.	4.2	227
63	Dietary phospholipids: Role in cognitive processes across the lifespan. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 111, 183-193.	2.9	43
64	Gut Microbiota: A Perspective for Psychiatrists. <i>Neuropsychobiology</i> , 2020, 79, 50-62.	0.9	87
65	The gut microbiome in neurological disorders. <i>Lancet Neurology</i> , The, 2020, 19, 179-194.	4.9	669
66	Annual Research Review: Critical windows of the microbiota-gut-brain axis in neurocognitive development. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2020, 61, 353-371.	3.1	103
67	The role of the microbiota in acute stress-induced myeloid immune cell trafficking. <i>Brain, Behavior, and Immunity</i> , 2020, 84, 209-217.	2.0	25
68	You've got male: Sex and the microbiota-gut-brain axis across the lifespan. <i>Frontiers in Neuroendocrinology</i> , 2020, 56, 100815.	2.5	128
69	Sex-dependent associations between addiction-related behaviors and the microbiome in outbred rats. <i>EBioMedicine</i> , 2020, 55, 102769.	2.7	36
70	Bugs, breathing and blood pressure: microbiota-gut-brain axis signalling in cardiorespiratory control in health and disease. <i>Journal of Physiology</i> , 2020, 598, 4159-4179.	1.3	18
71	Gut microbiota modulates expression of genes involved in the astrocyte-neuron lactate shuttle in the hippocampus. <i>European Neuropsychopharmacology</i> , 2020, 41, 152-159.	0.3	17
72	Adult-born neurons from the dorsal, intermediate, and ventral regions of the longitudinal axis of the hippocampus exhibit differential sensitivity to glucocorticoids. <i>Molecular Psychiatry</i> , 2020, 26, 3240-3252.	4.1	21

#	ARTICLE	IF	CITATIONS
73	Age- and duration-dependent effects of whey protein on high-fat diet-induced changes in body weight, lipid metabolism, and gut microbiota in mice. <i>Physiological Reports</i> , 2020, 8, e14523.	0.7	20
74	A phase 1, single-blind, placebo-controlled, 3-arm cross-over trial assessing the appetite enhancing effects of potentially ghrelinergic dairy-derived peptides. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	0.4	0
75	Prebiotics, probiotics, fermented foods and cognitive outcomes: A meta-analysis of randomized controlled trials. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 118, 472-484.	2.9	50
76	GABAB Receptors: Anxiety and Mood Disorders. <i>Current Topics in Behavioral Neurosciences</i> , 2020, , 1.	0.8	13
77	Prebiotic administration modulates gut microbiota and faecal short-chain fatty acid concentrations but does not prevent chronic intermittent hypoxia-induced apnoea and hypertension in adult rats. <i>EBioMedicine</i> , 2020, 59, 102968.	2.7	16
78	Efficacy and safety of fecal microbiota transplantation for the treatment of diseases other than <i>Clostridium difficile</i> infection: a systematic review and meta-analysis. <i>Gut Microbes</i> , 2020, 12, 1854640.	4.3	81
79	Sex differences in the antidepressant-like potential of repeated electroconvulsive seizures in adolescent and adult rats: Regulation of the early stages of hippocampal neurogenesis. <i>European Neuropsychopharmacology</i> , 2020, 41, 132-145.	0.3	18
80	Enduring Behavioral Effects Induced by Birth by Caesarean Section in the Mouse. <i>Current Biology</i> , 2020, 30, 3761-3774.e6.	1.8	65
81	Distinct actions of the fermented beverage kefir on host behaviour, immunity and microbiome gut-brain modules in the mouse. <i>Microbiome</i> , 2020, 8, 67.	4.9	55
82	Stress resilience during the coronavirus pandemic. <i>European Neuropsychopharmacology</i> , 2020, 35, 12-16.	0.3	285
83	Ethologically based behavioural and neurochemical characterisation of mice with isoform-specific loss of dysbindin-1A in the context of schizophrenia. <i>Neuroscience Letters</i> , 2020, 736, 135218.	1.0	0
84	Adolescent dietary manipulations differentially affect gut microbiota composition and amygdala neuroimmune gene expression in male mice in adulthood. <i>Brain, Behavior, and Immunity</i> , 2020, 87, 666-678.	2.0	23
85	Behavioural characterization of ghrelin ligands, anamorelin and HM01: Appetite and reward-motivated effects in rodents. <i>Neuropharmacology</i> , 2020, 168, 108011.	2.0	6
86	Decreased sensitivity in adolescent versus adult rats to the antidepressant-like effects of cannabidiol. <i>Psychopharmacology</i> , 2020, 237, 1621-1631.	1.5	27
87	When Rhythms Meet the Blues: Circadian Interactions with the Microbiota-Gut-Brain Axis. <i>Cell Metabolism</i> , 2020, 31, 448-471.	7.2	101
88	Resveratrol and metabolic health in COPD: A proof-of-concept randomized controlled trial. <i>Clinical Nutrition</i> , 2020, 39, 2989-2997.	2.3	25
89	Polyphenols selectively reverse early-life stress-induced behavioural, neurochemical and microbiota changes in the rat. <i>Psychoneuroendocrinology</i> , 2020, 116, 104673.	1.3	49
90	In Need of a Quorum: From Microbes to Mood Via the Immune System. <i>American Journal of Psychiatry</i> , 2020, 177, 895-897.	4.0	5

#	ARTICLE	IF	CITATIONS
91	Differential effects of adolescent and adult-initiated voluntary exercise on context and cued fear conditioning. <i>Neuropharmacology</i> , 2019, 145, 49-58.	2.0	24
92	Programming Bugs: Microbiota and the Developmental Origins of Brain Health and Disease. <i>Biological Psychiatry</i> , 2019, 85, 150-163.	0.7	146
93	Monocyte mobilisation, microbiota & mental illness. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 74-91.	2.0	35
94	Born this way: Hippocampal neurogenesis across the lifespan. <i>Aging Cell</i> , 2019, 18, e13007.	3.0	90
95	Impaired Skeletal Muscle Kynurenine Metabolism in Patients with Chronic Obstructive Pulmonary Disease. <i>Journal of Clinical Medicine</i> , 2019, 8, 915.	1.0	11
96	Mood and Microbes. <i>Gastroenterology Clinics of North America</i> , 2019, 48, 389-405.	1.0	47
97	Can we "seize" the gut microbiota to treat epilepsy?. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 107, 750-764.	2.9	60
98	Focus on the essentials: tryptophan metabolism and the microbiome-gut-brain axis. <i>Current Opinion in Pharmacology</i> , 2019, 48, 137-145.	1.7	119
99	Nutritional psychiatry: Towards improving mental health by what you eat. <i>European Neuropsychopharmacology</i> , 2019, 29, 1321-1332.	0.3	191
100	The Microbiota-Gut-Brain Axis. <i>Physiological Reviews</i> , 2019, 99, 1877-2013.	13.1	2,304
101	The Gut Microbiome and Mental Health: What Should We Tell Our Patients?: Le microbiote Intestinal et la Santé Mentale : que Devrions-Nous dire À nos Patients?. <i>Canadian Journal of Psychiatry</i> , 2019, 64, 747-760.	0.9	58
102	The future of rodent models in depression research. <i>Nature Reviews Neuroscience</i> , 2019, 20, 686-701.	4.9	178
103	Microbial regulation of microRNA expression in the brain-gut axis. <i>Current Opinion in Pharmacology</i> , 2019, 48, 120-126.	1.7	16
104	Short-chain fatty acids and microbiota metabolites attenuate ghrelin receptor signaling. <i>FASEB Journal</i> , 2019, 33, 13546-13559.	0.2	93
105	Enduring effects of muscarinic receptor activation on adult hippocampal neurogenesis, microRNA expression and behaviour. <i>Behavioural Brain Research</i> , 2019, 362, 188-198.	1.2	3
106	Resilience to chronic stress is associated with specific neurobiological, neuroendocrine and immune responses. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 583-594.	2.0	45
107	From isoniazid to psychobiotics: the gut microbiome as a new antidepressant target. <i>British Journal of Hospital Medicine (London, England: 2005)</i> , 2019, 80, 139-145.	0.2	20
108	Gut Reactions: Breaking Down Xenobiotic-Microbiome Interactions. <i>Pharmacological Reviews</i> , 2019, 71, 198-224.	7.1	211

#	ARTICLE	IF	CITATIONS
109	Gut Microbe to Brain Signaling: What Happens in Vagusâ€ . <i>Neuron</i> , 2019, 101, 998-1002.	3.8	327
110	Manipulation of gut microbiota blunts the ventilatory response to hypercapnia in adult rats. <i>EBioMedicine</i> , 2019, 44, 618-638.	2.7	37
111	A role for the orphan nuclear receptor TLX in the interaction between neural precursor cells and microglia. <i>Neuronal Signaling</i> , 2019, 3, NS20180177.	1.7	8
112	Differential gene expression in the mesocorticolimbic system of innately high- and low-impulsive rats. <i>Behavioural Brain Research</i> , 2019, 364, 193-204.	1.2	10
113	Decoding the role of the microbiome on amygdala function and social behaviour. <i>Neuropsychopharmacology</i> , 2019, 44, 233-234.	2.8	5
114	Man and the Microbiome: A New Theory of Everything?. <i>Annual Review of Clinical Psychology</i> , 2019, 15, 371-398.	6.3	65
115	Gut microbes and depression: Still waiting for Godot. <i>Brain, Behavior, and Immunity</i> , 2019, 79, 1-2.	2.0	31
116	Increased amygdalar metabotropic glutamate receptor 7 mRNA in a genetic mouse model of impaired fear extinction. <i>Psychopharmacology</i> , 2019, 236, 265-272.	1.5	4
117	A ghrelin receptor and oxytocin receptor heterocomplex impairs oxytocin mediated signalling. <i>Neuropharmacology</i> , 2019, 152, 90-101.	2.0	37
118	TLX knockdown in the dorsal dentate gyrus of juvenile rats differentially affects adolescent and adult behaviour. <i>Behavioural Brain Research</i> , 2019, 360, 36-50.	1.2	7
119	A comparison of embalming fluids on the structures and properties of tissue in human cadavers. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2019, 48, 64-73.	0.3	31
120	Feeding melancholic microbes: MyNewGut recommendations on diet and mood. <i>Clinical Nutrition</i> , 2019, 38, 1995-2001.	2.3	58
121	Development and Assessment of a Threeâ€Dimensional Tooth Morphology Quiz for Dental Students. <i>Anatomical Sciences Education</i> , 2019, 12, 284-299.	2.5	17
122	Resilience priming: Translational models for understanding resiliency and adaptation to early life adversity. <i>Developmental Psychobiology</i> , 2019, 61, 350-375.	0.9	53
123	Adolescent cocaine exposure enhanced negative affect following drug re-exposure in adult rats: Attenuation of c-Fos activation. <i>Journal of Psychopharmacology</i> , 2019, 33, 154-162.	2.0	19
124	Differential effects of adolescent and adultâ€initiated exercise on cognition and hippocampal neurogenesis. <i>Hippocampus</i> , 2019, 29, 352-365.	0.9	30
125	Absence of the neurogenesis-dependent nuclear receptor TLX induces inflammation in the hippocampus. <i>Journal of Neuroimmunology</i> , 2019, 331, 87-96.	1.1	15
126	Nutraceuticals to promote neuronal plasticity in response to corticosterone-induced stress in human neuroblastoma cells. <i>Nutritional Neuroscience</i> , 2019, 22, 551-568.	1.5	25

#	ARTICLE	IF	CITATIONS
127	Methamphetamine binge administration dose-dependently enhanced negative affect and voluntary drug consumption in rats following prolonged withdrawal: role of hippocampal FADD. <i>Addiction Biology</i> , 2019, 24, 239-250.	1.4	14
128	The Gamma-Aminobutyric Acid B Receptor in Depression and Reward. <i>Biological Psychiatry</i> , 2018, 83, 963-976.	0.7	51
129	Methamphetamine binge administration during late adolescence induced enduring hippocampal cell damage following prolonged withdrawal in rats. <i>NeuroToxicology</i> , 2018, 66, 1-9.	1.4	14
130	A low-cost touchscreen operant chamber using a Raspberry Pi. <i>Behavior Research Methods</i> , 2018, 50, 2523-2530.	2.3	28
131	The orphan nuclear receptor TLX regulates hippocampal transcriptome changes induced by IL-1 β . <i>Brain, Behavior, and Immunity</i> , 2018, 70, 268-279.	2.0	14
132	Determination of a suitable low-dose abdominal CT protocol using model-based iterative reconstruction through cadaveric study. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2018, 62, 625-633.	0.9	6
133	A casein hydrolysate increases GLP-1 secretion and reduces food intake. <i>Food Chemistry</i> , 2018, 252, 303-310.	4.2	28
134	The vagus nerve modulates BDNF expression and neurogenesis in the hippocampus. <i>European Neuropsychopharmacology</i> , 2018, 28, 307-316.	0.3	86
135	Application of a physiologically-based pharmacokinetic model for the prediction of bumetanide plasma and brain concentrations in the neonate. <i>Biopharmaceutics and Drug Disposition</i> , 2018, 39, 125-134.	1.1	9
136	Cover Image, Volume 28, Issue 1. <i>Hippocampus</i> , 2018, 28, C1.	0.9	0
137	Understanding neurophobia: Reasons behind impaired understanding and learning of neuroanatomy in cross-disciplinary healthcare students. <i>Anatomical Sciences Education</i> , 2018, 11, 81-93.	2.5	72
138	Elucidation of the neural circuits activated by a GABAB receptor positive modulator: Relevance to anxiety. <i>Neuropharmacology</i> , 2018, 136, 129-145.	2.0	15
139	TLX is an intrinsic regulator of the negative effects of IL-1 β on proliferating hippocampal neural progenitor cells. <i>FASEB Journal</i> , 2018, 32, 613-624.	0.2	15
140	Deletion of TLX and social isolation impairs exercise-induced neurogenesis in the adolescent hippocampus. <i>Hippocampus</i> , 2018, 28, 3-11.	0.9	28
141	Sustained-release multiparticulates for oral delivery of a novel peptidic ghrelin agonist: Formulation design and in vitro characterization. <i>International Journal of Pharmaceutics</i> , 2018, 536, 63-72.	2.6	14
142	Gut Microbes and Brain Development Have Black Box Connectivity. <i>Biological Psychiatry</i> , 2018, 83, 97-99.	0.7	25
143	Post-weaning social isolation of rats leads to long-term disruption of the gut microbiota-immune-brain axis. <i>Brain, Behavior, and Immunity</i> , 2018, 68, 261-273.	2.0	97
144	Chronic intermittent hypoxia disrupts cardiorespiratory homeostasis and gut microbiota composition in adult male guinea-pigs. <i>EBioMedicine</i> , 2018, 38, 191-205.	2.7	61

#	ARTICLE	IF	CITATIONS
145	Schizophrenia and the microbiome: Time to focus on the impact of antipsychotic treatment on the gut microbiota. <i>World Journal of Biological Psychiatry</i> , 2018, 19, 568-570.	1.3	29
146	75 Informal Caregiving for Dementia Patients: The Contribution of Patient Age, Cognitive and Functional Impairment and Challenging Behaviours to Caregiver Burden. <i>Age and Ageing</i> , 2018, 47, v13-v60.	0.7	0
147	A Dairy-Derived Ghrelinergic Hydrolysate Modulates Food Intake In Vivo. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2780.	1.8	5
148	Targeting the gut microbiota to influence brain development and function in early life. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 95, 191-201.	2.9	57
149	Chronic interleukin-1 β in the dorsal hippocampus impairs behavioural pattern separation. <i>Brain, Behavior, and Immunity</i> , 2018, 74, 252-264.	2.0	33
150	Gut microbiome correlates with altered striatal dopamine receptor expression in a model of compulsive alcohol seeking. <i>Neuropharmacology</i> , 2018, 141, 249-259.	2.0	76
151	The Neuroendocrinology of the Microbiota-Gut-Brain Axis: A Behavioural Perspective. <i>Frontiers in Neuroendocrinology</i> , 2018, 51, 80-101.	2.5	218
152	Social interaction-induced activation of RNA splicing in the amygdala of microbiome-deficient mice. <i>ELife</i> , 2018, 7, .	2.8	73
153	Short-chain fatty acids: microbial metabolites that alleviate stress-induced brain-gut axis alterations. <i>Journal of Physiology</i> , 2018, 596, 4923-4944.	1.3	460
154	The Microbiome in Psychology and Cognitive Neuroscience. <i>Trends in Cognitive Sciences</i> , 2018, 22, 611-636.	4.0	148
155	A Microbial Drugstore for Motility. <i>Cell Host and Microbe</i> , 2018, 23, 691-692.	5.1	29
156	Microbiota and cardiorespiratory control: Chronic intermittent hypoxia related cardiorespiratory dysfunction in rat. <i>FASEB Journal</i> , 2018, 32, 727.2.	0.2	0
157	Distinct alterations in motor & reward seeking behavior are dependent on the gestational age of exposure to LPS-induced maternal immune activation. <i>Brain, Behavior, and Immunity</i> , 2017, 63, 21-34.	2.0	49
158	The Microbiome-Gut-Brain Axis in Health and Disease. <i>Gastroenterology Clinics of North America</i> , 2017, 46, 77-89.	1.0	678
159	The Trier Social Stress Test: Principles and practice. <i>Neurobiology of Stress</i> , 2017, 6, 113-126.	1.9	294
160	Drunk bugs: Chronic vapour alcohol exposure induces marked changes in the gut microbiome in mice. <i>Behavioural Brain Research</i> , 2017, 323, 172-176.	1.2	63
161	Aroma compound diacetyl suppresses glucagon-like peptide-1 production and secretion in STC-1 cells. <i>Food Chemistry</i> , 2017, 228, 35-42.	4.2	6
162	Revisiting Metchnikoff: Age-related alterations in microbiota-gut-brain axis in the mouse. <i>Brain, Behavior, and Immunity</i> , 2017, 65, 20-32.	2.0	158

#	ARTICLE	IF	CITATIONS
163	Targeting the Microbiota-Gut-Brain Axis: Prebiotics Have Anxiolytic and Antidepressant-like Effects and Reverse the Impact of Chronic Stress in Mice. <i>Biological Psychiatry</i> , 2017, 82, 472-487.	0.7	661
164	Irritable Bowel Syndrome and Stress-Related Psychiatric Co-morbidities: Focus on Early Life Stress. <i>Handbook of Experimental Pharmacology</i> , 2017, 239, 219-246.	0.9	52
165	The Microbiota, the Gut and the Brain in Eating and Alcohol Use Disorders: A <i>“MÃ©nage Ã Trois”</i> ?. <i>Alcohol and Alcoholism</i> , 2017, 52, 403-413.	0.9	66
166	The gut microbiota as a key regulator of visceral pain. <i>Pain</i> , 2017, 158, S19-S28.	2.0	63
167	Intervention strategies for cesarean sectionâ€‘induced alterations in the microbiota-gut-brain axis. <i>Nutrition Reviews</i> , 2017, 75, 225-240.	2.6	73
168	Assessment of Thielâ€‘Embalmed Cadavers as a Teaching Tool for Oral Anatomy and Local Anesthesia. <i>Journal of Dental Education</i> , 2017, 81, 420-426.	0.7	9
169	Microbiota-Gut-Brain Axis: Modulator of Host Metabolism and Appetite. <i>Journal of Nutrition</i> , 2017, 147, 727-745.	1.3	280
170	The hippocampus and dorsal raphe nucleus are key brain areas associated with the antidepressant effects of lithium augmentation of desipramine. <i>Neuroscience Letters</i> , 2017, 648, 14-20.	1.0	3
171	A systematic review of the psychobiological burden of informal caregiving for patients with dementia: Focus on cognitive and biological markers of chronic stress. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 73, 123-164.	2.9	165
172	Brainâ€‘gutâ€‘microbiota axis â€‘ mood, metabolism and behaviour. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017, 14, 69-70.	8.2	252
173	Adolescent social isolation stress unmasks the combined effects of adolescent exercise and adult inflammation on hippocampal neurogenesis and behavior. <i>Neuroscience</i> , 2017, 365, 226-236.	1.1	20
174	Microbiota-related Changes in Bile Acid & Tryptophan Metabolism are Associated with Gastrointestinal Dysfunction in a Mouse Model of Autism. <i>EBioMedicine</i> , 2017, 24, 166-178.	2.7	261
175	The microbiome as a key regulator of brain, behavior and immunity: Commentary on the 2017 named series. <i>Brain, Behavior, and Immunity</i> , 2017, 66, 18-22.	2.0	31
176	The microbiotaâ€‘gutâ€‘brain axis in obesity. <i>The Lancet Gastroenterology and Hepatology</i> , 2017, 2, 747-756.	3.7	408
177	Targeted Drug Delivery via Folate Receptors for the Treatment of Brain Cancer: Can the Promise Deliver?. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 3413-3420.	1.6	36
178	Microbial regulation of hippocampal miRNA expression: Implications for transcription of kynurenine pathway enzymes. <i>Behavioural Brain Research</i> , 2017, 334, 50-54.	1.2	44
179	Nuclear deterrents: Intrinsic regulators of IL-1 β -induced effects on hippocampal neurogenesis. <i>Brain, Behavior, and Immunity</i> , 2017, 66, 394-412.	2.0	34
180	Birth by caesarean section and school performance in Swedish adolescents- a population-based study. <i>BMC Pregnancy and Childbirth</i> , 2017, 17, 121.	0.9	27

#	ARTICLE	IF	CITATIONS
181	Lost in translation? The potential psychobiotic <i>Lactobacillus rhamnosus</i> (JB-1) fails to modulate stress or cognitive performance in healthy male subjects. <i>Brain, Behavior, and Immunity</i> , 2017, 61, 50-59.	2.0	254
182	Feeding the microbiota-gut-brain axis: diet, microbiome, and neuropsychiatry. <i>Translational Research</i> , 2017, 179, 223-244.	2.2	351
183	Omega-3 polyunsaturated fatty acids critically regulate behaviour and gut microbiota development in adolescence and adulthood. <i>Brain, Behavior, and Immunity</i> , 2017, 59, 21-37.	2.0	195
184	The utility of cadaverâ€based approaches for the teaching of human anatomy: A survey of British and Irish anatomy teachers. <i>Anatomical Sciences Education</i> , 2017, 10, 137-143.	2.5	22
185	Decreased Anxiety-Related Behaviour but Apparently Unperturbed NUMB Function in Ligand of NUMB Protein-X (LNx) 1/2 Double Knockout Mice. <i>Molecular Neurobiology</i> , 2017, 54, 8090-8109.	1.9	13
186	Electrophysiological approaches to unravel the neurobiological basis of appetite and satiety: use of the multielectrode array as a screening strategy. <i>Drug Discovery Today</i> , 2017, 22, 31-42.	3.2	5
187	From Belly to Brain: Targeting the Ghrelin Receptor in Appetite and Food Intake Regulation. <i>International Journal of Molecular Sciences</i> , 2017, 18, 273.	1.8	112
188	The Omega-3 Polyunsaturated Fatty Acid Docosahexaenoic Acid (DHA) Reverses Corticosterone-Induced Changes in Cortical Neurons. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyv130.	1.0	14
189	Getting the Hologenome Concept Right: an Eco-Evolutionary Framework for Hosts and Their Microbiomes. <i>MSystems</i> , 2016, 1, .	1.7	388
190	Obstetric mode of delivery and attention-deficit/hyperactivity disorder: a sibling-matched study. <i>International Journal of Epidemiology</i> , 2016, 45, 532-542.	0.9	48
191	Reframing the Teenage Wasteland: Adolescent Microbiota-Gut-Brain Axis. <i>Canadian Journal of Psychiatry</i> , 2016, 61, 214-221.	0.9	41
192	N-3 Polyunsaturated Fatty Acids through the Lifespan: Implication for Psychopathology. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw078.	1.0	51
193	Treating disorders of the neonatal central nervous system: pharmacokinetic and pharmacodynamic considerations with a focus on antiepileptics. <i>British Journal of Clinical Pharmacology</i> , 2016, 81, 62-77.	1.1	7
194	Sex-dependent activity of the spinal excitatory amino acid transporter: Role of estrous cycle. <i>Neuroscience</i> , 2016, 333, 311-319.	1.1	12
195	Comparative effects of amphetamine-like psychostimulants on rat hippocampal cell genesis at different developmental ages. <i>NeuroToxicology</i> , 2016, 56, 29-39.	1.4	22
196	The therapeutic and diagnostic potential of the prostate specific membrane antigen/glutamate carboxypeptidase II (PSMA/GCPII) in cancer and neurological disease. <i>British Journal of Pharmacology</i> , 2016, 173, 3041-3079.	2.7	71
197	Transferring the blues: Depression-associated gut microbiota induces neurobehavioural changes in the rat. <i>Journal of Psychiatric Research</i> , 2016, 82, 109-118.	1.5	1,130
198	All Roads Lead to the miRNome: miRNAs Have a Central Role in the Molecular Pathophysiology of Psychiatric Disorders. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 1029-1044.	4.0	60

#	ARTICLE	IF	CITATIONS
199	Psychobiotics and the Manipulation of Bacteriaâ€“Gutâ€“Brain Signals. Trends in Neurosciences, 2016, 39, 763-781.	4.2	691
200	Host response: A trigger for neurodegeneration?. Nature Microbiology, 2016, 1, 16129.	5.9	13
201	Whatâ€™s bugging your teen?â€”The microbiota and adolescent mental health. Neuroscience and Biobehavioral Reviews, 2016, 70, 300-312.	2.9	44
202	The neuropharmacology of butyrate: The bread and butter of the microbiota-gut-brain axis?. Neurochemistry International, 2016, 99, 110-132.	1.9	565
203	Microbe-host interactions: Influence of the gut microbiota on the enteric nervous system. Developmental Biology, 2016, 417, 182-187.	0.9	129
204	Cadaveric anatomy in the future of medical education: What is the surgeons view?. Anatomical Sciences Education, 2016, 9, 203-208.	2.5	64
205	Stress and the Microbiota-Gut-Brain Axis. Canadian Journal of Psychiatry, 2016, 61, 201-203.	0.9	20
206	Opposite regulation of cannabinoid CB1 and CB2 receptors in the prefrontal cortex of rats treated with cocaine during adolescence. Neuroscience Letters, 2016, 615, 60-65.	1.0	25
207	Inhibiting neuroinflammation: The role and therapeutic potential of GABA in neuro-immune interactions. Brain, Behavior, and Immunity, 2016, 54, 260-277.	2.0	99
208	Molecular biomarkers of depression. Neuroscience and Biobehavioral Reviews, 2016, 64, 101-133.	2.9	97
209	Gut microbiota, obesity and diabetes. Postgraduate Medical Journal, 2016, 92, 286-300.	0.9	377
210	Growing up in a Bubble: Using Germ-Free Animals to Assess the Influence of the Gut Microbiota on Brain and Behavior. International Journal of Neuropsychopharmacology, 2016, 19, pyw020.	1.0	419
211	Pharmacotherapy for Neonatal Seizures: Current Knowledge and Future Perspectives. Drugs, 2016, 76, 647-661.	4.9	64
212	The microbiome: A key regulator of stress and neuroinflammation. Neurobiology of Stress, 2016, 4, 23-33.	1.9	399
213	Brain-gut-microbiota axis: challenges for translation in psychiatry. Annals of Epidemiology, 2016, 26, 366-372.	0.9	157
214	The nuclear receptor Tlx regulates motor, cognitive and anxiety-related behaviours during adolescence and adulthood. Behavioural Brain Research, 2016, 306, 36-47.	1.2	20
215	In vitro bidirectional permeability studies identify pharmacokinetic limitations of NKCC1 inhibitor bumetanide. European Journal of Pharmacology, 2016, 770, 117-125.	1.7	17
216	Birth by Caesarean Section and the Risk of Adult Psychosis: A Population-Based Cohort Study. Schizophrenia Bulletin, 2016, 42, 633-641.	2.3	43

#	ARTICLE	IF	CITATIONS
217	Differential roles of GABAB1 subunit isoforms on locomotor responses to acute and repeated administration of cocaine. <i>Behavioural Brain Research</i> , 2016, 298, 12-16.	1.2	10
218	Obstetrical Mode of Delivery and Childhood Behavior and Psychological Development in a British Cohort. <i>Journal of Autism and Developmental Disorders</i> , 2016, 46, 603-614.	1.7	76
219	Stress and the Microbiotaâ€“Gutâ€“Brain Axis in Visceral Pain: Relevance to Irritable Bowel Syndrome. , 2016, 22, 102.		1
220	Metabotropic Glutamate Receptors in Central Nervous System Diseases. <i>Current Drug Targets</i> , 2016, 17, 538-616.	1.0	36
221	The microbiome and childhood diseases: Focus on brainâ€“gut axis. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2015, 105, 296-313.	3.6	34
222	Chronic Pâ€“glycoprotein inhibition increases the brain concentration of escitalopram: potential implications for treating depression. <i>Pharmacology Research and Perspectives</i> , 2015, 3, e00190.	1.1	5
223	Compared to casein, bovine lactoferrin reduces plasma leptin and corticosterone and affects hypothalamic gene expression without altering weight gain or fat mass in high fat diet fed C57/BL6J mice. <i>Nutrition and Metabolism</i> , 2015, 12, 53.	1.3	15
224	Human preservation techniques in anatomy: A 21st century medical education perspective. <i>Clinical Anatomy</i> , 2015, 28, 725-734.	1.5	107
225	Modulation of TLR3/TLR4 inflammatory signaling by the GABAB receptor agonist baclofen in glia and immune cells: relevance to therapeutic effects in multiple sclerosis. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 284.	1.8	49
226	Breaking down the barriers: the gut microbiome, intestinal permeability and stress-related psychiatric disorders. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 392.	1.8	757
227	N-3 Polyunsaturated Fatty Acids (PUFAs) Reverse the Impact of Early-Life Stress on the Gut Microbiota. <i>PLoS ONE</i> , 2015, 10, e0139721.	1.1	143
228	n-3 PUFAs have beneficial effects on anxiety and cognition in female rats: Effects of early life stress. <i>Psychoneuroendocrinology</i> , 2015, 58, 79-90.	1.3	63
229	Collective unconscious: How gut microbes shape human behavior. <i>Journal of Psychiatric Research</i> , 2015, 63, 1-9.	1.5	410
230	Role of adult hippocampal neurogenesis in stress resilience. <i>Neurobiology of Stress</i> , 2015, 1, 147-155.	1.9	165
231	Delivering a disease-modifying treatment for Huntington's disease. <i>Drug Discovery Today</i> , 2015, 20, 50-64.	3.2	39
232	Adult Hippocampal Neurogenesis Is Regulated by the Microbiome. <i>Biological Psychiatry</i> , 2015, 78, e7-e9.	0.7	363
233	Synthesis and characterization of rabies virus glycoprotein-tagged amphiphilic cyclodextrins for siRNA delivery in human glioblastoma cells: In vitro analysis. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 71, 80-92.	1.9	57
234	Medical student perceptions of radiology use in anatomy teaching. <i>Anatomical Sciences Education</i> , 2015, 8, 510-517.	2.5	41

#	ARTICLE	IF	CITATIONS
235	Whey protein isolate decreases murine stomach weight and intestinal length and alters the expression of Wnt signalling-associated genes. <i>British Journal of Nutrition</i> , 2015, 113, 372-379.	1.2	13
236	Chronic MDMA induces neurochemical changes in the hippocampus of adolescent and young adult rats: Down-regulation of apoptotic markers. <i>NeuroToxicology</i> , 2015, 49, 104-113.	1.4	19
237	Microbiota and neuroimmune signallingâ€™Metchnikoff to microglia. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2015, 12, 494-496.	8.2	85
238	Hippocampal cell fate regulation by chronic cocaine during periods of adolescent vulnerability: Consequences of cocaine exposure during adolescence on behavioral despair in adulthood. <i>Neuroscience</i> , 2015, 304, 302-315.	1.1	31
239	Enhancing glutamatergic transmission during adolescence reverses early-life stress-induced deficits in the rewarding effects of cocaine in rats. <i>Neuropharmacology</i> , 2015, 99, 168-176.	2.0	33
240	Association Between Obstetric Mode of Delivery and Autism Spectrum Disorder. <i>JAMA Psychiatry</i> , 2015, 72, 935.	6.0	108
241	Microbes & neurodevelopment â€™ Absence of microbiota during early life increases activity-related transcriptional pathways in the amygdala. <i>Brain, Behavior, and Immunity</i> , 2015, 50, 209-220.	2.0	210
242	Prenatal stress-induced alterations in major physiological systems correlate with gut microbiota composition in adulthood. <i>Psychoneuroendocrinology</i> , 2015, 60, 58-74.	1.3	224
243	When ageing meets the blues: Are current antidepressants effective in depressed aged patients?. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 55, 478-497.	2.9	16
244	Stress-Induced Visceral Pain: Toward Animal Models of Irritable-Bowel Syndrome and Associated Comorbidities. <i>Frontiers in Psychiatry</i> , 2015, 6, 15.	1.3	118
245	The impact of obstetric mode of delivery on childhood behavior. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2015, 50, 1557-1567.	1.6	47
246	Negative allosteric modulation of the mGlu7 receptor reduces visceral hypersensitivity in a stress-sensitive rat strain. <i>Neurobiology of Stress</i> , 2015, 2, 28-33.	1.9	14
247	Microbiota Regulation of the Mammalian Gutâ€™Brain Axis. <i>Advances in Applied Microbiology</i> , 2015, 91, 1-62.	1.3	207
248	Gut Microbiota: The Conductor in the Orchestra of Immuneâ€™Neuroendocrine Communication. <i>Clinical Therapeutics</i> , 2015, 37, 954-967.	1.1	163
249	Gut microbiota depletion from early adolescence in mice: Implications for brain and behaviour. <i>Brain, Behavior, and Immunity</i> , 2015, 48, 165-173.	2.0	572
250	Re: Gut microbiota depletion from early adolescence in mice: Implications for brain and behaviour. <i>Brain, Behavior, and Immunity</i> , 2015, 50, 335-336.	2.0	24
251	Downregulation of Umbilical Cord Blood Levels of miR-374a in Neonatal Hypoxic Ischemic Encephalopathy. <i>Journal of Pediatrics</i> , 2015, 167, 269-273.e2.	0.9	59
252	Soluble mediators in plasma from irritable bowel syndrome patients excite rat submucosal neurons. <i>Brain, Behavior, and Immunity</i> , 2015, 44, 57-67.	2.0	14

#	ARTICLE	IF	CITATIONS
253	A prospective study of C-reactive protein as a state marker in Cardiac Syndrome X. <i>Brain, Behavior, and Immunity</i> , 2015, 43, 27-32.	2.0	12
254	More than a Gut Feeling: the Microbiota Regulates Neurodevelopment and Behavior. <i>Neuropsychopharmacology</i> , 2015, 40, 241-242.	2.8	106
255	Faster, better, stronger: Towards new antidepressant therapeutic strategies. <i>European Journal of Pharmacology</i> , 2015, 753, 32-50.	1.7	77
256	GABAB receptors as a therapeutic strategy in substance use disorders: Focus on positive allosteric modulators. <i>Neuropharmacology</i> , 2015, 88, 36-47.	2.0	76
257	A natural solution for obesity: Bioactives for the prevention and treatment of weight gain. A review. <i>Nutritional Neuroscience</i> , 2015, 18, 49-65.	1.5	113
258	Friends with social benefits: host-microbe interactions as a driver of brain evolution and development?. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 147.	1.8	118
259	Immune modulation of the brain-gut-microbe axis. <i>Frontiers in Microbiology</i> , 2014, 5, 146.	1.5	125
260	Early-life stress induces persistent alterations in 5-HT1A receptor and serotonin transporter mRNA expression in the adult rat brain. <i>Frontiers in Molecular Neuroscience</i> , 2014, 7, 24.	1.4	60
261	Blocking Metabotropic Glutamate Receptor Subtype 7 (mGlu7) via the Venus Flytrap Domain (VFTD) Inhibits Amygdala Plasticity, Stress, and Anxiety-related Behavior. <i>Journal of Biological Chemistry</i> , 2014, 289, 10975-10987.	1.6	63
262	Protein Quality and the Protein to Carbohydrate Ratio within a High Fat Diet Influences Energy Balance and the Gut Microbiota In C57BL/6J Mice. <i>PLoS ONE</i> , 2014, 9, e88904.	1.1	77
263	Irritable bowel syndrome: A microbiome-gut-brain axis disorder?. <i>World Journal of Gastroenterology</i> , 2014, 20, 14105.	1.4	249
264	Toll-Like Receptor 4 Regulates Chronic Stress-Induced Visceral Pain in Mice. <i>Biological Psychiatry</i> , 2014, 76, 340-348.	0.7	66
265	The P-glycoprotein inhibitor cyclosporin A differentially influences behavioural and neurochemical responses to the antidepressant escitalopram. <i>Behavioural Brain Research</i> , 2014, 261, 17-25.	1.2	11
266	Biological and psychological markers of stress in humans: Focus on the Trier Social Stress Test. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 38, 94-124.	2.9	512
267	The microbiome: stress, health and disease. <i>Mammalian Genome</i> , 2014, 25, 49-74.	1.0	361
268	Long-lasting glutamatergic modulation induced by neonatal GABA enhancement in mice. <i>Neuropharmacology</i> , 2014, 79, 616-625.	2.0	5
269	Drugs, genes and the blues: Pharmacogenetics of the antidepressant response from mouse to man. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 123, 55-76.	1.3	11
270	A review of ketamine in affective disorders: Current evidence of clinical efficacy, limitations of use and pre-clinical evidence on proposed mechanisms of action. <i>Journal of Affective Disorders</i> , 2014, 156, 24-35.	2.0	156

#	ARTICLE	IF	CITATIONS
271	Gut Microbes and the Brain: Paradigm Shift in Neuroscience. <i>Journal of Neuroscience</i> , 2014, 34, 15490-15496.	1.7	719
272	A ventral view on antidepressant action: roles for adult hippocampal neurogenesis along the dorsoventral axis. <i>Trends in Pharmacological Sciences</i> , 2014, 35, 675-687.	4.0	161
273	Converging effects of a <i>Bifidobacterium</i> and <i>Lactobacillus</i> probiotic strain on mouse intestinal physiology. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, G241-G247.	1.6	27
274	Bacterial Neuroactive Compounds Produced by Psychobiotics. <i>Advances in Experimental Medicine and Biology</i> , 2014, 817, 221-239.	0.8	245
275	Minireview: Gut Microbiota: The Neglected Endocrine Organ. <i>Molecular Endocrinology</i> , 2014, 28, 1221-1238.	3.7	835
276	PEGylated cyclodextrins as novel siRNA nanosystems: Correlations between polyethylene glycol length and nanoparticle stability. <i>International Journal of Pharmaceutics</i> , 2014, 473, 105-112.	2.6	45
277	Microbiota and neurodevelopmental windows: implications for brain disorders. <i>Trends in Molecular Medicine</i> , 2014, 20, 509-518.	3.5	852
278	Activation but not blockade of GABAB receptors during early-life alters anxiety in adulthood in BALB/c mice. <i>Neuropharmacology</i> , 2014, 81, 303-310.	2.0	15
279	Strain differences in stress-induced changes in central CRF1 receptor expression. <i>Neuroscience Letters</i> , 2014, 561, 192-197.	1.0	8
280	Devil's Claw to Suppress Appetite—Ghrelin Receptor Modulation Potential of a <i>Harpagophytum procumbens</i> Root Extract. <i>PLoS ONE</i> , 2014, 9, e103118.	1.1	15
281	Unraveling the Longstanding Scars of Early Neurodevelopmental Stress. <i>Biological Psychiatry</i> , 2013, 74, 788-789.	0.7	12
282	Alterations in prefrontal cortical serotonin and antidepressant-like behavior in a novel C3H/HeJxDBA/2J recombinant inbred mouse strain. <i>Behavioural Brain Research</i> , 2013, 236, 283-288.	1.2	4
283	Taking two to tango: a role for ghrelin receptor heterodimerization in stress and reward. <i>Frontiers in Neuroscience</i> , 2013, 7, 148.	1.4	74
284	Dimerization of G-protein coupled Receptors (GPCRs) in Appetite Regulation and Food Reward. <i>FASEB Journal</i> , 2013, 27, 881.3.	0.2	0
285	Ghrelin signalling and obesity: At the interface of stress, mood and food reward. , 2012, 135, 316-326.		194
286	Mind-altering microorganisms: the impact of the gut microbiota on brain and behaviour. <i>Nature Reviews Neuroscience</i> , 2012, 13, 701-712.	4.9	3,237
287	Using the rat forced swim test to assess antidepressant-like activity in rodents. <i>Nature Protocols</i> , 2012, 7, 1009-1014.	5.5	706
288	Ingestion of <i>Lactobacillus</i> strain regulates emotional behavior and central GABA receptor expression in a mouse via the vagus nerve. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16050-16055.	3.3	2,811

#	ARTICLE	IF	CITATIONS
289	The age of anxiety: role of animal models of anxiolytic action in drug discovery. <i>British Journal of Pharmacology</i> , 2011, 164, 1129-1161.	2.7	220
290	A Glutamate Pathway to Faster-Acting Antidepressants?. <i>Science</i> , 2010, 329, 913-914.	6.0	32
291	GABAB Receptors and Depression: Current Status. <i>Advances in Pharmacology</i> , 2010, 58, 427-451.	1.2	82
292	Animal models of mood disorders: recent developments. <i>Current Opinion in Psychiatry</i> , 2007, 20, 1-7.	3.1	278
293	Evaluation of reward processes in an animal model of depression. <i>Psychopharmacology</i> , 2007, 190, 555-568.	1.5	108
294	The role of GABAB receptors in depression and antidepressant-related behavioural responses. <i>Drug Development Research</i> , 2006, 67, 477-494.	1.4	13