

# John Cryan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/424659/publications.pdf>

Version: 2024-02-01

706  
papers

79,612  
citations

384

134  
h-index

718

252  
g-index

770  
all docs

770  
docs citations

770  
times ranked

51221  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	The Microbiota-Gut-Brain Axis. <i>Physiological Reviews</i> , 2019, 99, 1877-2013.	13.1	2,304
4	The microbiome-gut-brain axis during early life regulates the hippocampal serotonergic system in a sex-dependent manner. <i>Molecular Psychiatry</i> , 2013, 18, 666-673.	4.1	1,445
5	Assessing antidepressant activity in rodents: recent developments and future needs. <i>Trends in Pharmacological Sciences</i> , 2002, 23, 238-245.	4.0	1,373
6	Serotonin, tryptophan metabolism and the brain-gut-microbiome axis. <i>Behavioural Brain Research</i> , 2015, 277, 32-48.	1.2	1,320
7	The tail suspension test as a model for assessing antidepressant activity: Review of pharmacological and genetic studies in mice. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 29, 571-625.	2.9	1,266
8	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
9	The ascent of mouse: advances in modelling human depression and anxiety. <i>Nature Reviews Drug Discovery</i> , 2005, 4, 775-790.	21.5	988
10	Early Life Stress Alters Behavior, Immunity, and Microbiota in Rats: Implications for Irritable Bowel Syndrome and Psychiatric Illnesses. <i>Biological Psychiatry</i> , 2009, 65, 263-267.	0.7	956
11	Assessing substrates underlying the behavioral effects of antidepressants using the modified rat forced swimming test. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 29, 547-569.	2.9	935
12	Psychobiotics: A Novel Class of Psychotropic. <i>Biological Psychiatry</i> , 2013, 74, 720-726.	0.7	917
13	Microbiota and neurodevelopmental windows: implications for brain disorders. <i>Trends in Molecular Medicine</i> , 2014, 20, 509-518.	3.5	852
14	Minireview: Gut Microbiota: The Neglected Endocrine Organ. <i>Molecular Endocrinology</i> , 2014, 28, 1221-1238.	3.7	835
15	Effects of the probiotic <i>Bifidobacterium infantis</i> in the maternal separation model of depression. <i>Neuroscience</i> , 2010, 170, 1179-1188.	1.1	798
16	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
17	The microbiome-gut-brain axis: from bowel to behavior. <i>Neurogastroenterology and Motility</i> , 2011, 23, 187-192.	1.6	741
18	Stress & the gut-brain axis: Regulation by the microbiome. <i>Neurobiology of Stress</i> , 2017, 7, 124-136.	1.9	736

#	ARTICLE	IF	CITATIONS
19	Gut Microbes and the Brain: Paradigm Shift in Neuroscience. <i>Journal of Neuroscience</i> , 2014, 34, 15490-15496.	1.7	719
20	Microbiota is essential for social development in the mouse. <i>Molecular Psychiatry</i> , 2014, 19, 146-148.	4.1	708
21	Using the rat forced swim test to assess antidepressant-like activity in rodents. <i>Nature Protocols</i> , 2012, 7, 1009-1014.	5.5	706
22	Brain-Gut-Microbe Communication in Health and Disease. <i>Frontiers in Physiology</i> , 2011, 2, 94.	1.3	698
23	Psychobiotics and the Manipulation of Bacteria-Gut-Brain Signals. <i>Trends in Neurosciences</i> , 2016, 39, 763-781.	4.2	691
24	The Microbiome-Gut-Brain Axis in Health and Disease. <i>Gastroenterology Clinics of North America</i> , 2017, 46, 77-89.	1.0	678
25	The gut microbiome in neurological disorders. <i>Lancet Neurology</i> , The, 2020, 19, 179-194.	4.9	669
26	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
27	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
28	The neuropharmacology of butyrate: The bread and butter of the microbiota-gut-brain axis?. <i>Neurochemistry International</i> , 2016, 99, 110-132.	1.9	565
29	In search of a depressed mouse: utility of models for studying depression-related behavior in genetically modified mice. <i>Molecular Psychiatry</i> , 2004, 9, 326-357.	4.1	553
30	Gut instincts: microbiota as a key regulator of brain development, ageing and neurodegeneration. <i>Journal of Physiology</i> , 2017, 595, 489-503.	1.3	520
31	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
32	Microbial genes, brain & behaviour - Epigenetic regulation of the gut-brain axis. <i>Genes, Brain and Behavior</i> , 2014, 13, 69-86.	1.1	495
33	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
34	Regulation of prefrontal cortex myelination by the microbiota. <i>Translational Psychiatry</i> , 2016, 6, e774-e774.	2.4	459
35	Regulation of the stress response by the gut microbiota: Implications for psychoneuroendocrinology. <i>Psychoneuroendocrinology</i> , 2012, 37, 1369-1378.	1.3	455
36	Kynurenine pathway metabolism and the microbiota-gut-brain axis. <i>Neuropharmacology</i> , 2017, 112, 399-412.	2.0	424

#	ARTICLE	IF	CITATIONS
37	Growing up in a Bubble: Using Germ-Free Animals to Assess the Influence of the Gut Microbiota on Brain and Behavior. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw020.	1.0	419
38	Collective unconscious: How gut microbes shape human behavior. <i>Journal of Psychiatric Research</i> , 2015, 63, 1-9.	1.5	410
39	The microbiotaâ€“gutâ€“brain axis in obesity. <i>The Lancet Gastroenterology and Hepatology</i> , 2017, 2, 747-756.	3.7	408
40	The microbiome: A key regulator of stress and neuroinflammation. <i>Neurobiology of Stress</i> , 2016, 4, 23-33.	1.9	399
41	Getting the Hologenome Concept Right: an Eco-Evolutionary Framework for Hosts and Their Microbiomes. <i>MSystems</i> , 2016, 1, .	1.7	388
42	Don't worry â€”Bâ€™™ happy!: a role for GABAB receptors in anxiety and depression. <i>Trends in Pharmacological Sciences</i> , 2005, 26, 36-43.	4.0	385
43	Gut microbiota, obesity and diabetes. <i>Postgraduate Medical Journal</i> , 2016, 92, 286-300.	0.9	377
44	Adult Hippocampal Neurogenesis Is Regulated by the Microbiome. <i>Biological Psychiatry</i> , 2015, 78, e7-e9.	0.7	363
45	The microbiome: stress, health and disease. <i>Mammalian Genome</i> , 2014, 25, 49-74.	1.0	361
46	Anxiety, Depression, and the Microbiome: A Role for Gut Peptides. <i>Neurotherapeutics</i> , 2018, 15, 36-59.	2.1	358
47	The Microbiota-Gut-Brain Axis: From Motility to Mood. <i>Gastroenterology</i> , 2021, 160, 1486-1501.	0.6	356
48	Feeding the microbiota-gut-brain axis: diet, microbiome, and neuropsychiatry. <i>Translational Research</i> , 2017, 179, 223-244.	2.2	351
49	<i>Bifidobacterium longum</i> 1714 as a translational psychobiotic: modulation of stress, electrophysiology and neurocognition in healthy volunteers. <i>Translational Psychiatry</i> , 2016, 6, e939-e939.	2.4	350
50	Maternal separation as a model of brainâ€“gut axis dysfunction. <i>Psychopharmacology</i> , 2011, 214, 71-88.	1.5	339
51	Melancholic microbes: a link between gut microbiota and depression?. <i>Neurogastroenterology and Motility</i> , 2013, 25, 713-719.	1.6	337
52	<i>Bifidobacteria</i> exert strainâ€“specific effects on stressâ€“related behavior and physiology in <i>BALB/c</i> mice. <i>Neurogastroenterology and Motility</i> , 2014, 26, 1615-1627.	1.6	337
53	Gut Microbe to Brain Signaling: What Happens in Vagusâ€“. <i>Neuron</i> , 2019, 101, 998-1002.	3.8	327
54	Genetic and Pharmacological Evidence of a Role for GABAB Receptors in the Modulation of Anxiety- and Antidepressant-Like Behavior. <i>Neuropsychopharmacology</i> , 2004, 29, 1050-1062.	2.8	314

#	ARTICLE	IF	CITATIONS
55	cAMP Response Element-Binding Protein Is Essential for the Upregulation of Brain-Derived Neurotrophic Factor Transcription, But Not the Behavioral or Endocrine Responses to Antidepressant Drugs. <i>Journal of Neuroscience</i> , 2002, 22, 3262-3268.	1.7	307
56	Bifidobacteria modulate cognitive processes in an anxious mouse strain. <i>Behavioural Brain Research</i> , 2015, 287, 59-72.	1.2	296
57	The Trier Social Stress Test: Principles and practice. <i>Neurobiology of Stress</i> , 2017, 6, 113-126.	1.9	294
58	Differential Compartmentalization and Distinct Functions of GABAB Receptor Variants. <i>Neuron</i> , 2006, 50, 589-601.	3.8	289
59	Stress resilience during the coronavirus pandemic. <i>European Neuropsychopharmacology</i> , 2020, 35, 12-16.	0.3	285
60	Differential behavioral effects of the antidepressants reboxetine, fluoxetine, and moclobemide in a modified forced swim test following chronic treatment. <i>Psychopharmacology</i> , 2005, 182, 335-344.	1.5	281
61	Microbiota-Gut-Brain Axis: Modulator of Host Metabolism and Appetite. <i>Journal of Nutrition</i> , 2017, 147, 727-745.	1.3	280
62	Microbiota and the social brain. <i>Science</i> , 2019, 366, .	6.0	279
63	Animal models of mood disorders: recent developments. <i>Current Opinion in Psychiatry</i> , 2007, 20, 1-7.	3.1	278
64	Diet and depression: exploring the biological mechanisms of action. <i>Molecular Psychiatry</i> , 2021, 26, 134-150.	4.1	265
65	Adult microbiota-deficient mice have distinct dendritic morphological changes: differential effects in the amygdala and hippocampus. <i>European Journal of Neuroscience</i> , 2016, 44, 2654-2666.	1.2	263
66	Stress and the Microbiota-Gut-Brain Axis in Visceral Pain: Relevance to Irritable Bowel Syndrome. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 102-117.	1.9	262
67	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
68	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
69	Brain-gut-microbiota axis mood, metabolism and behaviour. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017, 14, 69-70.	8.2	252
70	Irritable bowel syndrome: A microbiome-gut-brain axis disorder?. <i>World Journal of Gastroenterology</i> , 2014, 20, 14105.	1.4	249
71	The Impact of Microbiota on Brain and Behavior: Mechanisms & Therapeutic Potential. <i>Advances in Experimental Medicine and Biology</i> , 2014, 817, 373-403.	0.8	247
72	Bacterial Neuroactive Compounds Produced by Psychobiotics. <i>Advances in Experimental Medicine and Biology</i> , 2014, 817, 221-239.	0.8	245

#	ARTICLE	IF	CITATIONS
73	From The Cover: A selective metabotropic glutamate receptor 7 agonist: Activation of receptor signaling via an allosteric site modulates stress parameters in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18712-18717.	3.3	244
74	Norepinephrine-deficient mice lack responses to antidepressant drugs, including selective serotonin reuptake inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 8186-8191.	3.3	243
75	Antidepressant and anxiolytic-like effects in mice lacking the group III metabotropic glutamate receptor mGluR7. <i>European Journal of Neuroscience</i> , 2003, 17, 2409-2417.	1.2	240
76	Gender-dependent consequences of chronic olanzapine in the rat: effects on body weight, inflammatory, metabolic and microbiota parameters. <i>Psychopharmacology</i> , 2012, 221, 155-169.	1.5	231
77	Recent developments in understanding the role of the gut microbiota in brain health and disease. <i>Annals of the New York Academy of Sciences</i> , 2018, 1420, 5-25.	1.8	227
78	Microbiota-Gut-Brain Axis: New Therapeutic Opportunities. <i>Annual Review of Pharmacology and Toxicology</i> , 2020, 60, 477-502.	4.2	227
79	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
80	Disturbance of the gut microbiota in early-life selectively affects visceral pain in adulthood without impacting cognitive or anxiety-related behaviors in male rats. <i>Neuroscience</i> , 2014, 277, 885-901.	1.1	222
81	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
82	May the Force Be With You: The Light and Dark Sides of the Microbiota-Gut-Brain Axis in Neuropsychiatry. <i>CNS Drugs</i> , 2016, 30, 1019-1041.	2.7	218
83	The Neuroendocrinology of the Microbiota-Gut-Brain Axis: A Behavioural Perspective. <i>Frontiers in Neuroendocrinology</i> , 2018, 51, 80-101.	2.5	218
84	Redistribution of GABAB(1) Protein and Atypical GABAB Responses in GABAB(2)-Deficient Mice. <i>Journal of Neuroscience</i> , 2004, 24, 6086-6097.	1.7	213
85	The impact of gut microbiota on brain and behaviour. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2015, 18, 552-558.	1.3	212
86	Gut Reactions: Breaking Down Xenobiotic-Microbiome Interactions. <i>Pharmacological Reviews</i> , 2019, 71, 198-224.	7.1	211
87	Microbes & neurodevelopment - 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
88	Brain-Gut-Microbiota Axis and Mental Health. <i>Psychosomatic Medicine</i> , 2017, 79, 920-926.	1.3	210
89	Microbiota Regulation of the Mammalian Gut-Brain Axis. <i>Advances in Applied Microbiology</i> , 2015, 91, 1-62.	1.3	207
90	Bupropion enhances brain reward function and reverses the affective and somatic aspects of nicotine withdrawal in the rat. <i>Psychopharmacology</i> , 2003, 168, 347-358.	1.5	206

#	ARTICLE	IF	CITATIONS
91	Behavioral Characterization of the Novel GABAB Receptor-Positive Modulator GS39783 (N,Nâ€²-Dicyclopentyl-2-methylsulfanyl-5-nitro-pyrimidine-4,6-diamine): Anxiolytic-Like Activity without Side Effects Associated with Baclofen or Benzodiazepines. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 310, 952-963.	1.3	203
92	Communication between gastrointestinal bacteria and the nervous system. <i>Current Opinion in Pharmacology</i> , 2012, 12, 667-672.	1.7	203
93	Antipsychotics and the gut microbiome: olanzapine-induced metabolic dysfunction is attenuated by antibiotic administration in the rat. <i>Translational Psychiatry</i> , 2013, 3, e309-e309.	2.4	201
94	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
95	Antidepressant-like behavioral effects mediated by 5-Hydroxytryptamine(2C) receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2000, 295, 1120-6.	1.3	198
96	Behavioural and neurochemical consequences of chronic gut microbiota depletion during adulthood in the rat. <i>Neuroscience</i> , 2016, 339, 463-477.	1.1	196
97	Neurochemical and behavioral consequences of widespread gene knockdown in the adult mouse brain by using nonviral RNA interference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 17270-17275.	3.3	195
98	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
99	Chrelin signalling and obesity: At the interface of stress, mood and food reward. , 2012, 135, 316-326.		194
100	Cross Talk: The Microbiota and Neurodevelopmental Disorders. <i>Frontiers in Neuroscience</i> , 2017, 11, 490.	1.4	194
101	Nutritional psychiatry: Towards improving mental health by what you eat. <i>European Neuropsychopharmacology</i> , 2019, 29, 1321-1332.	0.3	191
102	Withdrawal from chronic amphetamine induces Depressive-Like behavioral effects in rodents. <i>Biological Psychiatry</i> , 2003, 54, 49-58.	0.7	180
103	Research Review: Birth by caesarean section and development of autism spectrum disorder and attentionâ€‘deficit/hyperactivity disorder: a systematic review and metaâ€‘analysis. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 500-508.	3.1	178
104	The future of rodent models in depression research. <i>Nature Reviews Neuroscience</i> , 2019, 20, 686-701.	4.9	178
105	Exciting Times beyond the Brain: Metabotropic Glutamate Receptors in Peripheral and Non-Neural Tissues. <i>Pharmacological Reviews</i> , 2011, 63, 35-58.	7.1	177
106	Specific gamma-hydroxybutyrate-binding sites but loss of pharmacological effects of gamma-hydroxybutyrate in GABAB(1)-deficient mice. <i>European Journal of Neuroscience</i> , 2003, 18, 2722-2730.	1.2	175
107	Review article: probiotics for the treatment of irritable bowel syndrome â€‘ focus on lactic acid bacteria. <i>Alimentary Pharmacology and Therapeutics</i> , 2012, 35, 403-413.	1.9	175
108	Microbes, Immunity, and Behavior: Psychoneuroimmunology Meets the Microbiome. <i>Neuropsychopharmacology</i> , 2017, 42, 178-192.	2.8	174

#	ARTICLE	IF	CITATIONS
109	Interactions between antidepressants and P-glycoprotein at the blood-brain barrier: clinical significance of <i>in vitro</i> and <i>in vivo</i> findings. <i>British Journal of Pharmacology</i> , 2012, 165, 289-312.	2.7	171
110	The probiotic <i>Bifidobacterium infantis</i> 35624 displays visceral antinociceptive effects in the rat. <i>Neurogastroenterology and Motility</i> , 2010, 22, 1029.	1.6	170
111	Differential effects of psychotropic drugs on microbiome composition and gastrointestinal function. <i>Psychopharmacology</i> , 2019, 236, 1671-1685.	1.5	170
112	Noradrenergic lesions differentially alter the antidepressant-like effects of reboxetine in a modified forced swim test. <i>European Journal of Pharmacology</i> , 2002, 436, 197-205.	1.7	168
113	Role of adult hippocampal neurogenesis in stress resilience. <i>Neurobiology of Stress</i> , 2015, 1, 147-155.	1.9	165
114	Probiotic modulation of the microbiota-gut-brain axis and behaviour in zebrafish. <i>Scientific Reports</i> , 2016, 6, 30046.	1.6	165
115	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
116	Genomics of schizophrenia: time to consider the gut microbiome?. <i>Molecular Psychiatry</i> , 2014, 19, 1252-1257.	4.1	163
117	Gut Microbiota: The Conductor in the Orchestra of Immune-Neuroendocrine Communication. <i>Clinical Therapeutics</i> , 2015, 37, 954-967.	1.1	163
118	Food for thought: The role of nutrition in the microbiota-gut-brain axis. <i>Clinical Nutrition Experimental</i> , 2016, 6, 25-38.	2.0	163
119	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
120	Irritable bowel syndrome: towards biomarker identification. <i>Trends in Molecular Medicine</i> , 2009, 15, 478-489.	3.5	160
121	Towards a psychobiotic therapy for depression: <i>Bifidobacterium breve</i> CCFM1025 reverses chronic stress-induced depressive symptoms and gut microbial abnormalities in mice. <i>Neurobiology of Stress</i> , 2020, 12, 100216.	1.9	159
122	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
123	Brain-gut-microbiota axis: challenges for translation in psychiatry. <i>Annals of Epidemiology</i> , 2016, 26, 366-372.	0.9	157
124	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
125	Gut memories: Towards a cognitive neurobiology of irritable bowel syndrome. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 310-340.	2.9	155
126	Early-life adversity and brain development: Is the microbiome a missing piece of the puzzle?. <i>Neuroscience</i> , 2017, 342, 37-54.	1.1	155



#	ARTICLE	IF	CITATIONS
127	Feeling Strained? Influence of Genetic Background on Depression-Related Behavior in Mice: A Review. <i>Behavior Genetics</i> , 2007, 37, 171-213.	1.4	153
128	Depression's Unholy Trinity: Dysregulated Stress, Immunity, and the Microbiome. <i>Annual Review of Psychology</i> , 2020, 71, 49-78.	9.9	152
129	Probiotics and the Microbiota-Gut-Brain Axis: Focus on Psychiatry. <i>Current Nutrition Reports</i> , 2020, 9, 171-182.	2.1	151
130	A gut (microbiome) feeling about the brain. <i>Current Opinion in Gastroenterology</i> , 2016, 32, 96-102.	1.0	150
131	A Gut Feeling about GABA: Focus on GABAB Receptors. <i>Frontiers in Pharmacology</i> , 2010, 01, 124.	1.6	148
132	The Microbiome in Psychology and Cognitive Neuroscience. <i>Trends in Cognitive Sciences</i> , 2018, 22, 611-636.	4.0	148
133	Priming for health: gut microbiota acquired in early life regulates physiology, brain and behaviour. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014, 103, 812-819.	0.7	146
134	The microbiome regulates amygdala-dependent fear recall. <i>Molecular Psychiatry</i> , 2018, 23, 1134-1144.	4.1	146
135	Programming Bugs: Microbiota and the Developmental Origins of Brain Health and Disease. <i>Biological Psychiatry</i> , 2019, 85, 150-163.	0.7	146
136	siRNA-mediated knockdown of the serotonin transporter in the adult mouse brain. <i>Molecular Psychiatry</i> , 2005, 10, 782-789.	4.1	144
137	Concomitant Deficits in Working Memory and Fear Extinction Are Functionally Dissociated from Reduced Anxiety in Metabotropic Glutamate Receptor 7-Deficient Mice. <i>Journal of Neuroscience</i> , 2006, 26, 6573-6582.	1.7	144
138	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
139	Making Sense of the Microbiome in Psychiatry. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 37-52.	1.0	142
140	High-fat diet selectively protects against the effects of chronic social stress in the mouse. <i>Neuroscience</i> , 2011, 192, 351-360.	1.1	141
141	The blood-brain barrier in aging and neurodegeneration. <i>Molecular Psychiatry</i> , 2022, 27, 2659-2673.	4.1	141
142	Region specific decrease in glial fibrillary acidic protein immunoreactivity in the brain of a rat model of depression. <i>Neuroscience</i> , 2009, 159, 915-925.	1.1	137
143	Poor cognitive ageing: Vulnerabilities, mechanisms and the impact of nutritional interventions. <i>Ageing Research Reviews</i> , 2018, 42, 40-55.	5.0	136
144	5-HT1A and beyond: the role of serotonin and its receptors in depression and the antidepressant response. <i>Human Psychopharmacology</i> , 2000, 15, 113-135.	0.7	135

#	ARTICLE	IF	CITATIONS
145	Microbial regulation of microRNA expression in the amygdala and prefrontal cortex. <i>Microbiome</i> , 2017, 5, 102.	4.9	133
146	Microbiota from young mice counteracts selective age-associated behavioral deficits. <i>Nature Aging</i> , 2021, 1, 666-676.	5.3	132
147	Altered peripheral toll-like receptor responses in the irritable bowel syndrome. <i>Alimentary Pharmacology and Therapeutics</i> , 2011, 33, 1045-1052.	1.9	130
148	Microbe-host interactions: Influence of the gut microbiota on the enteric nervous system. <i>Developmental Biology</i> , 2016, 417, 182-187.	0.9	129
149	Little things on which happiness depends: microRNAs as novel therapeutic targets for the treatment of anxiety and depression. <i>Molecular Psychiatry</i> , 2012, 17, 359-376.	4.1	128
150	Youâ€™ve got male: Sex and the microbiota-gut-brain axis across the lifespan. <i>Frontiers in Neuroendocrinology</i> , 2020, 56, 100815.	2.5	128
151	Altered anxiety and depression-related behaviour in mice lacking GABAB(2) receptor subunits. <i>NeuroReport</i> , 2005, 16, 307-310.	0.6	127
152	Gut microbiota, the pharmabiotics they produce and host health. <i>Proceedings of the Nutrition Society</i> , 2014, 73, 477-489.	0.4	126
153	Immune modulation of the brain-gut-microbe axis. <i>Frontiers in Microbiology</i> , 2014, 5, 146.	1.5	125
154	Diet and the Microbiotaâ€™Gutâ€™Brain Axis: Sowing the Seeds of Good Mental Health. <i>Advances in Nutrition</i> , 2021, 12, 1239-1285.	2.9	125
155	Promiscuous Dimerization of the Growth Hormone Secretagogue Receptor (GHS-R1a) Attenuates Ghrelin-mediated Signaling. <i>Journal of Biological Chemistry</i> , 2013, 288, 181-191.	1.6	123
156	Metabotropic Glutamate Receptor Subtype 7 Ablation Causes Dysregulation of the HPA Axis and Increases Hippocampal BDNF Protein Levels: Implications for Stress-Related Psychiatric Disorders. <i>Neuropsychopharmacology</i> , 2006, 31, 1112-1122.	2.8	122
157	Enhanced Cholinergic-Mediated Increase in the Pro-Inflammatory Cytokine IL-6 in Irritable Bowel Syndrome: Role of Muscarinic Receptors. <i>American Journal of Gastroenterology</i> , 2008, 103, 2570-2576.	0.2	122
158	A psychology of the human brainâ€™gutâ€™microbiome axis. <i>Social and Personality Psychology Compass</i> , 2017, 11, e12309.	2.0	121
159	The Rostral Anterior Cingulate Cortex Modulates the Efficiency of Amygdala-Dependent Fear Learning. <i>Biological Psychiatry</i> , 2008, 63, 821-831.	0.7	119
160	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
161	GABAB Receptor Antagonist-Mediated Antidepressant-Like Behavior Is Serotonin-Dependent. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 312, 290-296.	1.3	118
162	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

#	ARTICLE	IF	CITATIONS
163	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
164	Microbiota regulates visceral pain in the mouse. <i>ELife</i> , 2017, 6, .	2.8	117
165	Short chain fatty acids: Microbial metabolites for gut-brain axis signalling. <i>Molecular and Cellular Endocrinology</i> , 2022, 546, 111572.	1.6	117
166	mGluR7 facilitates extinction of aversive memories and controls amygdala plasticity. <i>Molecular Psychiatry</i> , 2008, 13, 970-979.	4.1	116
167	“Killing the Blues” A role for cellular suicide (apoptosis) in depression and the antidepressant response?. <i>Progress in Neurobiology</i> , 2009, 88, 246-263.	2.8	116
168	Stress and adolescent hippocampal neurogenesis: diet and exercise as cognitive modulators. <i>Translational Psychiatry</i> , 2017, 7, e1081-e1081.	2.4	115
169	Do interactions between stress and immune responses lead to symptom exacerbations in irritable bowel syndrome?. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 1333-1341.	2.0	113
170	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
171	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
172	The GABAB Receptor-Positive Modulator GS39783 and the GABAB Receptor Agonist Baclofen Attenuate the Reward-Facilitating Effects of Cocaine: Intracranial Self-Stimulation Studies in the Rat. <i>Neuropsychopharmacology</i> , 2005, 30, 2065-2072.	2.8	109
173	Tryptophan degradation in irritable bowel syndrome: evidence of indoleamine 2,3-dioxygenase activation in a male cohort. <i>BMC Gastroenterology</i> , 2009, 9, 6.	0.8	109
174	Distinct alterations in colonic morphology and physiology in two rat models of enhanced stress-induced anxiety and depression-like behaviour. <i>Stress</i> , 2010, 13, 114-122.	0.8	109
175	Psychotropics and the Microbiome: a Chamber of Secrets . <i>Psychopharmacology</i> , 2019, 236, 1411-1432.	1.5	109
176	Evaluation of reward processes in an animal model of depression. <i>Psychopharmacology</i> , 2007, 190, 555-568.	1.5	108
177	Tryptophan catabolism in females with irritable bowel syndrome: relationship to interferon-γ, severity of symptoms and psychiatric comorbidity. <i>Neurogastroenterology and Motility</i> , 2008, 20, 1291-1297.	1.6	108
178	Association Between Obstetric Mode of Delivery and Autism Spectrum Disorder. <i>JAMA Psychiatry</i> , 2015, 72, 935.	6.0	108
179	Human preservation techniques in anatomy: A 21st century medical education perspective. <i>Clinical Anatomy</i> , 2015, 28, 725-734.	1.5	107
180	Adding fuel to the fire: the impact of stress on the ageing brain. <i>Trends in Neurosciences</i> , 2015, 38, 13-25.	4.2	107

#	ARTICLE	IF	CITATIONS
181	More than a Gut Feeling: the Microbiota Regulates Neurodevelopment and Behavior. <i>Neuropsychopharmacology</i> , 2015, 40, 241-242.	2.8	106
182	Lean mean fat reducing â€œghrelinâ€•machine: Hypothalamic ghrelin and ghrelin receptors as therapeutic targets in obesity. <i>Neuropharmacology</i> , 2010, 58, 2-16.	2.0	103
183	Annual Research Review: Critical windows â€œ the microbiotaâ€œgutâ€œbrain axis in neurocognitive development. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2020, 61, 353-371.	3.1	103
184	Enhanced peripheral toll-like receptor responses in psychosis: further evidence of a pro-inflammatory phenotype. <i>Translational Psychiatry</i> , 2011, 1, e36-e36.	2.4	102
185	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
186	When Rhythms Meet the Blues: Circadian Interactions with the Microbiota-Gut-Brain Axis. <i>Cell Metabolism</i> , 2020, 31, 448-471.	7.2	101
187	MicroRNAs as biomarkers for major depression: a role for let-7b and let-7c. <i>Translational Psychiatry</i> , 2016, 6, e862-e862.	2.4	100
188	Gamma-aminobutyric acid-producing lactobacilli positively affect metabolism and depressive-like behaviour in a mouse model of metabolic syndrome. <i>Scientific Reports</i> , 2019, 9, 16323.	1.6	100
189	Inhibiting neuroinflammation: The role and therapeutic potential of GABA in neuro-immune interactions. <i>Brain, Behavior, and Immunity</i> , 2016, 54, 260-277.	2.0	99
190	Self-assembling Modified Î²-Cyclodextrin Nanoparticles as Neuronal siRNA Delivery Vectors: Focus on Huntingtonâ€™s Disease. <i>Molecular Pharmaceutics</i> , 2013, 10, 640-649.	2.3	98
191	microRNAs as novel antidepressant targets: converging effects of ketamine and electroconvulsive shock therapy in the rat hippocampus. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 1885-1892.	1.0	98
192	Ghrelinâ€™s Orexigenic Effect Is Modulated via a Serotonin 2C Receptor Interaction. <i>ACS Chemical Neuroscience</i> , 2015, 6, 1186-1197.	1.7	98
193	Molecular biomarkers of depression. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 64, 101-133.	2.9	97
194	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
195	A Distinct Profile of Tryptophan Metabolism along the Kynurenine Pathway Downstream of Toll-Like Receptor Activation in Irritable Bowel Syndrome. <i>Frontiers in Pharmacology</i> , 2012, 3, 90.	1.6	94
196	Gutted! Unraveling the Role of the Microbiome in Major Depressive Disorder. <i>Harvard Review of Psychiatry</i> , 2020, 28, 26-39.	0.9	94
197	Increased sensitivity to the effects of chronic social defeat stress in an innately anxious mouse strain. <i>Neuroscience</i> , 2011, 192, 524-536.	1.1	93
198	Schizophrenia patients with a history of childhood trauma have a pro-inflammatory phenotype. <i>Psychological Medicine</i> , 2012, 42, 1865-1871.	2.7	93

#	ARTICLE	IF	CITATIONS
199	Genetic Strain Differences in Learned Fear Inhibition Associated with Variation in Neuroendocrine, Autonomic, and Amygdala Dendritic Phenotypes. <i>Neuropsychopharmacology</i> , 2012, 37, 1534-1547.	2.8	93
200	Short-chain fatty acids and microbiota metabolites attenuate ghrelin receptor signaling. <i>FASEB Journal</i> , 2019, 33, 13546-13559.	0.2	93
201	Antidepressant-like effects of the novel, selective, 5-HT <sub>2C</sub> receptor agonist WAY-163909 in rodents. <i>Psychopharmacology</i> , 2007, 192, 159-170.	1.5	92
202	A sustained hypothalamic-pituitary-adrenal axis response to acute psychosocial stress in irritable bowel syndrome. <i>Psychological Medicine</i> , 2014, 44, 3123-3134.	2.7	91
203	Serum BDNF as a peripheral biomarker of treatment-resistant depression and the rapid antidepressant response: A comparison of ketamine and ECT. <i>Journal of Affective Disorders</i> , 2015, 186, 306-311.	2.0	90
204	Nanoparticles and the Blood-Brain Barrier: Advancing from In-Vitro Models Towards Therapeutic Significance. <i>Pharmaceutical Research</i> , 2015, 32, 1161-1185.	1.7	90
205	Born this way: Hippocampal neurogenesis across the lifespan. <i>Aging Cell</i> , 2019, 18, e13007.	3.0	90
206	Dietary <i>trans</i> -10, <i>cis</i> -12-conjugated linoleic acid alters fatty acid metabolism and microbiota composition in mice. <i>British Journal of Nutrition</i> , 2015, 113, 728-738.	1.2	89
207	Alterations in the central CRF system of two different rat models of comorbid depression and functional gastrointestinal disorders. <i>International Journal of Neuropsychopharmacology</i> , 2011, 14, 666-683.	1.0	88
208	Cognitive performance in irritable bowel syndrome: evidence of a stress-related impairment in visuospatial memory. <i>Psychological Medicine</i> , 2014, 44, 1553-1566.	2.7	88
209	Gut Microbiota: A Perspective for Psychiatrists. <i>Neuropsychobiology</i> , 2020, 79, 50-62.	0.9	87
210	Modelling depression in animals: at the interface of reward and stress pathways. <i>Psychopharmacology</i> , 2017, 234, 1451-1465.	1.5	86
211	The vagus nerve modulates BDNF expression and neurogenesis in the hippocampus. <i>European Neuropsychopharmacology</i> , 2018, 28, 307-316.	0.3	86
212	Behavioral and Neurochemical Effects of Combined Selective Inhibitor of Serotonin Reuptake and 5-Hydroxytryptamine <sub>1A</sub> Receptor Partial Agonist. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 302, 1220-1227.	1.3	85
213	Resistance to Early-Life Stress in Mice: Effects of Genetic Background and Stress Duration. <i>Frontiers in Behavioral Neuroscience</i> , 2011, 5, 13.	1.0	85
214	Microbiota and neuroimmune signalling—Metchnikoff to microglia. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2015, 12, 494-496.	8.2	85
215	Mood by microbe: towards clinical translation. <i>Genome Medicine</i> , 2016, 8, 36.	3.6	85
216	The microbiota-gut-brain axis as a key regulator of neural function and the stress response: Implications for human and animal health <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2017, 95, 3225-3246.	0.2	84

#	ARTICLE	IF	CITATIONS
217	Priming for Life: Early Life Nutrition and the Microbiota-Gut-Brain Axis. <i>Nutrients</i> , 2021, 13, 423.	1.7	83
218	GABAB Receptors and Depression: Current Status. <i>Advances in Pharmacology</i> , 2010, 58, 427-451.	1.2	82
219	The Ups and Downs of Modelling Mood Disorders in Rodents. <i>ILAR Journal</i> , 2014, 55, 297-309.	1.8	81
220	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
221	Non-nicotinic neuropharmacological strategies for nicotine dependence: beyond bupropion. <i>Drug Discovery Today</i> , 2003, 8, 1025-1034.	3.2	80
222	Gutsy Moves: The Amygdala as a Critical Node in Microbiota to Brain Signaling. <i>BioEssays</i> , 2018, 40, 1700172.	1.2	80
223	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
224	Finding the needle in the haystack: systematic identification of psychobiotics. <i>British Journal of Pharmacology</i> , 2018, 175, 4430-4438.	2.7	79
225	Preventing adolescent stress-induced cognitive and microbiome changes by diet. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9644-9651.	3.3	79
226	Neurobehavioural effects of <i>Lactobacillus rhamnosus</i> GG alone and in combination with prebiotics polydextrose and galactooligosaccharide in male rats exposed to early-life stress. <i>Nutritional Neuroscience</i> , 2019, 22, 425-434.	1.5	79
227	Use of dopamine-beta-hydroxylase-deficient mice to determine the role of norepinephrine in the mechanism of action of antidepressant drugs. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2001, 298, 651-7.	1.3	78
228	GABA <sub>B(1)</sub> receptor subunit isoforms differentially regulate stress resilience. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15232-15237.	3.3	77
229	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
230	Faster, better, stronger: Towards new antidepressant therapeutic strategies. <i>European Journal of Pharmacology</i> , 2015, 753, 32-50.	1.7	77
231	Riluzole Normalizes Early-Life Stress-Induced Visceral Hypersensitivity in Rats: Role of Spinal Glutamate Reuptake Mechanisms. <i>Gastroenterology</i> , 2010, 138, 2418-2425.	0.6	76
232	BDNF expression in the hippocampus of maternally separated rats: does <i>Bifidobacterium breve</i> 6330 alter BDNF levels?. <i>Beneficial Microbes</i> , 2011, 2, 199-207.	1.0	76
233	Phenotypic effects of repeated psychosocial stress during adolescence in mice mutant for the schizophrenia risk gene neuregulin-1: A putative model of gene × environment interaction. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 660-671.	2.0	76
234	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

#	ARTICLE	IF	CITATIONS
235	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
236	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
237	Metabotropic glutamate receptor 7: At the interface of cognition and emotion. <i>European Journal of Pharmacology</i> , 2010, 639, 123-131.	1.7	75
238	IBS: an epigenetic perspective. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2010, 7, 465-471.	8.2	75
239	Strain differences in the neurochemical response to chronic restraint stress in the rat: Relevance to depression. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 97, 690-699.	1.3	74
240	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
241	Intervention strategies for cesarean section-induced alterations in the microbiota-gut-brain axis. <i>Nutrition Reviews</i> , 2017, 75, 225-240.	2.6	73
242	Social interaction-induced activation of RNA splicing in the amygdala of microbiome-deficient mice. <i>ELife</i> , 2018, 7, .	2.8	73
243	Restraint stress-induced brain activation patterns in two strains of mice differing in their anxiety behaviour. <i>Behavioural Brain Research</i> , 2010, 213, 148-154.	1.2	72
244	Early-life stress-induced visceral hypersensitivity and anxiety behavior is reversed by histone deacetylase inhibition. <i>Neurogastroenterology and Motility</i> , 2015, 27, 1831-1836.	1.6	72
245	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
246	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
247	Behavioral evaluation of mice deficient in GABAB(1) receptor isoforms in tests of unconditioned anxiety. <i>Psychopharmacology</i> , 2007, 190, 541-553.	1.5	70
248	5-HT2B receptors modulate visceral hypersensitivity in a stress-sensitive animal model of brain-gut axis dysfunction. <i>Neurogastroenterology and Motility</i> , 2010, 22, 573-e124.	1.6	70
249	Colorectal distension-induced prefrontal cortex activation in the Wistar-Kyoto rat: implications for irritable bowel syndrome. <i>Neuroscience</i> , 2010, 165, 675-683.	1.1	70
250	Neonatal maternal separation in the rat impacts on the stress responsivity of central corticotropin-releasing factor receptors in adulthood. <i>Psychopharmacology</i> , 2011, 214, 221-229.	1.5	70
251	Streptozotocin-induced type-1-diabetes disease onset in Sprague-Dawley rats is associated with an altered intestinal microbiota composition and decreased diversity. <i>Microbiology (United Kingdom)</i> , 2015, 161, 182-193.	0.7	70
252	Transient inactivation of the infralimbic cortex induces antidepressant-like effects in the rat. <i>Journal of Psychopharmacology</i> , 2011, 25, 1295-1303.	2.0	68



#	ARTICLE	IF	CITATIONS
253	A click chemistry route to 2-functionalised PEGylated and cationic $\beta$ -cyclodextrins: co-formulation opportunities for siRNA delivery. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4954.	1.5	68
254	Click-Modified Cyclodextrins as Nonviral Vectors for Neuronal siRNA Delivery. <i>ACS Chemical Neuroscience</i> , 2012, 3, 744-752.	1.7	67
255	Comparative effects of serotonergic agonists with varying efficacy at the 5-HT <sub>1A</sub> receptor on core body temperature: modification by the selective 5-HT <sub>1A</sub> receptor antagonist WAY 100635. <i>Journal of Psychopharmacology</i> , 1999, 13, 278-283.	2.0	66
256	Toll-Like Receptor 4 Regulates Chronic Stress-Induced Visceral Pain in Mice. <i>Biological Psychiatry</i> , 2014, 76, 340-348.	0.7	66
257	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
258	Evaluation of the anxiolytic-like profile of the GABAB receptor positive modulator CGP7930 in rodents. <i>Neuropharmacology</i> , 2008, 54, 854-862.	2.0	65
259	Selective activation of metabotropic G-protein-coupled glutamate 7 receptor elicits anxiolytic-like effects in mice by modulating GABAergic neurotransmission. <i>Behavioural Pharmacology</i> , 2008, 19, 597-603.	0.8	65
260	Man and the Microbiome: A New Theory of Everything?. <i>Annual Review of Clinical Psychology</i> , 2019, 15, 371-398.	6.3	65
261	Enduring Behavioral Effects Induced by Birth by Caesarean Section in the Mouse. <i>Current Biology</i> , 2020, 30, 3761-3774.e6.	1.8	65
262	Microbiota and sleep: awakening the gut feeling. <i>Trends in Molecular Medicine</i> , 2021, 27, 935-945.	3.5	65
263	Cadaveric anatomy in the future of medical education: What is the surgeons view?. <i>Anatomical Sciences Education</i> , 2016, 9, 203-208.	2.5	64
264	Pharmacotherapy for Neonatal Seizures: Current Knowledge and Future Perspectives. <i>Drugs</i> , 2016, 76, 647-661.	4.9	64
265	<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
266	Interfering with the brain: Use of RNA interference for understanding the pathophysiology of psychiatric and neurological disorders. , 2006, 109, 413-438.		63
267	Leptin-deficient mice retain normal appetitive spatial learning yet exhibit marked increases in anxiety-related behaviours. <i>Psychopharmacology</i> , 2010, 210, 559-568.	1.5	63
268	Early-life stress induces visceral hypersensitivity in mice. <i>Neuroscience Letters</i> , 2012, 512, 99-102.	1.0	63
269	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
270	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



#	ARTICLE	IF	CITATIONS
271	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
272	The gut microbiota as a key regulator of visceral pain. <i>Pain</i> , 2017, 158, S19-S28.	2.0	63
273	The effects of repeated social interaction stress on behavioural and physiological parameters in a stress-sensitive mouse strain. <i>Behavioural Brain Research</i> , 2011, 216, 576-584.	1.2	61
274	Lithium-induced effects on adult hippocampal neurogenesis are topographically segregated along the dorso-ventral axis of stressed mice. <i>Neuropharmacology</i> , 2012, 62, 247-255.	2.0	61
275	Blockade of the GABAB receptor increases neurogenesis in the ventral but not dorsal adult hippocampus: Relevance to antidepressant action. <i>Neuropharmacology</i> , 2012, 63, 1380-1388.	2.0	61
276	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
277	Colonic soluble mediators from the maternal separation model of irritable bowel syndrome activate submucosal neurons via an interleukin-6-dependent mechanism. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, G241-G252.	1.6	60
278	The temporal impact of chronic intermittent psychosocial stress on high-fat diet-induced alterations in body weight. <i>Psychoneuroendocrinology</i> , 2012, 37, 729-741.	1.3	60
279	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
280	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
281	Can we "seize" the gut microbiota to treat epilepsy?. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 107, 750-764.	2.9	60
282	The role of the gut microbiome in the development of schizophrenia. <i>Schizophrenia Research</i> , 2021, 234, 4-23.	1.1	60
283	Microbiota-gut-brain axis as a regulator of reward processes. <i>Journal of Neurochemistry</i> , 2021, 157, 1495-1524.	2.1	60
284	GABAB Receptor-Positive Modulation Decreases Selective Molecular and Behavioral Effects of Cocaine. <i>Neuropsychopharmacology</i> , 2007, 32, 388-398.	2.8	59
285	Chronic psychosocial stress induces visceral hyperalgesia in mice. <i>Stress</i> , 2012, 15, 281-292.	0.8	59
286	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
287	Investigating causality with fecal microbiota transplantation in rodents: applications, recommendations and pitfalls. <i>Gut Microbes</i> , 2021, 13, 1941711.	4.3	59
288	Toll-Like Receptor mRNA Expression Is Selectively Increased in the Colonic Mucosa of Two Animal Models Relevant to Irritable Bowel Syndrome. <i>PLoS ONE</i> , 2009, 4, e8226.	1.1	59

#	ARTICLE	IF	CITATIONS
289	Microbial-derived metabolites as a risk factor of age-related cognitive decline and dementia. <i>Molecular Neurodegeneration</i> , 2022, 17, .	4.4	59
290	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
291	Feeding melancholic microbes: MyNewGut recommendations on diet and mood. <i>Clinical Nutrition</i> , 2019, 38, 1995-2001.	2.3	58
292	Combining pindolol and paroxetine in an animal model of chronic antidepressant action—can early onset of action be detected?. <i>European Journal of Pharmacology</i> , 1998, 352, 23-28.	1.7	57
293	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
294	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
295	Genetic vs. pharmacological inactivation of COMT influences cannabinoid-induced expression of schizophrenia-related phenotypes. <i>International Journal of Neuropsychopharmacology</i> , 2012, 15, 1331-1342.	1.0	55
296	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
297	The rostral anterior cingulate cortex modulates depression but not anxiety-related behaviour in the rat. <i>Behavioural Brain Research</i> , 2006, 175, 195-199.	1.2	54
298	Diet-induced obesity blunts the behavioural effects of ghrelin: studies in a mouse-progressive ratio task. <i>Psychopharmacology</i> , 2012, 220, 173-181.	1.5	54
299	Towards translational rodent models of depression. <i>Cell and Tissue Research</i> , 2013, 354, 141-153.	1.5	54
300	Volatility as a Concept to Understand the Impact of Stress on the Microbiome. <i>Psychoneuroendocrinology</i> , 2021, 124, 105047.	1.3	54
301	Microbiota-brain interactions: Moving toward mechanisms in model organisms. <i>Neuron</i> , 2021, 109, 3930-3953.	3.8	54
302	GABAB(1) Receptor Isoforms Differentially Mediate the Acquisition and Extinction of Aversive Taste Memories. <i>Journal of Neuroscience</i> , 2006, 26, 8800-8803.	1.7	53
303	GABAB Receptor-Positive Modulation-Induced Blockade of the Rewarding Properties of Nicotine Is Associated with a Reduction in Nucleus Accumbens $\beta$ -FosB Accumulation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 321, 172-177.	1.3	53
304	Therapeutic targeting in the silent era: advances in non-viral siRNA delivery. <i>Molecular BioSystems</i> , 2010, 6, 1143-61.	2.9	53
305	Resilience priming: Translational models for understanding resiliency and adaptation to early life adversity. <i>Developmental Psychobiology</i> , 2019, 61, 350-375.	0.9	53
306	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

#	ARTICLE	IF	CITATIONS
307	The microbiota-gut-brain axis as a key regulator of neural function and the stress response: Implications for human and animal health. <i>Journal of Animal Science</i> , 2017, 95, 3225.	0.2	52
308	Onset of the Effects of the 5-HT1A Antagonist, WAY-100635, Alone, and in Combination With Paroxetine, on Olfactory Bulbectomy and 8-OH-DPAT-Induced Changes in the Rat. <i>Pharmacology Biochemistry and Behavior</i> , 1999, 63, 333-338.	1.3	51
309	N-3 Polyunsaturated Fatty Acids through the Lifespan: Implication for Psychopathology. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw078.	1.0	51
310	The Gamma-Aminobutyric Acid B Receptor in Depression and Reward. <i>Biological Psychiatry</i> , 2018, 83, 963-976.	0.7	51
311	Marked elevations in pro-inflammatory polyunsaturated fatty acid metabolites in females with irritable bowel syndrome. <i>Journal of Lipid Research</i> , 2010, 51, 1186-1192.	2.0	50
312	Gut microbiota modulation and implications for host health: Dietary strategies to influence the gut-brain axis. <i>Innovative Food Science and Emerging Technologies</i> , 2014, 22, 239-247.	2.7	50
313	Microbiome to Brain: Unravelling the Multidirectional Axes of Communication. <i>Advances in Experimental Medicine and Biology</i> , 2016, 874, 301-336.	0.8	50
314	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
315	Specific roles of GABAB(1) receptor isoforms in cognition. <i>Behavioural Brain Research</i> , 2007, 181, 158-162.	1.2	49
316	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
317	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
318	Polyphenols selectively reverse early-life stress-induced behavioural, neurochemical and microbiota changes in the rat. <i>Psychoneuroendocrinology</i> , 2020, 116, 104673.	1.3	49
319	Microbiota-brain axis: Context and causality. <i>Science</i> , 2022, 376, 938-939.	6.0	49
320	The mouse cyclophosphamide model of bladder pain syndrome: tissue characterization, immune profiling, and relationship to metabotropic glutamate receptors. <i>Physiological Reports</i> , 2014, 2, e00260.	0.7	48
321	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
322	Faecal microRNAs: indicators of imbalance at the host-microbe interface?. <i>Beneficial Microbes</i> , 2018, 9, 175-183.	1.0	48
323	P-glycoprotein Inhibition Increases the Brain Distribution and Antidepressant-Like Activity of Escitalopram in Rodents. <i>Neuropsychopharmacology</i> , 2013, 38, 2209-2219.	2.8	47
324	The impact of obstetric mode of delivery on childhood behavior. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2015, 50, 1557-1567.	1.6	47

#	ARTICLE	IF	CITATIONS
325	The Role of the Gastrointestinal Microbiota in Visceral Pain. Handbook of Experimental Pharmacology, 2017, 239, 269-287.	0.9	47
326	Mood and Microbes. Gastroenterology Clinics of North America, 2019, 48, 389-405.	1.0	47
327	Microbiota and Neurodevelopmental Trajectories: Role of Maternal and Early-Life Nutrition. Annals of Nutrition and Metabolism, 2019, 74, 16-27.	1.0	47
328	Going with the grain: Fiber, cognition, and the microbiota-gut-brain-axis. Experimental Biology and Medicine, 2021, 246, 796-811.	1.1	47
329	Differential stress-induced alterations of colonic corticotropin-releasing factor receptors in the Wistar Kyoto rat. Neurogastroenterology and Motility, 2010, 22, 301-311.	1.6	46
330	Non-Viral Nanosystems for Gene and Small Interfering RNA Delivery to the Central Nervous System: Formulating the Solution. Journal of Pharmaceutical Sciences, 2013, 102, 3469-3484.	1.6	46
331	Influence of GABA and GABA-producing Lactobacillus brevis DPC 6108 on the development of diabetes in a streptozotocin rat model. Beneficial Microbes, 2016, 7, 409-420.	1.0	46
332	A specific dietary fibre supplementation improves cognitive performance—an exploratory randomised, placebo-controlled, crossover study. Psychopharmacology, 2021, 238, 149-163.	1.5	46
333	Obesity Takes Its Toll on Visceral Pain: High-Fat Diet Induces Toll-Like Receptor 4-Dependent Visceral Hypersensitivity. PLoS ONE, 2016, 11, e0155367.	1.1	46
334	PEGylated cyclodextrins as novel siRNA nanosystems: Correlations between polyethylene glycol length and nanoparticle stability. International Journal of Pharmaceutics, 2014, 473, 105-112.	2.6	45
335	Resilience to chronic stress is associated with specific neurobiological, neuroendocrine and immune responses. Brain, Behavior, and Immunity, 2019, 80, 583-594.	2.0	45
336	Altered response to benzodiazepine anxiolytics in mice lacking GABAB(1) receptors. European Journal of Pharmacology, 2004, 497, 119-120.	1.7	44
337	What's bugging your teen?—The microbiota and adolescent mental health. Neuroscience and Biobehavioral Reviews, 2016, 70, 300-312.	2.9	44
338	Microbial regulation of hippocampal miRNA expression: Implications for transcription of kynurenine pathway enzymes. Behavioural Brain Research, 2017, 334, 50-54.	1.2	44
339	Neuropsychiatric Disorders: Influence of Gut Microbe to Brain Signalling. Diseases (Basel,). Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50	1.0	44
340	The enduring effects of early-life stress on the microbiota-gut-brain axis are buffered by dietary supplementation with milk fat globule membrane and a prebiotic blend. European Journal of Neuroscience, 2020, 51, 1042-1058.	1.2	44
341	Birth by Caesarean Section and the Risk of Adult Psychosis: A Population-Based Cohort Study. Schizophrenia Bulletin, 2016, 42, 633-641.	2.3	43
342	Dietary phospholipids: Role in cognitive processes across the lifespan. Neuroscience and Biobehavioral Reviews, 2020, 111, 183-193.	2.9	43

#	ARTICLE	IF	CITATIONS
343	Metyrapone displays antidepressant-like properties in preclinical paradigms. <i>Psychopharmacology</i> , 1999, 145, 303-308.	1.5	42
344	Differential stress-induced alterations in tryptophan hydroxylase activity and serotonin turnover in two inbred mouse strains. <i>Neuropharmacology</i> , 2011, 60, 683-691.	2.0	42
345	Chronic stress-induced alterations in mouse colonic 5-HT and defecation responses are strain dependent. <i>Stress</i> , 2012, 15, 218-226.	0.8	42
346	5-HT <sub>4</sub> receptors do not mediate the antidepressant-like behavioral effects of fluoxetine in a modified forced swim test. <i>European Journal of Pharmacology</i> , 2000, 409, 295-299.	1.7	41
347	Inhibition of glycoprotein enhances transport of imipramine across the blood-brain barrier: microdialysis studies in conscious freely moving rats. <i>British Journal of Pharmacology</i> , 2012, 166, 1333-1343.	2.7	41
348	Medical student perceptions of radiology use in anatomy teaching. <i>Anatomical Sciences Education</i> , 2015, 8, 510-517.	2.5	41
349	Reframing the Teenage Wasteland: Adolescent Microbiota-Gut-Brain Axis. <i>Canadian Journal of Psychiatry</i> , 2016, 61, 214-221.	0.9	41
350	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
351	Amyloid precursor protein knockdown by siRNA impairs spontaneous alternation in adult mice. <i>Journal of Neurochemistry</i> , 2007, 102, 1928-1940.	2.1	40
352	Alterations in colonic corticotropin-releasing factor receptors in the maternally separated rat model of irritable bowel syndrome: Differential effects of acute psychological and physical stressors. <i>Peptides</i> , 2010, 31, 662-670.	1.2	40
353	Deficiency of essential dietary n-3 PUFA disrupts the caecal microbiome and metabolome in mice. <i>British Journal of Nutrition</i> , 2017, 118, 959-970.	1.2	40
354	Inflammation, Lifestyle Factors, and the Microbiome-Gut-Brain Axis: Relevance to Depression and Antidepressant Action. <i>Clinical Pharmacology and Therapeutics</i> , 2023, 113, 246-259.	2.3	40
355	Delivering a disease-modifying treatment for Huntington's disease. <i>Drug Discovery Today</i> , 2015, 20, 50-64.	3.2	39
356	Microbiome in brain function and mental health. <i>Trends in Food Science and Technology</i> , 2016, 57, 289-301.	7.8	39
357	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
358	Differential sensitivity to the motor and hypothermic effects of the GABA <sub>B</sub> receptor agonist baclofen in various mouse strains. <i>Psychopharmacology</i> , 2005, 179, 688-699.	1.5	38
359	A novel role for the metabotropic glutamate receptor 7: modulation of faecal water content and colonic electrolyte transport in the mouse. <i>British Journal of Pharmacology</i> , 2010, 160, 367-375.	2.7	38
360	Enduring neurobehavioral effects induced by microbiota depletion during the adolescent period. <i>Translational Psychiatry</i> , 2020, 10, 382.	2.4	38

#	ARTICLE	IF	CITATIONS
361	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
362	The gut microbiome influences the bioavailability of olanzapine in rats. <i>EBioMedicine</i> , 2021, 66, 103307.	2.7	38
363	Human P-glycoprotein differentially affects antidepressant drug transport: relevance to blood-brain barrier permeability. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 2259-2272.	1.0	37
364	Selective influence of host microbiota on cAMP-mediated ion transport in mouse colon. <i>Neurogastroenterology and Motility</i> , 2014, 26, 887-890.	1.6	37
365	Manipulation of gut microbiota blunts the ventilatory response to hypercapnia in adult rats. <i>EBioMedicine</i> , 2019, 44, 618-638.	2.7	37
366	A ghrelin receptor and oxytocin receptor heterocomplex impairs oxytocin mediated signalling. <i>Neuropharmacology</i> , 2019, 152, 90-101.	2.0	37
367	Characterization of d-fenfluramine-induced hypothermia: evidence for multiple sites of action. <i>European Journal of Pharmacology</i> , 2000, 390, 275-285.	1.7	36
368	In Vitro Investigations of the Efficacy of Cyclodextrin-siRNA Complexes Modified with Lipid-PEG-Octaarginine: Towards a Formulation Strategy for Non-viral Neuronal siRNA Delivery. <i>Pharmaceutical Research</i> , 2013, 30, 1086-1098.	1.7	36
369	Differential nanotoxicological and neuroinflammatory liabilities of non-viral vectors for RNA interference in the central nervous system. <i>Biomaterials</i> , 2014, 35, 489-499.	5.7	36
370	Early-life stress selectively affects gastrointestinal but not behavioral responses in a genetic model of brain-gut axis dysfunction. <i>Neurogastroenterology and Motility</i> , 2015, 27, 105-113.	1.6	36
371	Thinking small: towards microRNA-based therapeutics for anxiety disorders. <i>Expert Opinion on Investigational Drugs</i> , 2015, 24, 529-542.	1.9	36
372	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
373	Sex-dependent associations between addiction-related behaviors and the microbiome in outbred rats. <i>EBioMedicine</i> , 2020, 55, 102769.	2.7	36
374	Gut peptides and the microbiome: focus on ghrelin. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2021, 28, 243-252.	1.2	36
375	Metabotropic Glutamate Receptors in Central Nervous System Diseases. <i>Current Drug Targets</i> , 2016, 17, 538-616.	1.0	36
376	The effects of the 5-HT1A agonist flesinoxan, in three paradigms for assessing antidepressant potential in the rat. <i>European Neuropsychopharmacology</i> , 1997, 7, 109-114.	0.3	35
377	An effective dietary method for chronic tryptophan depletion in two mouse strains illuminates a role for 5-HT in nesting behaviour. <i>Neuropharmacology</i> , 2012, 62, 1903-1915.	2.0	35
378	Rodent Models of Colorectal Distension. <i>Current Protocols in Neuroscience</i> , 2012, 61, Unit 9.40.	2.6	35

#	ARTICLE	IF	CITATIONS
379	Adolescent Brain Vulnerability and Psychopathology Through the Generations: Role of Diet and Dopamine. <i>Biological Psychiatry</i> , 2014, 75, 4-6.	0.7	35
380	Monocyte mobilisation, microbiota & mental illness. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 74-91.	2.0	35
381	Informal caregiving for dementia patients: the contribution of patient characteristics and behaviours to caregiver burden. <i>Age and Ageing</i> , 2020, 49, 52-56.	0.7	35
382	Impact of early-life stress, on group III mGlu receptor levels in the rat hippocampus: Effects of ketamine, electroconvulsive shock therapy and fluoxetine treatment. <i>Neuropharmacology</i> , 2013, 66, 236-241.	2.0	34
383	Whey protein isolate counteracts the effects of a high-fat diet on energy intake and hypothalamic and adipose tissue expression of energy balance-related genes. <i>British Journal of Nutrition</i> , 2013, 110, 2114-2126.	1.2	34
384	The microbiome and childhood diseases: Focus on brain-gut axis. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2015, 105, 296-313.	3.6	34
385	Nuclear deterrents: Intrinsic regulators of IL-1 $\beta$ -induced effects on hippocampal neurogenesis. <i>Brain, Behavior, and Immunity</i> , 2017, 66, 394-412.	2.0	34
386	Kynurenine pathway metabolism and the neurobiology of treatment-resistant depression: Comparison of multiple ketamine infusions and electroconvulsive therapy. <i>Journal of Psychiatric Research</i> , 2018, 100, 24-32.	1.5	34
387	Chrelin At the Interface of Obesity and Reward. <i>Vitamins and Hormones</i> , 2013, 91, 285-323.	0.7	33
388	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
389	Chronic interleukin-1 $\beta$ in the dorsal hippocampus impairs behavioural pattern separation. <i>Brain, Behavior, and Immunity</i> , 2018, 74, 252-264.	2.0	33
390	A biological framework for emotional dysregulation in alcohol misuse: from gut to brain. <i>Molecular Psychiatry</i> , 2021, 26, 1098-1118.	4.1	33
391	A Glutamate Pathway to Faster-Acting Antidepressants?. <i>Science</i> , 2010, 329, 913-914.	6.0	32
392	Cationic and PEGylated Amphiphilic Cyclodextrins: Co-Formulation Opportunities for Neuronal SiRNA Delivery. <i>PLoS ONE</i> , 2013, 8, e66413.	1.1	32
393	Differential activation of the prefrontal cortex and amygdala following psychological stress and colorectal distension in the maternally separated rat. <i>Neuroscience</i> , 2014, 267, 252-262.	1.1	32
394	Strain-dependent variations in visceral sensitivity: relationship to stress, anxiety and spinal glutamate transporter expression. <i>Genes, Brain and Behavior</i> , 2015, 14, 319-329.	1.1	32
395	The brain's "Gut Microbes as Puppeteers of neural function and behaviour?". <i>Journal of NeuroVirology</i> , 2016, 22, 14-21.	1.0	32
396	Gut microbiota: a missing link in psychiatry. <i>World Psychiatry</i> , 2020, 19, 111-112.	4.8	32



#	ARTICLE	IF	CITATIONS
397	Advances in the Design of (Nano)Formulations for Delivery of Antisense Oligonucleotides and Small Interfering RNA: Focus on the Central Nervous System. <i>Molecular Pharmaceutics</i> , 2021, 18, 1491-1506.	2.3	32
398	Crosstalk between interleukin-6 and corticotropin-releasing factor modulate submucosal plexus activity and colonic secretion. <i>Brain, Behavior, and Immunity</i> , 2013, 30, 115-124.	2.0	31
399	Regulation of the brain-gut axis by group III metabotropic glutamate receptors. <i>European Journal of Pharmacology</i> , 2013, 698, 19-30.	1.7	31
400	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
401	Gut microbes and depression: Still waiting for Godot. <i>Brain, Behavior, and Immunity</i> , 2019, 79, 1-2.	2.0	31
402	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
403	Blockade of the mGlu5 receptor decreases basal and stress-induced cortical norepinephrine in rodents. <i>Psychopharmacology</i> , 2005, 179, 240-246.	1.5	30
404	Chain reactions: Early-life stress alters the metabolic profile of plasma polyunsaturated fatty acids in adulthood. <i>Behavioural Brain Research</i> , 2009, 205, 319-321.	1.2	30
405	<i>Bifidobacterium breve</i> with $\pm$ -Linolenic Acid and Linoleic Acid Alters Fatty Acid Metabolism in the Maternal Separation Model of Irritable Bowel Syndrome. <i>PLoS ONE</i> , 2012, 7, e48159.	1.1	30
406	Acute tryptophan depletion reduces kynurenine levels: implications for treatment of impaired visuospatial memory performance in irritable bowel syndrome. <i>Psychopharmacology</i> , 2015, 232, 1357-1371.	1.5	30
407	Dimensional thinking in psychiatry in the era of the Research Domain Criteria (RDoC). <i>Irish Journal of Psychological Medicine</i> , 2018, 35, 89-94.	0.7	30
408	Differential effects of adolescent and adult-initiated exercise on cognition and hippocampal neurogenesis. <i>Hippocampus</i> , 2019, 29, 352-365.	0.9	30
409	Gut-brain axis serotonergic responses to acute stress exposure are microbiome-dependent. <i>Neurogastroenterology and Motility</i> , 2020, 32, e13881.	1.6	30
410	Microbial memories: Sex-dependent impact of the gut microbiome on hippocampal plasticity. <i>European Journal of Neuroscience</i> , 2021, 54, 5235-5244.	1.2	30
411	Differential lipopolysaccharide-induced immune alterations in the hippocampus of two mouse strains: Effects of stress. <i>Neuroscience</i> , 2012, 225, 237-248.	1.1	29
412	Differential visceral nociceptive, behavioural and neurochemical responses to an immune challenge in the stress-sensitive Wistar Kyoto rat strain. <i>Behavioural Brain Research</i> , 2013, 253, 310-317.	1.2	29
413	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
414	A Microbial Drugstore for Motility. <i>Cell Host and Microbe</i> , 2018, 23, 691-692.	5.1	29



#	ARTICLE	IF	CITATIONS
415	Recipe for a Healthy Gut: Intake of Unpasteurised Milk Is Associated with Increased Lactobacillus Abundance in the Human Gut Microbiome. <i>Nutrients</i> , 2020, 12, 1468.	1.7	29
416	Dynamic 5-HT <sub>2C</sub> Receptor Editing in a Mouse Model of Obesity. <i>PLoS ONE</i> , 2012, 7, e32266.	1.1	29
417	A distinct subset of submucosal mast cells undergoes hyperplasia following neonatal maternal separation: a role in visceral hypersensitivity?. <i>Gut</i> , 2009, 58, 1029-1030.	6.1	28
418	Verapamil in treatment resistant depression: a role for the P-glycoprotein transporter?. <i>Human Psychopharmacology</i> , 2009, 24, 217-223.	0.7	28
419	Altered expression and secretion of colonic Interleukin-6 in a stress-sensitive animal model of brain-gut axis dysfunction. <i>Journal of Neuroimmunology</i> , 2011, 235, 48-55.	1.1	28
420	Strain differences in the susceptibility to the gut-brain axis and neurobehavioural alterations induced by maternal immune activation in mice. <i>Behavioural Pharmacology</i> , 2018, 29, 181-198.	0.8	28
421	A low-cost touchscreen operant chamber using a Raspberry Pi. <i>Behavior Research Methods</i> , 2018, 50, 2523-2530.	2.3	28
422	A casein hydrolysate increases GLP-1 secretion and reduces food intake. <i>Food Chemistry</i> , 2018, 252, 303-310.	4.2	28
423	Deletion of TLX and social isolation impairs exercise-induced neurogenesis in the adolescent hippocampus. <i>Hippocampus</i> , 2018, 28, 3-11.	0.9	28
424	Pindolol Augmentation of Antidepressants: A Review and Rationale. <i>Australian and New Zealand Journal of Psychiatry</i> , 2000, 34, 71-79.	1.3	27
425	Adult siRNA-induced knockdown of mGlu7 receptors reduces anxiety in the mouse. <i>Neuropharmacology</i> , 2013, 72, 66-73.	2.0	27
426	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
427	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
428	The immune-kynurenine pathway in social anxiety disorder. <i>Brain, Behavior, and Immunity</i> , 2022, 99, 317-326.	2.0	27
429	Characterisation of cationic amphiphilic cyclodextrins for neuronal delivery of siRNA: Effect of reversing primary and secondary face modifications. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 47, 896-903.	1.9	26
430	The effects of mGlu7 receptor modulation in behavioural models sensitive to antidepressant action in two mouse strains. <i>Behavioural Pharmacology</i> , 2013, 24, 105-113.	0.8	26
431	Estrous cycle influences excitatory amino acid transport and visceral pain sensitivity in the rat: effects of early-life stress. <i>Biology of Sex Differences</i> , 2016, 7, 33.	1.8	26
432	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
433	Microbially-derived short-chain fatty acids impact astrocyte gene expression in a sex-specific manner. <i>Brain, Behavior, &amp; Immunity - Health</i> , 2021, 16, 100318.	1.3	26
434	The effect of organic anion transporter 3 inhibitor probenecid on bumetanide levels in the brain: an integrated <i>in vivo</i> microdialysis study in the rat. <i>Journal of Pharmacy and Pharmacology</i> , 2015, 67, 501-510.	1.2	26
435	Genetic Approaches to Modeling Anxiety in Animals. <i>Current Topics in Behavioral Neurosciences</i> , 2009, 2, 161-201.	0.8	25
436	Stress, anxiety and depression: Toward new treatment strategies. <i>Neuropharmacology</i> , 2012, 62, 1-2.	2.0	25
437	Lithium augmentation of the effects of desipramine in a mouse model of treatment-resistant depression: A role for hippocampal cell proliferation. <i>Neuroscience</i> , 2013, 228, 36-46.	1.1	25
438	Cyclodextrin mediated delivery of NF- $\kappa$ B and SRF siRNA reduces the invasion potential of prostate cancer cells <i>in vitro</i> . <i>Gene Therapy</i> , 2015, 22, 802-810.	2.3	25
439	<i>Bifidobacterium breve</i> with $\omega$ -linolenic acid alters the composition, distribution and transcription factor activity associated with metabolism and absorption of fat. <i>Scientific Reports</i> , 2017, 7, 43300.	1.6	25
440	Gut Microbes and Brain Development Have Black Box Connectivity. <i>Biological Psychiatry</i> , 2018, 83, 97-99.	0.7	25
441	Differential functional selectivity and downstream signaling bias of ghrelin receptor antagonists and inverse agonists. <i>FASEB Journal</i> , 2019, 33, 518-531.	0.2	25
442	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
443	Natural compulsive-like behaviour in the deer mouse ( <i>Peromyscus maniculatus bairdii</i> ) is associated with altered gut microbiota composition. <i>European Journal of Neuroscience</i> , 2020, 51, 1419-1427.	1.2	25
444	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
445	Impact of host and environmental factors on $\beta$ -glucuronidase enzymatic activity: implications for gastrointestinal serotonin. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, G816-G826.	1.6	25
446	Resveratrol and metabolic health in COPD: A proof-of-concept randomized controlled trial. <i>Clinical Nutrition</i> , 2020, 39, 2989-2997.	2.3	25
447	Improvements in sleep indices during exam stress due to consumption of a <i>Bifidobacterium longum</i> . <i>Brain, Behavior, &amp; Immunity - Health</i> , 2021, 10, 100174.	1.3	25
448	Microbiota and body weight control: Weight watchers within?. <i>Molecular Metabolism</i> , 2022, 57, 101427.	3.0	25
449	Interleukin-6 Modulates Colonic Transepithelial Ion Transport in the Stress-Sensitive Wistar Kyoto Rat. <i>Frontiers in Pharmacology</i> , 2012, 3, 190.	1.6	24
450	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

#	ARTICLE	IF	CITATIONS
451	<i>Bifidobacterium infantis</i> 35624 and other probiotics in the management of irritable bowel syndrome. Strain specificity, symptoms, and mechanisms. <i>Current Medical Research and Opinion</i> , 2017, 33, 1349-1351.	0.9	24
452	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
453	Unraveling the Microbial Mechanisms Underlying the Psychobiotic Potential of a <i>Bifidobacterium breve</i> Strain. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2000704.	1.5	24
454	GABAB(1) Receptor Subunit Isoforms Exert a Differential Influence on Baseline but Not GABAB Receptor Agonist-Induced Changes in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 319, 1317-1326.	1.3	23
455	Whey protein effects on energy balance link the intestinal mechanisms of energy absorption with adiposity and hypothalamic neuropeptide gene expression. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 313, E1-E11.	1.8	23
456	Metabolome and microbiome profiling of a stress-sensitive rat model of gut-brain axis dysfunction. <i>Scientific Reports</i> , 2019, 9, 14026.	1.6	23
457	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
458	Medical student knowledge regarding radiology before and after a radiological anatomy module: implications for vertical integration and self-directed learning. <i>Insights Into Imaging</i> , 2014, 5, 629-634.	1.6	22
459	Effect of acute swim stress on plasma corticosterone and brain monoamine levels in bidirectionally selected DxH recombinant inbred mouse strains differing in fear recall and extinction. <i>Stress</i> , 2014, 17, 471-483.	0.8	22
460	The utility of cadaver-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
461	Attenuation of Oxytocin and Serotonin 2A Receptor Signaling through Novel Heteroreceptor Formation. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3225-3240.	1.7	22
462	Disodium Cromoglycate Reverses Colonic Visceral Hypersensitivity and Influences Colonic Ion Transport in a Stress-Sensitive Rat Strain. <i>PLoS ONE</i> , 2013, 8, e84718.	1.1	22
463	Microbiota-targeted interventions for mental health. <i>Current Opinion in Psychiatry</i> , 2022, 35, 3-9.	3.1	22
464	Dietary $\alpha$ -lactalbumin alters energy balance, gut microbiota composition and intestinal nutrient transporter expression in high-fat diet-fed mice. <i>British Journal of Nutrition</i> , 2019, 121, 1097-1107.	1.2	21
465	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
466	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
467	Of bowels, brain and behavior: A role for the gut microbiota in psychiatric comorbidities in irritable bowel syndrome. <i>Neurogastroenterology and Motility</i> , 2021, 33, e14095.	1.6	21
468	Global Down-Regulation of Gene Expression in the Brain Using RNA Interference, with Emphasis on Monoamine Transporters and GPCRs: Implications for Target Characterization in Psychiatric and Neurological Disorders. <i>Journal of Receptor and Signal Transduction Research</i> , 2006, 26, 527-547.	1.3	20

#	ARTICLE	IF	CITATIONS
469	The effects of gabapentin in two animal models of co-morbid anxiety and visceral hypersensitivity. <i>European Journal of Pharmacology</i> , 2011, 667, 169-174.	1.7	20
470	Imaging of oxygen gradients in giant umbrella cells: an ex vivo PLIM study. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 309, C501-C509.	2.1	20
471	Stress and the Microbiota-Gut-Brain Axis. <i>Canadian Journal of Psychiatry</i> , 2016, 61, 201-203.	0.9	20
472	The nuclear receptor Trx regulates motor, cognitive and anxiety-related behaviours during adolescence and adulthood. <i>Behavioural Brain Research</i> , 2016, 306, 36-47.	1.2	20
473	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
474	A Survey of tooth morphology teaching methods employed in the United Kingdom and Ireland. <i>European Journal of Dental Education</i> , 2018, 22, e438-e443.	1.0	20
475	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
476	The antimicrobial capacity of embalming solutions: a comparative study. <i>Journal of Applied Microbiology</i> , 2019, 126, 764-770.	1.4	20
477	Investigating the potential of fish oil as a nutraceutical in an animal model of early life stress. <i>Nutritional Neuroscience</i> , 2022, 25, 356-378.	1.5	20
478	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
479	A Sensitive Period of Mice Inhibitory System to Neonatal GABA Enhancement by Vigabatrin is Brain Region Dependent. <i>Neuropsychopharmacology</i> , 2010, 35, 1138-1154.	2.8	19
480	Is there altered sensitivity to ghrelin-receptor ligands in leptin-deficient mice?: importance of satiety state and time of day. <i>Psychopharmacology</i> , 2011, 216, 421-429.	1.5	19
481	GABAB receptor ligands do not modify conditioned fear responses in BALB/c mice. <i>Behavioural Brain Research</i> , 2013, 256, 151-156.	1.2	19
482	SOS save our surgeons: Stress levels reduced by robotic surgery. <i>Gynecological Surgery</i> , 2015, 12, 197-206.	0.9	19
483	Quantitative analysis of mucosal oxygenation using ex vivo imaging of healthy and inflamed mammalian colon tissue. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 141-151.	2.4	19
484	Chronic intrahippocampal interleukin-1 $\beta$ overexpression in adolescence impairs hippocampal neurogenesis but not neurogenesis-associated cognition. <i>Brain, Behavior, and Immunity</i> , 2020, 83, 172-179.	2.0	19
485	Molecular, biochemical and behavioural evidence for a novel oxytocin receptor and serotonin 2C receptor heterocomplex. <i>Neuropharmacology</i> , 2021, 183, 108394.	2.0	19
486	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

#	ARTICLE	IF	CITATIONS
487	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
488	Talking about a microbiome revolution. <i>Nature Microbiology</i> , 2019, 4, 552-553.	5.9	18
489	Bugs, breathing and blood pressure: microbiotaâ€“gutâ€“brain axis signalling in cardiorespiratory control in health and disease. <i>Journal of Physiology</i> , 2020, 598, 4159-4179.	1.3	18
490	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
491	In vitro bidirectional permeability studies identify pharmacokinetic limitations of NKCC1 inhibitor bumetanide. <i>European Journal of Pharmacology</i> , 2016, 770, 117-125.	1.7	17
492	The Brain-Gut Axis Contributes to Neuroprogression in Stress-Related Disorders. <i>Modern Problems of Pharmacopsychiatry</i> , 2017, 31, 152-161.	2.5	17
493	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
494	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
495	Visceral sensitivity modulation by faecal microbiota transplantation: the active role of gut bacteria in pain persistence. <i>Pain</i> , 2022, 163, 861-877.	2.0	17
496	Estrous cycle and ovariectomy-induced changes in visceral pain are microbiota-dependent. <i>IScience</i> , 2021, 24, 102850.	1.9	17
497	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
498	Menstrual Cycle Influences Toll-Like Receptor Responses. <i>NeuroImmunoModulation</i> , 2012, 19, 171-179.	0.9	16
499	Cyclodextrins for Non-Viral Gene and siRNA Delivery. <i>Pharmaceutical Nanotechnology</i> , 2012, 1, 6-14.	0.6	16
500	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
501	Recombinant Incretin-Secreting Microbe Improves Metabolic Dysfunction in High-Fat Diet Fed Rodents. <i>Scientific Reports</i> , 2017, 7, 13523.	1.6	16
502	Microbial regulation of microRNA expression in the brainâ€“gut axis. <i>Current Opinion in Pharmacology</i> , 2019, 48, 120-126.	1.7	16
503	Naturally Derived Polyphenols Protect Against Corticosterone-Induced Changes in Primary Cortical Neurons. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 765-777.	1.0	16
504	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

#	ARTICLE	IF	CITATIONS
505	Early-life oxytocin attenuates the social deficits induced by caesarean-section delivery in the mouse. <i>Neuropsychopharmacology</i> , 2021, 46, 1958-1968.	2.8	16
506	Glutamatergic Agents in the Treatment of Compulsivity and Impulsivity in Child and Adolescent Psychiatry: a Systematic Review of the Literature. <i>Zeitschrift F�r Kinder- Und Jugendpsychiatrie Und Psychotherapie</i> , 2018, 46, 246-263.	0.4	16
507	Progressive ratio responding in an obese mouse model: Effects of fenfluramine. <i>Neuropharmacology</i> , 2010, 59, 619-626.	2.0	15
508	Milk protein hydrolysates activate 5-HT <sub>2C</sub> serotonin receptors: influence of the starting substrate and isolation of bioactive fractions. <i>Food and Function</i> , 2013, 4, 728.	2.1	15
509	Activation but not blockade of GABA <sub>B</sub> receptors during early-life alters anxiety in adulthood in BALB/c mice. <i>Neuropharmacology</i> , 2014, 81, 303-310.	2.0	15
510	Milk protein-derived peptides induce 5-HT <sub>2C</sub> -mediated satiety in vivo. <i>International Dairy Journal</i> , 2014, 38, 55-64.	1.5	15
511	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
512	Visceral Pain and Psychiatric Disorders. <i>Modern Problems of Pharmacopsychiatry</i> , 2015, 30, 103-119.	2.5	15
513	Epistatic and Independent Effects on Schizophrenia-Related Phenotypes Following Co-disruption of the Risk Factors Neuregulin-1 – DISC1. <i>Schizophrenia Bulletin</i> , 2017, 43, 214-225.	2.3	15
514	Elucidation of the neural circuits activated by a GABA <sub>B</sub> receptor positive modulator: Relevance to anxiety. <i>Neuropharmacology</i> , 2018, 136, 129-145.	2.0	15
515	TLX is an intrinsic regulator of the negative effects of IL-1 $\beta$ on proliferating hippocampal neural progenitor cells. <i>FASEB Journal</i> , 2018, 32, 613-624.	0.2	15
516	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
517	Identifying a biological signature of prenatal maternal stress. <i>JCI Insight</i> , 2021, 6, .	2.3	15
518	<i>Lactobacillus rhamnosus</i> GG soluble mediators ameliorate early life stress-induced visceral hypersensitivity and changes in spinal cord gene expression. <i>Neuronal Signaling</i> , 2020, 4, NS20200007.	1.7	15
519	Devil's Claw to Suppress Appetite – Ghrelin Receptor Modulation Potential of a Harpagophytum procumbens Root Extract. <i>PLoS ONE</i> , 2014, 9, e103118.	1.1	15
520	Emerging use of non-viral RNA interference in the brain. <i>Biochemical Society Transactions</i> , 2007, 35, 411-415.	1.6	14
521	The orthosteric GABA <sub>A</sub> receptor ligand T <sub>4</sub> displays distinctly different functional properties at synaptic and extrasynaptic receptors. <i>British Journal of Pharmacology</i> , 2013, 170, 919-932.	2.7	14
522	Bovine serum albumin as the dominant form of dietary protein reduces subcutaneous fat mass, plasma leptin and plasma corticosterone in high fat-fed C57/BL6J mice. <i>British Journal of Nutrition</i> , 2015, 114, 654-662.	1.2	14



#	ARTICLE	IF	CITATIONS
523	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
524	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
525	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
526	The orphan nuclear receptor TLX regulates hippocampal transcriptome changes induced by IL-1 $\beta$ . <i>Brain, Behavior, and Immunity</i> , 2018, 70, 268-279.	2.0	14
527	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
528	Without a bug's life: Germ-free rodents to interrogate microbiota-gut-neuroimmune interactions. <i>Drug Discovery Today: Disease Models</i> , 2018, 28, 79-93.	1.2	14
529	Host genetics, the microbiome & behaviour: a Holobiont perspective. <i>Cell Research</i> , 2021, 31, 832-833.	5.7	14
530	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
531	The role of GABAB receptors in depression and antidepressant-related behavioural responses. <i>Drug Development Research</i> , 2006, 67, 477-494.	1.4	13
532	A mouse model for visualization of GABA <sub>B</sub> receptors. <i>Genesis</i> , 2009, 47, 595-602.	0.8	13
533	Comparison of hippocampal metabotropic glutamate receptor 7 (mGlu7) mRNA levels in two animal models of depression. <i>Neuroscience Letters</i> , 2010, 482, 137-141.	1.0	13
534	Semagacestat, a $\beta$ -secretase inhibitor, activates the growth hormone secretagogue (GHS-R1a) receptor. <i>Journal of Pharmacy and Pharmacology</i> , 2013, 65, 528-538.	1.2	13
535	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
536	Host response: A trigger for neurodegeneration?. <i>Nature Microbiology</i> , 2016, 1, 16129.	5.9	13
537	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
538	Faecal microbiota transplants for depression "Who gives a capsule?. <i>Australian and New Zealand Journal of Psychiatry</i> , 2019, 53, 732-734.	1.3	13
539	GABAB Receptors: Anxiety and Mood Disorders. <i>Current Topics in Behavioral Neurosciences</i> , 2020, , 1.	0.8	13
540	Gut microbiome-mediated modulation of hepatic cytochrome P450 and P-glycoprotein: impact of butyrate and fructo-oligosaccharide-inulin. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 1072-1081.	1.2	13

#	ARTICLE	IF	CITATIONS
541	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
542	siRNA-mediated knockdown of the serotonin transporter in the adult mouse brain. <i>Molecular Psychiatry</i> , 2005, 10, 714-714.	4.1	12
543	Unraveling the Longstanding Scars of Early Neurodevelopmental Stress. <i>Biological Psychiatry</i> , 2013, 74, 788-789.	0.7	12
544	Differential visceral pain sensitivity and colonic morphology in four common laboratory rat strains. <i>Experimental Physiology</i> , 2014, 99, 359-367.	0.9	12
545	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
546	Sex-dependent activity of the spinal excitatory amino acid transporter: Role of estrous cycle. <i>Neuroscience</i> , 2016, 333, 311-319.	1.1	12
547	Regulation of behaviour by the nuclear receptor <scp>TLX</scp>. <i>Genes, Brain and Behavior</i> , 2018, 17, e12357.	1.1	12
548	Strain differences in behaviour and immunity in aged mice: Relevance to Autism. <i>Behavioural Brain Research</i> , 2021, 399, 113020.	1.2	12
549	Depletion of the gut microbiota differentially affects the impact of whey protein on high-fat diet-induced obesity and intestinal permeability. <i>Physiological Reports</i> , 2021, 9, e14867.	0.7	12
550	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
551	Long-term dietary intake from infancy to late adolescence is associated with gut microbiota composition in young adulthood. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 647-656.	2.2	12
552	Powering up microbiome-microglia interactions. <i>Cell Metabolism</i> , 2021, 33, 2097-2099.	7.2	12
553	Chapter 4.4 The glutamatergic system as a potential therapeutic target for the treatment of anxiety disorders. <i>Handbook of Behavioral Neuroscience</i> , 2008, 17, 269-301.	0.7	11
554	The Behavioral Genetics of Serotonin: Relevance to Anxiety and Depression. <i>Handbook of Behavioral Neuroscience</i> , 2010, 21, 749-789.	0.7	11
555	Behavioral satiety sequence in a genetic mouse model of obesity. <i>Behavioural Pharmacology</i> , 2011, 22, 624-632.	0.8	11
556	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
557	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
558	Impaired Skeletal Muscle Kynurenine Metabolism in Patients with Chronic Obstructive Pulmonary Disease. <i>Journal of Clinical Medicine</i> , 2019, 8, 915.	1.0	11



#	ARTICLE	IF	CITATIONS
559	Is the fountain of youth in the gut microbiome?. <i>Journal of Physiology</i> , 2019, 597, 2323-2324.	1.3	11
560	Impaired cognitive function in Crohn's disease: Relationship to disease activity. <i>Brain, Behavior, &amp; Immunity - Health</i> , 2020, 5, 100093.	1.3	11
561	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
562	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
563	The Tail-Suspension Test: A Model for Characterizing Antidepressant Activity in Mice. <i>NeuroMethods</i> , 2009, , 119-137.	0.2	10
564	Elucidating GABAB and GABAB Receptor Functions in Anxiety Using the Stress-Induced Hyperthermia Paradigm: A Review. <i>The Open Pharmacology Journal</i> , 2010, 4, 1-14.	0.4	10
565	Altered stress responses in adults born by Caesarean section. <i>Neurobiology of Stress</i> , 2022, 16, 100425.	1.9	10
566	Role of metabotropic glutamate receptors in CNS disorders. , 2010, , 321-379.		9
567	Blunted 5-HT1A receptor-mediated responses and antidepressant-like behavior in mice lacking the GABAB1a but not GABAB1b subunit isoforms. <i>Psychopharmacology</i> , 2017, 234, 1511-1523.	1.5	9
568	Assessment of Thiel's 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
569	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
570	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
571	Inflammasome Signaling Regulates the Microbial-Neuroimmune Axis and Visceral Pain in Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8336.	1.8	9
572	Modeling Human Anxiety and Depression in Mutant Mice. <i>Contemporary Clinical Neuroscience</i> , 2006, , 237-263.	0.3	8
573	Update on smoking cessation therapies. <i>Advances in Therapy</i> , 2009, 26, 369-382.	1.3	8
574	Hippocampal group III mGlu receptor mRNA levels are not altered in specific mouse models of stress, depression and antidepressant action. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 103, 561-567.	1.3	8
575	Strain differences in stress-induced changes in central CRF1 receptor expression. <i>Neuroscience Letters</i> , 2014, 561, 192-197.	1.0	8
576	11- $\beta$ hydroxysteroid type 1 knockout mice display an antidepressant-like phenotype in the forced swim test. <i>Acta Neuropsychiatrica</i> , 2016, 28, 55-60.	1.0	8

#	ARTICLE	IF	CITATIONS
577	Evaluation of an animation tool developed to supplement dental student study of the cranial nerves. <i>European Journal of Dental Education</i> , 2018, 22, e427-e437.	1.0	8
578	Host Microbiota Regulates Central Nervous System Serotonin Receptor 2C Editing in Rodents. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3953-3960.	1.7	8
579	Pain Bugs: Gut Microbiota and Pain Disorders. <i>Current Opinion in Physiology</i> , 2019, 11, 97-102.	0.9	8
580	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
581	Mapping O <sub>2</sub> concentration in ex-vivo tissue samples on a fast PLIM macro-imager. <i>Scientific Reports</i> , 2020, 10, 19006.	1.6	8
582	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
583	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
584	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
585	Diet and depression: future needs to unlock the potential. <i>Molecular Psychiatry</i> , 2022, 27, 778-780.	4.1	8
586	FMT for psychiatric disorders: Following the brown brick road into the future. <i>Bipolar Disorders</i> , 2021, 23, 651-655.	1.1	8
587	A prospective investigation into the association between the gut microbiome composition and cognitive performance among healthy young adults. <i>Gut Pathogens</i> , 2022, 14, 15.	1.6	8
588	Sex, pain, and the microbiome: The relationship between baseline gut microbiota composition, gender and somatic pain in healthy individuals. <i>Brain, Behavior, and Immunity</i> , 2022, 104, 191-204.	2.0	8
589	RNAi therapeutics for brain cancer: current advancements in RNAi delivery strategies. <i>Molecular BioSystems</i> , 2015, 11, 2635-2657.	2.9	7
590	Stress & the microbiotaâ€“gutâ€“brain axis in visceral pain. <i>Psychoneuroendocrinology</i> , 2015, 61, 8.	1.3	7
591	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
592	The gut microbiome in psychopharmacology and psychiatry. <i>Psychopharmacology</i> , 2019, 236, 1407-1409.	1.5	7
593	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
594	Neurobiological effects of phospholipids in vitro: Relevance to stress-related disorders. <i>Neurobiology of Stress</i> , 2020, 13, 100252.	1.9	7

#	ARTICLE	IF	CITATIONS
595	Structural and functional MRI of altered brain development in a novel adolescent rat model of quinpirole-induced compulsive checking behavior. <i>European Neuropsychopharmacology</i> , 2020, 33, 58-70.	0.3	7
596	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
597	Wrapping Things Up: Recent Developments in Understanding the Role of the Microbiome in Regulating Myelination. <i>Current Opinion in Physiology</i> , 2021, 23, 100468.	0.9	7
598	Diet Prevents Social Stress-Induced Maladaptive Neurobehavioural and Gut Microbiota Changes in a Histamine-Dependent Manner. <i>International Journal of Molecular Sciences</i> , 2022, 23, 862.	1.8	7
599	Metabolomic Workflow for the Accurate and High-Throughput Exploration of the Pathways of Tryptophan, Tyrosine, Phenylalanine, and Branched-Chain Amino Acids in Human Biofluids. <i>Journal of Proteome Research</i> , 2022, 21, 1262-1275.	1.8	7
600	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
601	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
602	Distinct post-sepsis induced neurochemical alterations in two mouse strains. <i>Brain, Behavior, and Immunity</i> , 2022, 104, 39-53.	2.0	7
603	Developing More Efficacious Antidepressant Medications: Improving and Aligning Preclinical and Clinical Assessment Tools. , 2008, , 165-197.		6
604	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
605	Determination of a suitable low-dose abdominopelvic <sup>CT</sup> 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
606	Evaluation of Neuroanatomy Web Resources for Undergraduate Education: Educators' and Students' Perspectives. <i>Anatomical Sciences Education</i> , 2020, 13, 237-249.	2.5	6
607	Behavioural characterization of ghrelin ligands, anamorelin and HM01: Appetite and reward-motivated effects in rodents. <i>Neuropharmacology</i> , 2020, 168, 108011.	2.0	6
608	Revisiting the behavioral genetics of serotonin: relevance to anxiety and depression. <i>Handbook of Behavioral Neuroscience</i> , 2020, , 665-709.	0.7	6
609	Targeting the GABAB Receptor for the Treatment of Depression and Anxiety Disorders. , 2016, , 219-250.		6
610	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
611	Debugging the gut-brain axis in depression. <i>Cell Host and Microbe</i> , 2022, 30, 281-283.	5.1	6
612	25 Early-Life Dysbiosis Leads to Visceral Hypersensitivity in Adulthood. <i>Gastroenterology</i> , 2010, 138, S-4-S-5.	0.6	5

#	ARTICLE	IF	CITATIONS
613	Long-lasting glutamatergic modulation induced by neonatal GABA enhancement in mice. <i>Neuropharmacology</i> , 2014, 79, 616-625.	2.0	5
614	Chronic P-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
615	Assessing radiological images of human cadavers: Is there an effect of different embalming solutions?. <i>Journal of Forensic Radiology and Imaging</i> , 2017, 11, 40-46.	1.2	5
616	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
617	A Dairy-Derived Ghrelinergic Hydrolysate Modulates Food Intake In Vivo. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2780.	1.8	5
618	Satiating effect of a sodium caseinate hydrolysate and its fate in the upper gastrointestinal tract. <i>Journal of Functional Foods</i> , 2018, 49, 306-313.	1.6	5
619	Decoding the role of the microbiome on amygdala function and social behaviour. <i>Neuropsychopharmacology</i> , 2019, 44, 233-234.	2.8	5
620	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
621	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
622	The contrasting human gut microbiota in early and late life and implications for host health and disease. <i>Nutrition and Healthy Aging</i> , 2021, 6, 157-178.	0.5	5
623	Gut Feelings on Parkinson's and Depression. <i>Cerebrum: the Dana Forum on Brain Science</i> , 2017, 2017, .	0.1	5
624	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
625	T1423 Assessment of Colonic Secretory Function and Faecal Output in Viscerally Hypersensitive Wistar Kyoto Rats. <i>Gastroenterology</i> , 2008, 134, A-552-A-553.	0.6	4
626	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
627	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
628	Molecular biomarkers in depression: Toward personalized psychiatric treatment. , 2020, , 319-338.		4
629	Common Pathways in Depression and Obesity: The Role of Gut Microbiome and Diets. <i>Current Behavioral Neuroscience Reports</i> , 2020, 7, 15-21.	0.6	4
630	High and Mighty? Cannabinoids and the microbiome in pain. <i>Neurobiology of Pain (Cambridge, Mass)</i> , 2021, 9, 100061.	1.0	4

#	ARTICLE	IF	CITATIONS
631	Depression: From Psychopathology to Pharmacotherapy. <i>Modern Problems of Pharmacopsychiatry</i> , 2010, , .	2.5	4
632	Dealing with ability of the microbiota to influence the brain, and ultimately cognition and behavioral. <i>Advances in Experimental Medicine and Biology</i> , 2014, 817, ix-xi.	0.8	4
633	Gut microbiota-drug interactions in cancer pharmacotherapies: implications for efficacy and adverse effects. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2022, 18, 5-26.	1.5	4
634	W2037 Assessment of Cortico-Limbic Activation Following Colorectal Distension in the Rat; Influence of Genetics and Early Life Stress. <i>Gastroenterology</i> , 2009, 136, A-778.	0.6	3
635	Animal Models of Depression – Where Are We Going?. <i>Modern Problems of Pharmacopsychiatry</i> , 2010, , 124-138.	2.5	3
636	Probiotics as Curators of a Healthy Gut Microbiota. , 2016, , 61-88.		3
637	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
638	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
639	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
640	22 Differential Expression of CRFR1 and CRFR2 mRNA in the Amygdala of Two Animal Models of Irritable Bowel Syndrome (IBS): Relevance to Visceral Pain Processing. <i>Gastroenterology</i> , 2009, 136, A-2.	0.6	2
641	True grit: the role of neuronal microRNAs as mediators of stress resilience. <i>Current Opinion in Behavioral Sciences</i> , 2017, 14, 9-18.	2.0	2
642	Developing a quantitative method to assess the decomposition of embalmed human cadavers. <i>Forensic Chemistry</i> , 2020, 18, 100235.	1.7	2
643	eNEUROANAT-CF: a Conceptual Instructional Design Framework for Neuroanatomy e-Learning Tools. <i>Medical Science Educator</i> , 2021, 31, 777-785.	0.7	2
644	The Ghrelin Receptor: A Novel Therapeutic Target for Obesity. <i>Receptors</i> , 2014, , 89-122.	0.2	2
645	Neuroanatomy of the spinal pathways: Evaluation of an interactive multimedia e-learning resource. <i>MedEdPublish</i> , 0, 9, 88.	0.3	2
646	Dietary Milk Phospholipids Attenuate Chronic Stress-Induced Changes in Behavior and Endocrine Responses across the Lifespan. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100665.	1.5	2
647	Animal Models for Assessing Impact of C-Section Delivery on Biological Systems. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, , 104555.	2.9	2
648	– Digging in the Dirt – faecal microRNAs as dietary biomarkers of host-microbe interactions. <i>Hepatobiliary Surgery and Nutrition</i> , 2022, 11, 292-294.	0.7	2

#	ARTICLE	IF	CITATIONS
649	Memantine treatment does not affect compulsive behavior or frontostriatal connectivity in an adolescent rat model for quinpirole-induced compulsive checking behavior. <i>Psychopharmacology</i> , 2022, 239, 2457-2470.	1.5	2
650	P.3.d.009 Olanzapine induced weight gain and associated metabolic effects: a possible role for gut microbiota. <i>European Neuropsychopharmacology</i> , 2011, 21, S511.	0.3	1
651	Influence of gut microbiota and manipulation by probiotics and prebiotics on host tissue fat: Potential clinical implications. <i>Lipid Technology</i> , 2012, 24, 227-229.	0.3	1
652	Psychobiotics: The profound influence of the stomach over the mind. <i>New Scientist</i> , 2014, 221, 28-29.	0.0	1
653	Germ-Free Animals. , 2016, , 109-140.		1
654	When pharmacology meets the microbiome: new targets for therapeutics?. <i>British Journal of Pharmacology</i> , 2018, 175, 4401-4403.	2.7	1
655	P.2.07 Differential effects of psychotropic drugs on microbiome composition. <i>European Neuropsychopharmacology</i> , 2019, 29, S659-S660.	0.3	1
656	The Microbiome-Gut-Brain Axis: A New Window to View the Impact of Prenatal Stress on Early Neurodevelopment. , 2021, , 165-191.		1
657	The effect of exercise interventions on inflammatory markers in major depressive disorder: protocol for a systematic review and meta-analysis. <i>HRB Open Research</i> , 0, 4, 42.	0.3	1
658	Membrane molecules for mood. <i>Trends in Neurosciences</i> , 2021, 44, 602-604.	4.2	1
659	Influence of pro-obesogenic dietary habits on stress-induced cognitive alterations in healthy adult volunteers. <i>Neurobiology of Stress</i> , 2021, 15, 100353.	1.9	1
660	Microbiomeâ€“Gutâ€“Brain Axis. , 2013, , 1-14.		1
661	Gutâ€“neuroimmune interactions: the unexpected role of the immune system in brain development. <i>Biochemist</i> , 2019, 41, 36-41.	0.2	1
662	Characterizing the Gut Microbiome: Role in Brainâ€“Gut Function. , 2013, , 265-288.		1
663	Brainâ€“Gutâ€“Microbiota Axis in Mood and Cognition. , 2019, , 463-484.		1
664	DEVELOPMENT OF AN ONLINE TOOTH MORPHOLOGY 3D QUIZ TO ENHANCE DENTAL STUDENT LEARNING. <i>INTED Proceedings</i> , 2017, , .	0.0	1
665	Royal Academy of Medicine in Ireland Section of Biomedical Sciences. <i>Irish Journal of Medical Science</i> , 1997, 166, 157-194.	0.8	0
666	P.2.b.015 The infralimbic cortex modulates stress-induced coping behaviour - implications for depression. <i>European Neuropsychopharmacology</i> , 2006, 16, S309-S310.	0.3	0

#	ARTICLE	IF	CITATIONS
667	P.2.10 Aberrant cytokine response to stress in BALB/c mice after lipopolysaccharide (LPS) challenge: relevance of tryptophan hydroxylase 2. <i>European Neuropsychopharmacology</i> , 2008, 18, s44-s45.	0.3	0
668	P.2.08 The effects of genetics and early life stress on anxiety-induced activation of the prefrontal cortex in adulthood. <i>European Neuropsychopharmacology</i> , 2009, 19, S39-S40.	0.3	0
669	P.2.16 Altered expression of hippocampal mGLUR7 mRNA in a model of depression. <i>European Neuropsychopharmacology</i> , 2009, 19, S46-S47.	0.3	0
670	P.2.21 Mice are resistant to early-life stress-induced alterations in adult behaviour. <i>European Neuropsychopharmacology</i> , 2009, 19, S50-S51.	0.3	0
671	P.2.025 Neural circuitry underlying GABA-B receptor positive modulator-induced effects on anxiety behaviour in the mouse. <i>European Neuropsychopharmacology</i> , 2010, 20, S49.	0.3	0
672	P.2.b.024 Lithium preferentially increases neurogenesis in the ventral but not dorsal hippocampus of stressed BALB/c mice. <i>European Neuropsychopharmacology</i> , 2010, 20, S366-S367.	0.3	0
673	Plasma From Patients With Irritable Bowel Syndrome Excites Rat Submucosal Neurons via IL-6 and CRF1 Receptor Dependent Mechanisms. <i>Gastroenterology</i> , 2011, 140, S-835.	0.6	0
674	Stimulation of T-Cells in Irritable Bowel Syndrome (IBS) Mucosal Biopsy Tissue Releases Cytokines Which Selectively Activate Submucosal Neurons. <i>Gastroenterology</i> , 2011, 140, S-129.	0.6	0
675	S.24.02 Genetic variation driving fear and anxiety. <i>European Neuropsychopharmacology</i> , 2011, 21, S224.	0.3	0
676	Reply to McLean et al. and Burnet: The microbiome-gut-brain axis as a pathway toward next generation psychotropics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E176-E176.	3.3	0
677	P.4.016 GABA-B1 receptor subunit isoforms differentially mediate susceptibility to depression-related behaviour following early-life stress. <i>European Neuropsychopharmacology</i> , 2012, 22, S96-S97.	0.3	0
678	Effects of the Intestinal Microbiota on Behavior and Brain Biochemistry. <i>World Review of Nutrition and Dietetics</i> , 2013, , 56-63.	0.1	0
679	P.2.032 Nanoparticles as disease-modifying mediators for brain therapy: focus on Huntington's disease. <i>European Neuropsychopharmacology</i> , 2013, 23, S52-S53.	0.3	0
680	A PROSPECTIVE STUDY OF COGNITIVE PERFORMANCE IN IRRITABLE BOWEL SYNDROME: VISUOSPATIAL MEMORY DEFICITS AS A STABLE FEATURE. <i>Gut</i> , 2013, 62, A16.2-A16.	6.1	0
681	C.13 - THE GLUTAMATE TRANSPORTER ACTIVATOR RILUZOLE ATTENUATES COCAINE-INDUCED HYPERLOCOMOTION IN JUVENILE BUT NOT ADULT MICE. <i>Behavioural Pharmacology</i> , 2013, 24, e33-e34.	0.8	0
682	S.7.4 - FROM MICRORNAS TO MICROBES. <i>Behavioural Pharmacology</i> , 2013, 24, e9.	0.8	0
683	Found in translation? Commentary on a <sc>BJP</sc> themed issue about animal models in neuropsychiatry research. <i>British Journal of Pharmacology</i> , 2014, 171, 4521-4523.	2.7	0
684	P.1.h.034 Epigenetic reversal of early-life stress-induced visceral hypersensitivity and anxiety behaviour. <i>European Neuropsychopharmacology</i> , 2014, 24, S289.	0.3	0



#	ARTICLE	IF	CITATIONS
685	P.1.c.004 The microbiotaâ€“gutâ€“brain axis regulates adult hippocampal neurogenesis. <i>European Neuropsychopharmacology</i> , 2014, 24, S183.	0.3	0
686	Effects of Mode of Delivery and Maternal Irritable Bowel Syndrome on Childhood Autism Spectrum Disorder and Attention Deficit Hyperactivity Disorder in a British Cohort.. <i>International Journal of Epidemiology</i> , 2015, 44, i1-i2.	0.9	0
687	Preface. <i>International Review of Neurobiology</i> , 2016, 131, xv-xxiii.	0.9	0
688	P.4.015 Hippocampal overexpression of interleukin-1 $\beta$ induces neurogenesis-associated cognitive deficits in adult male rats. <i>European Neuropsychopharmacology</i> , 2016, 26, S98.	0.3	0
689	210. Microbiome & the Brain in Mental Illness: Moving Towards Mechanisms & Medicines. <i>Biological Psychiatry</i> , 2018, 83, S84-S85.	0.7	0
690	75Informal 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
691	GABAB receptors, depression, and stress resilience. , 2020, , 63-79.		0
692	P.606 Exercising to control signs and symptoms of stress and depression via the kynurenine pathway. <i>European Neuropsychopharmacology</i> , 2020, 40, S345-S346.	0.3	0
693	P.233 A psychobiotic diet decreases stress and depressive mood in healthy volunteers. <i>European Neuropsychopharmacology</i> , 2020, 40, S132.	0.3	0
694	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
695	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
696	Dairy alters the microbiome, are we but skimming the surface?. <i>EBioMedicine</i> , 2021, 68, 103417.	2.7	0
697	Microbiome-Gut-Brain Interactions in Neurodevelopmental Disorders: Focus on Autism and Schizophrenia. , 2021, , 258-291.		0
698	Phenotyping of Behavioral Characteristics. , 2014, , 1-6.		0
699	A PIPELINE TO CREATE EDUCATIONAL ANIMATIONS FOR THIRD LEVEL EDUCATION. <i>INTED Proceedings</i> , 2017, , .	0.0	0
700	Impaired skeletal muscle kynurenine metabolism in patients with COPD. , 2018, , .		0
701	Exercising control over signs and symptoms of stress and depression. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
702	P45â€“...Exercising to control signs and symptoms of stress and depression. , 2020, , .		0



#	ARTICLE	IF	CITATIONS
703	Food-gut microbiota interactions. , 2022, , 233-256.		0
704	The effect of exercise interventions on inflammatory markers in major depressive disorder: protocol for a systematic review and meta-analysis. HRB Open Research, 0, 4, 42.	0.3	0
705	The effect of exercise interventions on inflammatory markers in major depressive disorder: protocol for a systematic review and meta-analysis. HRB Open Research, 0, 4, 42.	0.3	0
706	Ghrelin rapidly elevates protein synthesis in vitro by employing the rpS6K-eEF2K-eEF2 signalling axis. Cellular and Molecular Life Sciences, 2022, 79, .	2.4	0