

# John F Cryan

## List of Publications by Year in descending order

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Version: 2024-02-01

294  
papers

37,479  
citations

6592

79  
h-index

3563

181  
g-index

298  
all docs

298  
docs citations

298  
times ranked

32370  
citing authors

#	ARTICLE	IF	CITATIONS
1	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	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
5	Microbiota and neurodevelopmental windows: implications for brain disorders. <i>Trends in Molecular Medicine</i> , 2014, 20, 509-518.	3.5	852
6	Minireview: Gut Microbiota: The Neglected Endocrine Organ. <i>Molecular Endocrinology</i> , 2014, 28, 1221-1238.	3.7	835
7	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
8	Gut Microbes and the Brain: Paradigm Shift in Neuroscience. <i>Journal of Neuroscience</i> , 2014, 34, 15490-15496.	1.7	719
9	Using the rat forced swim test to assess antidepressant-like activity in rodents. <i>Nature Protocols</i> , 2012, 7, 1009-1014.	5.5	706
10	Psychobiotics and the Manipulation of Bacteriaâ€“Gutâ€“Brain Signals. <i>Trends in Neurosciences</i> , 2016, 39, 763-781.	4.2	691
11	The Microbiome-Gut-Brain Axis in Health and Disease. <i>Gastroenterology Clinics of North America</i> , 2017, 46, 77-89.	1.0	678
12	The gut microbiome in neurological disorders. <i>Lancet Neurology</i> , The, 2020, 19, 179-194.	4.9	669
13	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
14	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
15	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
16	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
17	Short-chain fatty acids: microbial metabolites that alleviate stress-induced brainâ€“gut axis alterations. <i>Journal of Physiology</i> , 2018, 596, 4923-4944.	1.3	460
18	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

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19	Collective unconscious: How gut microbes shape human behavior. <i>Journal of Psychiatric Research</i> , 2015, 63, 1-9.	1.5	410
20	The microbiota-gut-brain axis in obesity. <i>The Lancet Gastroenterology and Hepatology</i> , 2017, 2, 747-756.	3.7	408
21	The microbiome: A key regulator of stress and neuroinflammation. <i>Neurobiology of Stress</i> , 2016, 4, 23-33.	1.9	399
22	Getting the Hologenome Concept Right: an Eco-Evolutionary Framework for Hosts and Their Microbiomes. <i>MSystems</i> , 2016, 1, .	1.7	388
23	Gut microbiota, obesity and diabetes. <i>Postgraduate Medical Journal</i> , 2016, 92, 286-300.	0.9	377
24	Adult Hippocampal Neurogenesis Is Regulated by the Microbiome. <i>Biological Psychiatry</i> , 2015, 78, e7-e9.	0.7	363
25	The microbiome: stress, health and disease. <i>Mammalian Genome</i> , 2014, 25, 49-74.	1.0	361
26	The Microbiota-Gut-Brain Axis: From Motility to Mood. <i>Gastroenterology</i> , 2021, 160, 1486-1501.	0.6	356
27	Feeding the microbiota-gut-brain axis: diet, microbiome, and neuropsychiatry. <i>Translational Research</i> , 2017, 179, 223-244.	2.2	351
28	Gut Microbe to Brain Signaling: What Happens in Vagus? <i>Neuron</i> , 2019, 101, 998-1002.	3.8	327
29	The Trier Social Stress Test: Principles and practice. <i>Neurobiology of Stress</i> , 2017, 6, 113-126.	1.9	294
30	Stress resilience during the coronavirus pandemic. <i>European Neuropsychopharmacology</i> , 2020, 35, 12-16.	0.3	285
31	Microbiota-Gut-Brain Axis: Modulator of Host Metabolism and Appetite. <i>Journal of Nutrition</i> , 2017, 147, 727-745.	1.3	280
32	Animal models of mood disorders: recent developments. <i>Current Opinion in Psychiatry</i> , 2007, 20, 1-7.	3.1	278
33	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
34	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
35	Brain-gut-microbiota axis mood, metabolism and behaviour. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017, 14, 69-70.	8.2	252
36	Irritable bowel syndrome: A microbiome-gut-brain axis disorder?. <i>World Journal of Gastroenterology</i> , 2014, 20, 14105.	1.4	249

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37	Bacterial Neuroactive Compounds Produced by Psychobiotics. <i>Advances in Experimental Medicine and Biology</i> , 2014, 817, 221-239.	0.8	245
38	Microbiota-Gut-Brain Axis: New Therapeutic Opportunities. <i>Annual Review of Pharmacology and Toxicology</i> , 2020, 60, 477-502.	4.2	227
39	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
40	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
41	The Neuroendocrinology of the Microbiota-Gut-Brain Axis: A Behavioural Perspective. <i>Frontiers in Neuroendocrinology</i> , 2018, 51, 80-101.	2.5	218
42	Gut Reactions: Breaking Down Xenobioticâ€™Microbiome Interactions. <i>Pharmacological Reviews</i> , 2019, 71, 198-224.	7.1	211
43	Microbes & neurodevelopment â€™ Absence of microbiota during early life increases activity-related transcriptional pathways in the amygdala. <i>Brain, Behavior, and Immunity</i> , 2015, 50, 209-220.	2.0	210
44	Microbiota Regulation of the Mammalian Gutâ€™Brain Axis. <i>Advances in Applied Microbiology</i> , 2015, 91, 1-62.	1.3	207
45	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
46	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
47	Chrelin signalling and obesity: At the interface of stress, mood and food reward. , 2012, 135, 316-326.		194
48	Nutritional psychiatry: Towards improving mental health by what you eat. <i>European Neuropsychopharmacology</i> , 2019, 29, 1321-1332.	0.3	191
49	The future of rodent models in depression research. <i>Nature Reviews Neuroscience</i> , 2019, 20, 686-701.	4.9	178
50	Role of adult hippocampal neurogenesis in stress resilience. <i>Neurobiology of Stress</i> , 2015, 1, 147-155.	1.9	165
51	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
52	Gut Microbiota: The Conductor in the Orchestra of Immuneâ€™Neuroendocrine Communication. <i>Clinical Therapeutics</i> , 2015, 37, 954-967.	1.1	163
53	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
54	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

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55	Brain-gut-microbiota axis: challenges for translation in psychiatry. <i>Annals of Epidemiology</i> , 2016, 26, 366-372.	0.9	157
56	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
57	The Microbiome in Psychology and Cognitive Neuroscience. <i>Trends in Cognitive Sciences</i> , 2018, 22, 611-636.	4.0	148
58	Programming Bugs: Microbiota and the Developmental Origins of Brain Health and Disease. <i>Biological Psychiatry</i> , 2019, 85, 150-163.	0.7	146
59	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
60	Microbe-host interactions: Influence of the gut microbiota on the enteric nervous system. <i>Developmental Biology</i> , 2016, 417, 182-187.	0.9	129
61	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
62	Immune modulation of the brain-gut-microbe axis. <i>Frontiers in Microbiology</i> , 2014, 5, 146.	1.5	125
63	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
64	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
65	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
66	Short chain fatty acids: Microbial metabolites for gut-brain axis signalling. <i>Molecular and Cellular Endocrinology</i> , 2022, 546, 111572.	1.6	117
67	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
68	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
69	Evaluation of reward processes in an animal model of depression. <i>Psychopharmacology</i> , 2007, 190, 555-568.	1.5	108
70	Association Between Obstetric Mode of Delivery and Autism Spectrum Disorder. <i>JAMA Psychiatry</i> , 2015, 72, 935.	6.0	108
71	Human preservation techniques in anatomy: A 21st century medical education perspective. <i>Clinical Anatomy</i> , 2015, 28, 725-734.	1.5	107
72	More than a Gut Feeling: the Microbiota Regulates Neurodevelopment and Behavior. <i>Neuropsychopharmacology</i> , 2015, 40, 241-242.	2.8	106

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73	Annual Research Review: Critical windows of the microbiota-gut-brain axis in neurocognitive development. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2020, 61, 353-371.	3.1	103
74	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
75	When Rhythms Meet the Blues: Circadian Interactions with the Microbiota-Gut-Brain Axis. <i>Cell Metabolism</i> , 2020, 31, 448-471.	7.2	101
76	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
77	Molecular biomarkers of depression. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 64, 101-133.	2.9	97
78	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
79	Short-chain fatty acids and microbiota metabolites attenuate ghrelin receptor signaling. <i>FASEB Journal</i> , 2019, 33, 13546-13559.	0.2	93
80	Born this way: Hippocampal neurogenesis across the lifespan. <i>Aging Cell</i> , 2019, 18, e13007.	3.0	90
81	Gut Microbiota: A Perspective for Psychiatrists. <i>Neuropsychobiology</i> , 2020, 79, 50-62.	0.9	87
82	The vagus nerve modulates BDNF expression and neurogenesis in the hippocampus. <i>European Neuropsychopharmacology</i> , 2018, 28, 307-316.	0.3	86
83	Microbiota and neuroimmune signalling from Metchnikoff to microglia. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2015, 12, 494-496.	8.2	85
84	GABAB Receptors and Depression: Current Status. <i>Advances in Pharmacology</i> , 2010, 58, 427-451.	1.2	82
85	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
86	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
87	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
88	Faster, better, stronger: Towards new antidepressant therapeutic strategies. <i>European Journal of Pharmacology</i> , 2015, 753, 32-50.	1.7	77
89	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
90	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

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91	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
92	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
93	Intervention strategies for cesarean section-induced alterations in the microbiota-gut-brain axis. <i>Nutrition Reviews</i> , 2017, 75, 225-240.	2.6	73
94	Social interaction-induced activation of RNA splicing in the amygdala of microbiome-deficient mice. <i>ELife</i> , 2018, 7, .	2.8	73
95	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
96	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
97	Toll-Like Receptor 4 Regulates Chronic Stress-Induced Visceral Pain in Mice. <i>Biological Psychiatry</i> , 2014, 76, 340-348.	0.7	66
98	The Microbiota, the Gut and the Brain in Eating and Alcohol Use Disorders: A <i>“Trois”</i> . <i>Alcohol and Alcoholism</i> , 2017, 52, 403-413.	0.9	66
99	Man and the Microbiome: A New Theory of Everything?. <i>Annual Review of Clinical Psychology</i> , 2019, 15, 371-398.	6.3	65
100	Enduring Behavioral Effects Induced by Birth by Caesarean Section in the Mouse. <i>Current Biology</i> , 2020, 30, 3761-3774.e6.	1.8	65
101	Microbiota and sleep: awakening the gut feeling. <i>Trends in Molecular Medicine</i> , 2021, 27, 935-945.	3.5	65
102	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
103	Pharmacotherapy for Neonatal Seizures: Current Knowledge and Future Perspectives. <i>Drugs</i> , 2016, 76, 647-661.	4.9	64
104	<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
105	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
106	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
107	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
108	The gut microbiota as a key regulator of visceral pain. <i>Pain</i> , 2017, 158, S19-S28.	2.0	63

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109	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
110	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
111	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
112	Can we "seize" the gut microbiota to treat epilepsy?. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 107, 750-764.	2.9	60
113	The role of the gut microbiome in the development of schizophrenia. <i>Schizophrenia Research</i> , 2021, 234, 4-23.	1.1	60
114	Microbiota-gut-brain axis as a regulator of reward processes. <i>Journal of Neurochemistry</i> , 2021, 157, 1495-1524.	2.1	60
115	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
116	Investigating causality with fecal microbiota transplantation in rodents: applications, recommendations and pitfalls. <i>Gut Microbes</i> , 2021, 13, 1941711.	4.3	59
117	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
118	Feeding melancholic microbes: MyNewGut recommendations on diet and mood. <i>Clinical Nutrition</i> , 2019, 38, 1995-2001.	2.3	58
119	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
120	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
121	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
122	Volatility as a Concept to Understand the Impact of Stress on the Microbiome. <i>Psychoneuroendocrinology</i> , 2021, 124, 105047.	1.3	54
123	Microbiota-brain interactions: Moving toward mechanisms in model organisms. <i>Neuron</i> , 2021, 109, 3930-3953.	3.8	54
124	Resilience priming: Translational models for understanding resiliency and adaptation to early life adversity. <i>Developmental Psychobiology</i> , 2019, 61, 350-375.	0.9	53
125	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
126	N-3 Polyunsaturated Fatty Acids through the Lifespan: Implication for Psychopathology. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw078.	1.0	51



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127	The Gamma-Aminobutyric Acid B Receptor in Depression and Reward. <i>Biological Psychiatry</i> , 2018, 83, 963-976.	0.7	51
128	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
129	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
130	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
131	Polyphenols selectively reverse early-life stress-induced behavioural, neurochemical and microbiota changes in the rat. <i>Psychoneuroendocrinology</i> , 2020, 116, 104673.	1.3	49
132	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
133	The impact of obstetric mode of delivery on childhood behavior. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2015, 50, 1557-1567.	1.6	47
134	Mood and Microbes. <i>Gastroenterology Clinics of North America</i> , 2019, 48, 389-405.	1.0	47
135	Going with the grain: Fiber, cognition, and the microbiota-gut-brain-axis. <i>Experimental Biology and Medicine</i> , 2021, 246, 796-811.	1.1	47
136	PEGylated cyclodextrins as novel siRNA nanosystems: Correlations between polyethylene glycol length and nanoparticle stability. <i>International Journal of Pharmaceutics</i> , 2014, 473, 105-112.	2.6	45
137	Resilience to chronic stress is associated with specific neurobiological, neuroendocrine and immune responses. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 583-594.	2.0	45
138	What's bugging your teen? The microbiota and adolescent mental health. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 70, 300-312.	2.9	44
139	Microbial regulation of hippocampal miRNA expression: Implications for transcription of kynurenine pathway enzymes. <i>Behavioural Brain Research</i> , 2017, 334, 50-54.	1.2	44
140	Birth by Caesarean Section and the Risk of Adult Psychosis: A Population-Based Cohort Study. <i>Schizophrenia Bulletin</i> , 2016, 42, 633-641.	2.3	43
141	Dietary phospholipids: Role in cognitive processes across the lifespan. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 111, 183-193.	2.9	43
142	Medical student perceptions of radiology use in anatomy teaching. <i>Anatomical Sciences Education</i> , 2015, 8, 510-517.	2.5	41
143	Reframing the Teenage Wasteland: Adolescent Microbiota-Gut-Brain Axis. <i>Canadian Journal of Psychiatry</i> , 2016, 61, 214-221.	0.9	41
144	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

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145	Delivering a disease-modifying treatment for Huntington's disease. <i>Drug Discovery Today</i> , 2015, 20, 50-64.	3.2	39
146	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
147	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
148	The gut microbiome influences the bioavailability of olanzapine in rats. <i>EBioMedicine</i> , 2021, 66, 103307.	2.7	38
149	Manipulation of gut microbiota blunts the ventilatory response to hypercapnia in adult rats. <i>EBioMedicine</i> , 2019, 44, 618-638.	2.7	37
150	A ghrelin receptor and oxytocin receptor heterocomplex impairs oxytocin mediated signalling. <i>Neuropharmacology</i> , 2019, 152, 90-101.	2.0	37
151	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
152	Sex-dependent associations between addiction-related behaviors and the microbiome in outbred rats. <i>EBioMedicine</i> , 2020, 55, 102769.	2.7	36
153	Gut peptides and the microbiome: focus on ghrelin. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2021, 28, 243-252.	1.2	36
154	Metabotropic Glutamate Receptors in Central Nervous System Diseases. <i>Current Drug Targets</i> , 2016, 17, 538-616.	1.0	36
155	Monocyte mobilisation, microbiota & mental illness. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 74-91.	2.0	35
156	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
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