

John Cryan

List of Publications by Year in Descending Order

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

668

papers

56,328

citations

119

h-index

217

g-index

769

ext. papers

68,614

ext. citations

6.6

avg, IF

8.46

L-index

#	Paper	IF	Citations
668	Altered stress responses in adults born by Caesarean section.. <i>Neurobiology of Stress</i> , 2022 , 16, 100425	7.6	2
667	Food-gut microbiota interactions 2022 , 233-256		
666	Animal Models for Assessing Impact of C-Section Delivery on Biological Systems.. <i>Neuroscience and Biobehavioral Reviews</i> , 2022 , 104555	9	0
665	Short chain fatty acids: Microbial metabolites for gut-brain axis signalling.. <i>Molecular and Cellular Endocrinology</i> , 2022 , 546, 111572	4.4	10
664	The immune-kynurenine pathway in social anxiety disorder. <i>Brain, Behavior, and Immunity</i> , 2022 , 99, 317-326	10.6	2
663	Microbiota-targeted interventions for mental health. <i>Current Opinion in Psychiatry</i> , 2022 , 35, 3-9	4.9	4
662	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	16.6	1
661	Neurodegenerative Diseases and the Gut Microbiota 2022 , 339-392		
660	The 4E approach to the human microbiome: Nested interactions between the gut-brain/body system within natural and built environments.. <i>BioEssays</i> , 2022 , e2100249	4.1	1
659	Debugging the gut-brain axis in depression.. <i>Cell Host and Microbe</i> , 2022 , 30, 281-283	23.4	0
658	The blood-brain barrier in aging and neurodegeneration.. <i>Molecular Psychiatry</i> , 2022 ,	15.1	5
657	Inflammation, Lifestyle Factors, and the Microbiome-Gut-Brain Axis: Relevance to Depression and Antidepressant Action.. <i>Clinical Pharmacology and Therapeutics</i> , 2022 ,	6.1	2
656	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	5.5	0
655	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	5.4	0
654	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 , 1	4.7	
653	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	5.7	0
652	MicrobiotaBrain axis: Context and causality. <i>Science</i> , 2022 , 376, 938-939	33.3	5

651	The role of the gut microbiome in the development of schizophrenia. <i>Schizophrenia Research</i> , 2021 , 234, 4-23	3.6	23
650	Microbiota and Body Weight Control: Weight Watchers Within?. <i>Molecular Metabolism</i> , 2021 , 57, 1014278.8		4
649	Diet and depression: future needs to unlock the potential. <i>Molecular Psychiatry</i> , 2021 ,	15.1	3
648	Powering up microbiome-microglia interactions. <i>Cell Metabolism</i> , 2021 , 33, 2097-2099	24.6	4
647	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	5.7	2
646	Dietary milk phospholipids attenuate chronic stress-induced changes in behaviour and endocrine response across the lifespan. <i>Molecular Nutrition and Food Research</i> , 2021 , e2100665	5.9	1
645	The contrasting human gut microbiota in early and late life and implications for host health and disease. <i>Nutrition and Healthy Aging</i> , 2021 , 1-22	1.3	1
644	Microbiota-brain interactions: Moving toward mechanisms in model organisms. <i>Neuron</i> , 2021 ,	13.9	7
643	Specific sub-regions of the longitudinal axis of the hippocampus mediate behavioural responses to chronic psychosocial stress. <i>Neuropharmacology</i> , 2021 , 201, 108843	5.5	1
642	The impact of the prolonged COVID-19 pandemic on stress resilience and mental health: A critical review across waves. <i>European Neuropsychopharmacology</i> , 2021 , 55, 22-83	1.2	22
641	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> , 2021 , 26, 3240-3252	15.1	11
640	Unraveling the Microbial Mechanisms Underlying the Psychobiotic Potential of a Bifidobacterium breve Strain. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2000704	5.9	7
639	Diet and the Microbiota-Gut-Brain Axis: Sowing the Seeds of Good Mental Health. <i>Advances in Nutrition</i> , 2021 , 12, 1239-1285	10	29
638	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	5.8	6
637	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	5.6	12
636	The gut microbiome influences the bioavailability of olanzapine in rats. <i>EBioMedicine</i> , 2021 , 66, 103307	8.8	7
635	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	9	17
634	Maternal antibiotic administration during a critical developmental window has enduring neurobehavioural effects in offspring mice. <i>Behavioural Brain Research</i> , 2021 , 404, 113156	3.4	10

633	The Microbiota-Gut-Brain Axis: From Motility to Mood. <i>Gastroenterology</i> , 2021 , 160, 1486-1501	13.3	69
632	Early-life oxytocin attenuates the social deficits induced by caesarean-section delivery in the mouse. <i>Neuropsychopharmacology</i> , 2021 , 46, 1958-1968	8.7	8
631	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	2.6	3
630	Specific sub-regions along the longitudinal axis of the hippocampus mediate antidepressant-like behavioral effects. <i>Neurobiology of Stress</i> , 2021 , 14, 100331	7.6	4
629	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	10.6	1
628	Host genetics, the microbiome & behaviour-a 'Holobiont' perspective. <i>Cell Research</i> , 2021 , 31, 832-833	24.7	3
627	Acute stress increases monocyte levels and modulates receptor expression in healthy females. <i>Brain, Behavior, and Immunity</i> , 2021 , 94, 463-468	16.6	2
626	Dairy alters the microbiome, are we but skimming the surface?. <i>EBioMedicine</i> , 2021 , 68, 103417	8.8	
625	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	9	23
624	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	5.6	1
623	Diet and depression: exploring the biological mechanisms of action. <i>Molecular Psychiatry</i> , 2021 , 26, 134-150	15.1	66
622	Molecular, biochemical and behavioural evidence for a novel oxytocin receptor and serotonin 2C receptor heterocomplex. <i>Neuropharmacology</i> , 2021 , 183, 108394	5.5	7
621	Dietary vitamin A supplementation prevents early obesogenic diet-induced microbiota, neuronal and cognitive alterations. <i>International Journal of Obesity</i> , 2021 , 45, 588-598	5.5	7
620	Volatility as a Concept to Understand the Impact of Stress on the Microbiome. <i>Psychoneuroendocrinology</i> , 2021 , 124, 105047	5	18
619	A biological framework for emotional dysregulation in alcohol misuse: from gut to brain. <i>Molecular Psychiatry</i> , 2021 , 26, 1098-1118	15.1	16
618	<i>Bifidobacterium longum</i> counters the effects of obesity: Partial successful translation from rodent to human. <i>EBioMedicine</i> , 2021 , 63, 103176	8.8	19
617	Improvements in sleep indices during exam stress due to consumption of a. <i>Brain, Behavior, & Immunity - Health</i> , 2021 , 10, 100174	5.1	4
616	Strain differences in behaviour and immunity in aged mice: Relevance to Autism. <i>Behavioural Brain Research</i> , 2021 , 399, 113020	3.4	5

615	A specific dietary fibre supplementation improves cognitive performance-an exploratory randomised, placebo-controlled, crossover study. <i>Psychopharmacology</i> , 2021 , 238, 149-163	4.7	13
614	The Microbiome-Gut-Brain Axis: A New Window to View the Impact of Prenatal Stress on Early Neurodevelopment 2021 , 165-191		
613	Investigating causality with fecal microbiota transplantation in rodents: applications, recommendations and pitfalls. <i>Gut Microbes</i> , 2021 , 13, 1941711	8.8	12
612	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	8.8	7
611	DNA Methylation Profiles of and in Gut and Brain of -Treated. <i>Biomolecules</i> , 2021 , 11,	5.9	7
610	eNEUROANAT-CF: a Conceptual Instructional Design Framework for Neuroanatomy e-Learning Tools. <i>Medical Science Educator</i> , 2021 , 31, 777-785	0.7	0
609	Identifying a biological signature of prenatal maternal stress. <i>JCI Insight</i> , 2021 , 6,	9.9	8
608	High and Mighty? Cannabinoids and the microbiome in pain. <i>Neurobiology of Pain (Cambridge, Mass)</i> , 2021 , 9, 100061	4	2
607	Priming for Life: Early Life Nutrition and the Microbiota-Gut-Brain Axis. <i>Nutrients</i> , 2021 , 13,	6.7	22
606	Microbiota-gut-brain axis as a regulator of reward processes. <i>Journal of Neurochemistry</i> , 2021 , 157, 149561524	17	
605	Microbial memories: Sex-dependent impact of the gut microbiome on hippocampal plasticity. <i>European Journal of Neuroscience</i> , 2021 , 54, 5235-5244	3.5	14
604	Going with the grain: Fiber, cognition, and the microbiota-gut-brain-axis. <i>Experimental Biology and Medicine</i> , 2021 , 246, 796-811	3.7	10
603	Gut peptides and the microbiome: focus on ghrelin. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2021 , 28, 243-252	4	12
602	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	4	6
601	Inflammasome Signaling Regulates the Microbial-Neuroimmune Axis and Visceral Pain in Mice. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
600	Estrous cycle and ovariectomy-induced changes in visceral pain are microbiota-dependent. <i>IScience</i> , 2021 , 24, 102850	6.1	6
599	Microbiota from young mice counteracts selective age-associated behavioral deficits. <i>Nature Aging</i> , 2021 , 1, 666-676		36
598	Membrane molecules for mood. <i>Trends in Neurosciences</i> , 2021 , 44, 602-604	13.3	0

597	Microbiome-Gut-Brain Interactions in Neurodevelopmental Disorders: Focus on Autism and Schizophrenia 2021 , 258-291		
596	Associations between Mental Health, Alcohol Consumption and Drinking Motives during COVID-19'Second Lockdown in Ireland. <i>Alcohol and Alcoholism</i> , 2021 ,	3.5	2
595	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	1.2	3
594	Microbiota and sleep: awakening the gut feeling. <i>Trends in Molecular Medicine</i> , 2021 , 27, 935-945	11.5	9
593	Wrapping Things Up: Recent Developments in Understanding the Role of the Microbiome in Regulating Myelination. <i>Current Opinion in Physiology</i> , 2021 , 23, 100468	2.6	1
592	Microbially-derived short-chain fatty acids impact astrocyte gene expression in a sex-specific manner. <i>Brain, Behavior, & Immunity - Health</i> , 2021 , 16, 100318	5.1	5
591	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	16.6	5
590	Influence of pro-obesogenic dietary habits on stress-induced cognitive alterations in healthy adult volunteers. <i>Neurobiology of Stress</i> , 2021 , 15, 100353	7.6	1
589	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	7.5	1
588	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	7	5
587	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> , 2021 ,	3.5	1
586	Enduring Behavioral Effects Induced by Birth by Caesarean Section in the Mouse. <i>Current Biology</i> , 2020 , 30, 3761-3774.e6	6.3	36
585	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	16.6	23
584	Stress resilience during the coronavirus pandemic. <i>European Neuropsychopharmacology</i> , 2020 , 35, 12-16	1.2	161
583	Recipe for a Healthy Gut: Intake of Unpasteurised Milk Is Associated with Increased Abundance in the Human Gut Microbiome. <i>Nutrients</i> , 2020 , 12,	6.7	19
582	Gut-brain axis serotonergic responses to acute stress exposure are microbiome-dependent. <i>Neurogastroenterology and Motility</i> , 2020 , 32, e13881	4	16
581	Probiotics and the Microbiota-Gut-Brain Axis: Focus on Psychiatry. <i>Current Nutrition Reports</i> , 2020 , 9, 171-182	6	48
580	Impact of host and environmental factors on βglucuronidase enzymatic activity: implications for gastrointestinal serotonin. <i>American Journal of Physiology - Renal Physiology</i> , 2020 , 318, G816-G826	5.1	11

579	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	1.2	4
578	Towards a psychobiotic therapy for depression: CCFM1025 reverses chronic stress-induced depressive symptoms and gut microbial abnormalities in mice. <i>Neurobiology of Stress</i> , 2020 , 12, 100216	7.6	69
577	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	3.3	
576	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	16.6	14
575	Behavioural characterization of ghrelin ligands, anamorelin and HM01: Appetite and reward-motivated effects in rodents. <i>Neuropharmacology</i> , 2020 , 168, 108011	5.5	5
574	When Rhythms Meet the Blues: Circadian Interactions with the Microbiota-Gut-Brain Axis. <i>Cell Metabolism</i> , 2020 , 31, 448-471	24.6	49
573	Resveratrol and metabolic health in COPD: A proof-of-concept randomized controlled trial. <i>Clinical Nutrition</i> , 2020 , 39, 2989-2997	5.9	5
572	Revisiting the behavioral genetics of serotonin: relevance to anxiety and depression. <i>Handbook of Behavioral Neuroscience</i> , 2020 , 665-709	0.7	4
571	Gut microbiota: a missing link in psychiatry. <i>World Psychiatry</i> , 2020 , 19, 111-112	14.4	13
570	Polyphenols selectively reverse early-life stress-induced behavioural, neurochemical and microbiota changes in the rat. <i>Psychoneuroendocrinology</i> , 2020 , 116, 104673	5	27
569	Developing a quantitative method to assess the decomposition of embalmed human cadavers. <i>Forensic Chemistry</i> , 2020 , 18, 100235	2.8	1
568	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	4.8	8
567	Exercising control over signs and symptoms of stress and depression. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
566	GG soluble mediators ameliorate early life stress-induced visceral hypersensitivity and changes in spinal cord gene expression. <i>Neuronal Signaling</i> , 2020 , 4, NS20200007	3.7	4
565	GABAB receptors, depression, and stress resilience: a tale of two isoforms 2020 , 63-79		
564	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	3.5	11
563	Molecular biomarkers in depression: Toward personalized psychiatric treatment 2020 , 319-338		1
562	Dietary phospholipids: Role in cognitive processes across the lifespan. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 111, 183-193	9	21

561	Common Pathways in Depression and Obesity: The Role of Gut Microbiome and Diets. <i>Current Behavioral Neuroscience Reports</i> , 2020 , 7, 15-21	1.7	3
560	Gutted! Unraveling the Role of the Microbiome in Major Depressive Disorder. <i>Harvard Review of Psychiatry</i> , 2020 , 28, 26-39	4.1	56
559	Gut Microbiota: A Perspective for Psychiatrists. <i>Neuropsychobiology</i> , 2020 , 79, 50-62	4	52
558	The gut microbiome in neurological disorders. <i>Lancet Neurology, The</i> , 2020 , 19, 179-194	24.1	265
557	Annual Research Review: Critical windows - the microbiota-gut-brain axis in neurocognitive development. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2020 , 61, 353-371	7.9	46
556	The role of the microbiota in acute stress-induced myeloid immune cell trafficking. <i>Brain, Behavior, and Immunity</i> , 2020 , 84, 209-217	16.6	14
555	You've got male: Sex and the microbiota-gut-brain axis across the lifespan. <i>Frontiers in Neuroendocrinology</i> , 2020 , 56, 100815	8.9	66
554	Sex-dependent associations between addiction-related behaviors and the microbiome in outbred rats. <i>EBioMedicine</i> , 2020 , 55, 102769	8.8	11
553	Impaired cognitive function in Crohn's disease: Relationship to disease activity. <i>Brain, Behavior, & Immunity - Health</i> , 2020 , 5, 100093	5.1	2
552	Bugs, breathing and blood pressure: microbiota-gut-brain axis signalling in cardiorespiratory control in health and disease. <i>Journal of Physiology</i> , 2020 , 598, 4159-4179	3.9	10
551	P.606 Exercising to control signs and symptoms of stress and depression via the kynurenine pathway. <i>European Neuropsychopharmacology</i> , 2020 , 40, S345-S346	1.2	
550	Gut microbiota modulates expression of genes involved in the astrocyte-neuron lactate shuttle in the hippocampus. <i>European Neuropsychopharmacology</i> , 2020 , 41, 152-159	1.2	6
549	P.233 A psychobiotic diet decreases stress and depressive mood in healthy volunteers. <i>European Neuropsychopharmacology</i> , 2020 , 40, S132	1.2	
548	Enduring neurobehavioral effects induced by microbiota depletion during the adolescent period. <i>Translational Psychiatry</i> , 2020 , 10, 382	8.6	15
547	Investigating the potential of fish oil as a nutraceutical in an animal model of early life stress. <i>Nutritional Neuroscience</i> , 2020 , 1-23	3.6	9
546	Enduring effects of an unhealthy diet during adolescence on systemic but not neurobehavioural measures in adult rats. <i>Nutritional Neuroscience</i> , 2020 , 1-13	3.6	1
545	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	2.6	5
544	Neurobiological effects of phospholipids : Relevance to stress-related disorders. <i>Neurobiology of Stress</i> , 2020 , 13, 100252	7.6	2

543	Prebiotics, probiotics, fermented foods and cognitive outcomes: A meta-analysis of randomized controlled trials. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 118, 472-484	9	21
542	GABA Receptors: Anxiety and Mood Disorders. <i>Current Topics in Behavioral Neurosciences</i> , 2020 , 1	3.4	4
541	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	8.8	7
540	Mapping O concentration in ex-vivo tissue samples on a fast PLIM macro-imager. <i>Scientific Reports</i> , 2020 , 10, 19006	4.9	1
539	Efficacy and safety of fecal microbiota transplantation for the treatment of diseases other than infection: a systematic review and meta-analysis. <i>Gut Microbes</i> , 2020 , 12, 1-25	8.8	23
538	Evaluation of Neuroanatomy Web Resources for Undergraduate Education: Educators' and Students' Perspectives. <i>Anatomical Sciences Education</i> , 2020 , 13, 237-249	6.8	3
537	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	15.1	52
536	Depression's Unholy Trinity: Dysregulated Stress, Immunity, and the Microbiome. <i>Annual Review of Psychology</i> , 2020 , 71, 49-78	26.1	76
535	Chronic intrahippocampal interleukin-1 β overexpression in adolescence impairs hippocampal neurogenesis but not neurogenesis-associated cognition. <i>Brain, Behavior, and Immunity</i> , 2020 , 83, 172-179	16.6	11
534	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	2.1	19
533	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. <i>European Journal of Neuroscience</i> , 2020 , 51, 1042-1058	3.5	30
532	Microbiota-Gut-Brain Axis: New Therapeutic Opportunities. <i>Annual Review of Pharmacology and Toxicology</i> , 2020 , 60, 477-502	17.9	112
531	The Microbiota-Gut-Brain Axis. <i>Physiological Reviews</i> , 2019 , 99, 1877-2013	47.9	979
530	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	4.8	26
529	The future of rodent models in depression research. <i>Nature Reviews Neuroscience</i> , 2019 , 20, 686-701	13.5	92
528	Metabolome and microbiome profiling of a stress-sensitive rat model of gut-brain axis dysfunction. <i>Scientific Reports</i> , 2019 , 9, 14026	4.9	10
527	Microbial regulation of microRNA expression in the brain-gut axis. <i>Current Opinion in Pharmacology</i> , 2019 , 48, 120-126	5.1	10
526	Short-chain fatty acids and microbiota metabolites attenuate ghrelin receptor signaling. <i>FASEB Journal</i> , 2019 , 33, 13546-13559	0.9	53

525	Enduring effects of muscarinic receptor activation on adult hippocampal neurogenesis, microRNA expression and behaviour. <i>Behavioural Brain Research</i> , 2019 , 362, 188-198	3.4	2
524	Microbiota and Neurodevelopmental Trajectories: Role of Maternal and Early-Life Nutrition. <i>Annals of Nutrition and Metabolism</i> , 2019 , 74 Suppl 2, 16-27	4.5	27
523	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	11.5	48
522	Resilience to chronic stress is associated with specific neurobiological, neuroendocrine and immune responses. <i>Brain, Behavior, and Immunity</i> , 2019 , 80, 583-594	16.6	30
521	Attenuation of Oxytocin and Serotonin 2A Receptor Signaling through Novel Heteroreceptor Formation. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 3225-3240	5.7	14
520	Talking about a microbiome revolution. <i>Nature Microbiology</i> , 2019 , 4, 552-553	26.6	14
519	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	0.8	9
518	Gut Reactions: Breaking Down Xenobiotic-Microbiome Interactions. <i>Pharmacological Reviews</i> , 2019 , 71, 198-224	22.5	135
517	Gut Microbe to Brain Signaling: What Happens in Vagus? <i>Neuron</i> , 2019 , 101, 998-1002	13.9	178
516	Dietary β -actalbumin 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	3.6	8
515	Manipulation of gut microbiota blunts the ventilatory response to hypercapnia in adult rats. <i>EBioMedicine</i> , 2019 , 44, 618-638	8.8	25
514	Is the fountain of youth in the gut microbiome?. <i>Journal of Physiology</i> , 2019 , 597, 2323-2324	3.9	5
513	Faecal microbiota transplants for depression - Who gives a crapsule?. <i>Australian and New Zealand Journal of Psychiatry</i> , 2019 , 53, 732-734	2.6	10
512	A role for the orphan nuclear receptor TLX in the interaction between neural precursor cells and microglia. <i>Neuronal Signaling</i> , 2019 , 3, NS20180177	3.7	3
511	P.2.07 Differential effects of psychotropic drugs on microbiome composition. <i>European Neuropsychopharmacology</i> , 2019 , 29, S659-S660	1.2	
510	Differential gene expression in the mesocorticolimbic system of innately high- and low-impulsive rats. <i>Behavioural Brain Research</i> , 2019 , 364, 193-204	3.4	5
509	Psychotropics and the Microbiome: a Chamber of Secrets? <i>Psychopharmacology</i> , 2019 , 236, 1411-1432	4.7	65
508	Differential functional selectivity and downstream signaling bias of ghrelin receptor antagonists and inverse agonists. <i>FASEB Journal</i> , 2019 , 33, 518-531	0.9	17

507	Differential effects of adolescent and adult-initiated voluntary exercise on context and cued fear conditioning. <i>Neuropharmacology</i> , 2019 , 145, 49-58	5.5	16
506	Programming Bugs: Microbiota and the Developmental Origins of Brain Health and Disease. <i>Biological Psychiatry</i> , 2019 , 85, 150-163	7.9	101
505	Making Sense of the Microbiome in Psychiatry. <i>International Journal of Neuropsychopharmacology</i> , 2019 , 22, 37-52	5.8	94
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