

Timothy Dinan

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.

578
papers

55,898
citations

114
h-index

222
g-index

612
ext. papers

68,795
ext. citations

6.5
avg, IF

8.61
L-index

#	Paper	IF	Citations
578	Altered stress responses in adults born by Caesarean section.. <i>Neurobiology of Stress</i> , 2022 , 16, 100425	7.6	2
577	The immune-kynurenine pathway in social anxiety disorder. <i>Brain, Behavior, and Immunity</i> , 2022 , 99, 317-326	12.6	2
576	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. <i>Biological Psychiatry</i> , 2022 , 91, 102-117	7.9	11
575	Mapping genomic loci implicates genes and synaptic biology in schizophrenia.. <i>Nature</i> , 2022 ,	50.4	35
574	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
573	How do gut microbes influence mental health?. <i>Trends in Urology & Mens Health</i> , 2022 , 13, 26-29	0.3	
572	Serotonin type 3 receptor subunit gene polymorphisms associated with psychosomatic symptoms in irritable bowel syndrome: A multicenter retrospective study. <i>World Journal of Gastroenterology</i> , 2022 , 28, 2334-2349	5.6	
571	The role of the gut microbiome in the development of schizophrenia. <i>Schizophrenia Research</i> , 2021 , 234, 4-23	3.6	23
570	A Delphi-method-based consensus guideline for definition of treatment-resistant depression for clinical trials.. <i>Molecular Psychiatry</i> , 2021 ,	15.1	10
569	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
568	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
567	The gut microbiome influences the bioavailability of olanzapine in rats. <i>EBioMedicine</i> , 2021 , 66, 103307	8.8	7
566	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
565	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
564	A Comparison of Ten Polygenic Score Methods for Psychiatric Disorders Applied Across Multiple Cohorts. <i>Biological Psychiatry</i> , 2021 , 90, 611-620	7.9	17
563	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
562	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

561	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
560	Molecular, biochemical and behavioural evidence for a novel oxytocin receptor and serotonin 2C receptor heterocomplex. <i>Neuropharmacology</i> , 2021 , 183, 108394	5.5	7
559	Volatility as a Concept to Understand the Impact of Stress on the Microbiome. <i>Psychoneuroendocrinology</i> , 2021 , 124, 105047	5	18
558	A biological framework for emotional dysregulation in alcohol misuse: from gut to brain. <i>Molecular Psychiatry</i> , 2021 , 26, 1098-1118	15.1	16
557	Bifidobacterium longum counters the effects of obesity: Partial successful translation from rodent to human. <i>EBioMedicine</i> , 2021 , 63, 103176	8.8	19
556	Improvements in sleep indices during exam stress due to consumption of a. <i>Brain, Behavior, & Immunity - Health</i> , 2021 , 10, 100174	5.1	4
555	Strain differences in behaviour and immunity in aged mice: Relevance to Autism. <i>Behavioural Brain Research</i> , 2021 , 399, 113020	3.4	5
554	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
553	Psychobiotics: Evolution of Novel Antidepressants 2021 , 32, 134-143		5
552	The Microbiome-Gut-Brain Axis: A New Window to View the Impact of Prenatal Stress on Early Neurodevelopment 2021 , 165-191		
551	DNA Methylation Profiles of and in Gut and Brain of -Treated. <i>Biomolecules</i> , 2021 , 11,	5.9	7
550	Identifying a biological signature of prenatal maternal stress. <i>JCI Insight</i> , 2021 , 6,	9.9	8
549	Psychotropic Drugs and the Microbiome 2021 , 32, 113-133		1
548	Personalized Nutrition for Depression: Impact on the Unholy Trinity. <i>NeuroImmunoModulation</i> , 2021 , 28, 47-51	2.5	1
547	DNA methylation meta-analysis reveals cellular alterations in psychosis and markers of treatment-resistant schizophrenia. <i>ELife</i> , 2021 , 10,	8.9	15
546	Estrous cycle and ovariectomy-induced changes in visceral pain are microbiota-dependent. <i>IScience</i> , 2021 , 24, 102850	6.1	6
545	Microbiota from young mice counteracts selective age-associated behavioral deficits. <i>Nature Aging</i> , 2021 , 1, 666-676		36
544	Probiotics: Potential novel therapeutics for microbiota-gut-brain axis dysfunction across gender and lifespan. <i>Pharmacology & Therapeutics</i> , 2021 , 231, 107978	13.9	1

543	Microbiome-Gut-Brain Interactions in Neurodevelopmental Disorders: Focus on Autism and Schizophrenia 2021 , 258-291		
542	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
541	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
540	Enduring Behavioral Effects Induced by Birth by Caesarean Section in the Mouse. <i>Current Biology</i> , 2020 , 30, 3761-3774.e6	6.3	36
539	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
538	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
537	Gut-brain axis serotonergic responses to acute stress exposure are microbiome-dependent. <i>Neurogastroenterology and Motility</i> , 2020 , 32, e13881	4	16
536	Probiotics and the Microbiota-Gut-Brain Axis: Focus on Psychiatry. <i>Current Nutrition Reports</i> , 2020 , 9, 171-182	6	48
535	Impact of host and environmental factors on β-glucuronidase enzymatic activity: implications for gastrointestinal serotonin. <i>American Journal of Physiology - Renal Physiology</i> , 2020 , 318, G816-G826	5.1	11
534	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	
533	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
532	When Rhythms Meet the Blues: Circadian Interactions with the Microbiota-Gut-Brain Axis. <i>Cell Metabolism</i> , 2020 , 31, 448-471	24.6	49
531	Gut microbiota: a missing link in psychiatry. <i>World Psychiatry</i> , 2020 , 19, 111-112	14.4	13
530	Polyphenols selectively reverse early-life stress-induced behavioural, neurochemical and microbiota changes in the rat. <i>Psychoneuroendocrinology</i> , 2020 , 116, 104673	5	27
529	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
528	Preparation and Applications of Milk Polar Lipids/MFGM 2020 , 67-90		
527	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
526	Molecular biomarkers in depression: Toward personalized psychiatric treatment 2020 , 319-338		1

525	Dietary phospholipids: Role in cognitive processes across the lifespan. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 111, 183-193	9	21
524	Gutted! Unraveling the Role of the Microbiome in Major Depressive Disorder. <i>Harvard Review of Psychiatry</i> , 2020 , 28, 26-39	4.1	56
523	Gut Microbiota: A Perspective for Psychiatrists. <i>Neuropsychobiology</i> , 2020 , 79, 50-62	4	52
522	The gut microbiome in neurological disorders. <i>Lancet Neurology, The</i> , 2020 , 19, 179-194	24.1	265
521	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
520	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
519	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
518	Sex-dependent associations between addiction-related behaviors and the microbiome in outbred rats. <i>EBioMedicine</i> , 2020 , 55, 102769	8.8	11
517	Impaired cognitive function in Crohn's disease: Relationship to disease activity. <i>Brain, Behavior, & Immunity - Health</i> , 2020 , 5, 100093	5.1	2
516	Enduring neurobehavioral effects induced by microbiota depletion during the adolescent period. <i>Translational Psychiatry</i> , 2020 , 10, 382	8.6	15
515	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
514	Neurobiological effects of phospholipids : Relevance to stress-related disorders. <i>Neurobiology of Stress</i> , 2020 , 13, 100252	7.6	2
513	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
512	Depression's Unholy Trinity: Dysregulated Stress, Immunity, and the Microbiome. <i>Annual Review of Psychology</i> , 2020 , 71, 49-78	26.1	76
511	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
510	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
509	Microbiota-Gut-Brain Axis: New Therapeutic Opportunities. <i>Annual Review of Pharmacology and Toxicology</i> , 2020 , 60, 477-502	17.9	112
508	The Microbiota-Gut-Brain Axis. <i>Physiological Reviews</i> , 2019 , 99, 1877-2013	47.9	979

507	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
506	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
505	Microbial regulation of microRNA expression in the brain-gut axis. <i>Current Opinion in Pharmacology</i> , 2019 , 48, 120-126	5.1	10
504	Short-chain fatty acids and microbiota metabolites attenuate ghrelin receptor signaling. <i>FASEB Journal</i> , 2019 , 33, 13546-13559	0.9	53
503	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
502	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
501	100 words on psychobiotics in 100 words. <i>British Journal of Psychiatry</i> , 2019 , 214, 338	5.4	
500	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
499	Attenuation of Oxytocin and Serotonin 2A Receptor Signaling through Novel Heteroreceptor Formation. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 3225-3240	5.7	14
498	Talking about a microbiome revolution. <i>Nature Microbiology</i> , 2019 , 4, 552-553	26.6	14
497	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
496	Gut Reactions: Breaking Down Xenobiotic-Microbiome Interactions. <i>Pharmacological Reviews</i> , 2019 , 71, 198-224	22.5	135
495	Gut Microbe to Brain Signaling: What Happens in Vagus? <i>Neuron</i> , 2019 , 101, 998-1002	13.9	178
494	Is the fountain of youth in the gut microbiome?. <i>Journal of Physiology</i> , 2019 , 597, 2323-2324	3.9	5
493	Population-based identity-by-descent mapping combined with exome sequencing to detect rare risk variants for schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2019 , 180, 223-231	3.5	2
492	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
491	Psychotropics and the Microbiome: a Chamber of Secrets? <i>Psychopharmacology</i> , 2019 , 236, 1411-1432	4.7	65
490	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

489	Programming Bugs: Microbiota and the Developmental Origins of Brain Health and Disease. <i>Biological Psychiatry</i> , 2019 , 85, 150-163	7.9	101
488	Making Sense of the Microbiome in Psychiatry. <i>International Journal of Neuropsychopharmacology</i> , 2019 , 22, 37-52	5.8	94
487	Host Microbiota Regulates Central Nervous System Serotonin Receptor 2C Editing in Rodents. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 3953-3960	5.7	6
486	Monocyte mobilisation, microbiota & mental illness. <i>Brain, Behavior, and Immunity</i> , 2019 , 81, 74-91	16.6	21
485	Mood and Microbes: Gut to Brain Communication in Depression. <i>Gastroenterology Clinics of North America</i> , 2019 , 48, 389-405	4.4	32
484	Focus on the essentials: tryptophan metabolism and the microbiome-gut-brain axis. <i>Current Opinion in Pharmacology</i> , 2019 , 48, 137-145	5.1	56
483	Pain Bugs: Gut Microbiota and Pain Disorders. <i>Current Opinion in Physiology</i> , 2019 , 11, 97-102	2.6	3
482	Microbiota and the social brain. <i>Science</i> , 2019 , 366,	33.3	142
481	Informal caregiving for dementia patients: the contribution of patient characteristics and behaviours to caregiver burden. <i>Age and Ageing</i> , 2019 , 49, 52-56	3	16
480	Man and the Microbiome: A New Theory of Everything?. <i>Annual Review of Clinical Psychology</i> , 2019 , 15, 371-398	20.5	41
479	Gut microbes and depression: Still waiting for Godot. <i>Brain, Behavior, and Immunity</i> , 2019 , 79, 1-2	16.6	23
478	Choosing Healthy Eating for Infant Health (CHERISH) study: protocol for a feasibility study. <i>BMJ Open</i> , 2019 , 9, e029607	3	2
477	Naturally Derived Polyphenols Protect Against Corticosterone-Induced Changes in Primary Cortical Neurons. <i>International Journal of Neuropsychopharmacology</i> , 2019 , 22, 765-777	5.8	10
476	Differential effects of psychotropic drugs on microbiome composition and gastrointestinal function. <i>Psychopharmacology</i> , 2019 , 236, 1671-1685	4.7	95
475	A ghrelin receptor and oxytocin receptor heterocomplex impairs oxytocin mediated signalling. <i>Neuropharmacology</i> , 2019 , 152, 90-101	5.5	27
474	Heat-killed lactobacilli alter both microbiota composition and behaviour. <i>Behavioural Brain Research</i> , 2019 , 362, 213-223	3.4	42
473	Feeding melancholic microbes: MyNewGut recommendations on diet and mood. <i>Clinical Nutrition</i> , 2019 , 38, 1995-2001	5.9	37
472	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	3.6	49

471	Nutraceuticals to promote neuronal plasticity in response to corticosterone-induced stress in human neuroblastoma cells. <i>Nutritional Neuroscience</i> , 2019 , 22, 551-568	3.6	13
470	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	2.4	16
469	Tryptophan metabolic profile in term and preterm breast milk: implications for health. <i>Journal of Nutritional Science</i> , 2018 , 7, e13	2.7	18
468	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	5.2	19
467	The vagus nerve modulates BDNF expression and neurogenesis in the hippocampus. <i>European Neuropsychopharmacology</i> , 2018 , 28, 307-316	1.2	52
466	Investigation of the neurotrophic effect of dairy phospholipids on cortical neuron outgrowth and stimulation. <i>Journal of Functional Foods</i> , 2018 , 40, 60-67	5.1	4
465	Short-chain fatty acids: microbial metabolites that alleviate stress-induced brain-gut axis alterations. <i>Journal of Physiology</i> , 2018 , 596, 4923-4944	3.9	241
464	Detection and Quantitative Analysis of Dynamic GPCRs Interactions Using Flow Cytometry-Based FRET. <i>Neuromethods</i> , 2018 , 223-238	0.4	2
463	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018 , 360,	33.3	666
462	Resilience and immunity. <i>Brain, Behavior, and Immunity</i> , 2018 , 74, 28-42	16.6	80
461	Association of Hypertensive Disorders of Pregnancy With Risk of Neurodevelopmental Disorders in Offspring: A Systematic Review and Meta-analysis. <i>JAMA Psychiatry</i> , 2018 , 75, 809-819	14.5	96
460	Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. <i>Cell</i> , 2018 , 173, 1705-1715.e16	56.2	360
459	The Microbiome in Psychology and Cognitive Neuroscience. <i>Trends in Cognitive Sciences</i> , 2018 , 22, 611-636	1.7	97
458	A Microbial Drugstore for Motility. <i>Cell Host and Microbe</i> , 2018 , 23, 691-692	23.4	16
457	Gut Microbes and Brain Development Have Black Box Connectivity. <i>Biological Psychiatry</i> , 2018 , 83, 97-99	7.9	22
456	Finding the needle in the haystack: systematic identification of psychobiotics. <i>British Journal of Pharmacology</i> , 2018 , 175, 4430-4438	8.6	45
455	Gutsy Moves: The Amygdala as a Critical Node in Microbiota to Brain Signaling. <i>BioEssays</i> , 2018 , 40, 1700412	1.2	54
454	Anxiety, Depression, and the Microbiome: A Role for Gut Peptides. <i>Neurotherapeutics</i> , 2018 , 15, 36-59	6.4	218

453	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	6.5	151
452	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	1.3	9
451	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	3.8	12
450	75 Informal Caregiving for Dementia Patients: The Contribution of Patient Age, Cognitive and Functional Impairment and Challenging Behaviours to Caregiver Burden. <i>Age and Ageing</i> , 2018 , 47, v13-v60	3.2	30
449	Neuropsychiatric Disorders: Influence of Gut Microbe to Brain Signalling. <i>Diseases (Basel, Switzerland)</i> , 2018 , 6,	4.4	28
448	Gut microbiome correlates with altered striatal dopamine receptor expression in a model of compulsive alcohol seeking. <i>Neuropharmacology</i> , 2018 , 141, 249-259	5.5	37
447	The Neuroendocrinology of the Microbiota-Gut-Brain Axis: A Behavioural Perspective. <i>Frontiers in Neuroendocrinology</i> , 2018 , 51, 80-101	8.9	122
446	Estimation of Genetic Correlation via Linkage Disequilibrium Score Regression and Genomic Restricted Maximum Likelihood. <i>American Journal of Human Genetics</i> , 2018 , 102, 1185-1194	11	55
445	Social interaction-induced activation of RNA splicing in the amygdala of microbiome-deficient mice. <i>ELife</i> , 2018 , 7,	8.9	51
444	Early-life adversity and brain development: Is the microbiome a missing piece of the puzzle?. <i>Neuroscience</i> , 2017 , 342, 37-54	3.9	122
443	Microbes, Immunity, and Behavior: Psychoneuroimmunology Meets the Microbiome. <i>Neuropsychopharmacology</i> , 2017 , 42, 178-192	8.7	119
442	The Microbiome-Gut-Brain Axis in Health and Disease. <i>Gastroenterology Clinics of North America</i> , 2017 , 46, 77-89	4.4	425
441	The Trier Social Stress Test: Principles and practice. <i>Neurobiology of Stress</i> , 2017 , 6, 113-126	7.6	179
440	Drunk bugs: Chronic vapour alcohol exposure induces marked changes in the gut microbiome in mice. <i>Behavioural Brain Research</i> , 2017 , 323, 172-176	3.4	45
439	Revisiting Metchnikoff: Age-related alterations in microbiota-gut-brain axis in the mouse. <i>Brain, Behavior, and Immunity</i> , 2017 , 65, 20-32	16.6	114
438	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	7.9	426
437	Occurrence and co-occurrence of hallucinations by modality in schizophrenia-spectrum disorders. <i>Psychiatry Research</i> , 2017 , 252, 154-160	9.9	62
436	<i>Bifidobacterium breve</i> with linolenic acid alters the composition, distribution and transcription factor activity associated with metabolism and absorption of fat. <i>Scientific Reports</i> , 2017 , 7, 43300	4.9	15

435	Irritable Bowel Syndrome and Stress-Related Psychiatric Co-morbidities: Focus on Early Life Stress. <i>Handbook of Experimental Pharmacology</i> , 2017 , 239, 219-246	3.2	32
434	Selective enrichment of dairy phospholipids in a buttermilk substrate through investigation of enzymatic hydrolysis of milk proteins in conjunction with ultrafiltration. <i>International Dairy Journal</i> , 2017 , 68, 80-87	3.5	16
433	Pilot scale production of a phospholipid-enriched dairy ingredient by means of an optimised integrated process employing enzymatic hydrolysis, ultrafiltration and super-critical fluid extraction. <i>Innovative Food Science and Emerging Technologies</i> , 2017 , 41, 301-306	6.8	21
432	A psychology of the human brain-gut-microbiome axis. <i>Social and Personality Psychology Compass</i> , 2017 , 11, e12309	3	81
431	<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	2.5	17
430	The gut microbiota as a key regulator of visceral pain. <i>Pain</i> , 2017 , 158 Suppl 1, S19-S28	8	42
429	Intervention strategies for cesarean section-induced alterations in the microbiota-gut-brain axis. <i>Nutrition Reviews</i> , 2017 , 75, 225-240	6.4	54
428	Microbiota-Gut-Brain Axis: Modulator of Host Metabolism and Appetite. <i>Journal of Nutrition</i> , 2017 , 147, 727-745	4.1	179
427	Gut microbiota and attention deficit hyperactivity disorder: new perspectives for a challenging condition. <i>European Child and Adolescent Psychiatry</i> , 2017 , 26, 1081-1092	5.5	78
426	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	9	125
425	The Role of the Gastrointestinal Microbiota in Visceral Pain. <i>Handbook of Experimental Pharmacology</i> , 2017 , 239, 269-287	3.2	34
424	Gut-brain axis in 2016: Brain-gut-microbiota axis - mood, metabolism and behaviour. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017 , 14, 69-70	24.2	168
423	The Brain-Gut Axis Contributes to Neuroprogression in Stress-Related Disorders. <i>Modern Problems of Pharmacopsychiatry</i> , 2017 , 31, 152-161		14
422	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	8.8	174
421	Hypertensive disorders of pregnancy and risk of neurodevelopmental disorders in the offspring: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2017 , 7, e018313	3	13
420	Microbial regulation of microRNA expression in the amygdala and prefrontal cortex. <i>Microbiome</i> , 2017 , 5, 102	16.6	94
419	The microbiota-gut-brain axis in obesity. <i>The Lancet Gastroenterology and Hepatology</i> , 2017 , 2, 747-756	18.8	242
418	Microbial regulation of hippocampal miRNA expression: Implications for transcription of kynurenine pathway enzymes. <i>Behavioural Brain Research</i> , 2017 , 334, 50-54	3.4	34

417	Brain-Gut-Microbiota Axis and Mental Health. <i>Psychosomatic Medicine</i> , 2017 , 79, 920-926	3.7	129
416	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	3.6	30
415	Birth by caesarean section and school performance in Swedish adolescents- a population-based study. <i>BMC Pregnancy and Childbirth</i> , 2017 , 17, 121	3.2	20
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