Timothy Dinan

List of Publications by Year
in descending order

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595	79,421	553 126	640 256
papers	citations	h-index	g-index

612	612	612	59742
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigating the potential of fish oil as a nutraceutical in an animal model of early life stress. Nutritional Neuroscience, 2022, 25, 356-378.	1.5	20
2	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. Biological Psychiatry, 2022, 91, 102-117.	0.7	61
3	Probiotics: Potential novel therapeutics for microbiota-gut-brain axis dysfunction across gender and lifespan. , 2022, 231, 107978.		37
4	The immune-kynurenine pathway in social anxiety disorder. Brain, Behavior, and Immunity, 2022, 99, 317-326.	2.0	27
5	Dietary Milk Phospholipids Attenuate Chronic Stressâ€Induced Changes in Behavior and Endocrine Responses across the Lifespan. Molecular Nutrition and Food Research, 2022, 66, e2100665.	1.5	2
6	Altered stress responses in adults born by Caesarean section. Neurobiology of Stress, 2022, 16, 100425.	1.9	10
7	A Delphi-method-based consensus guideline for definition of treatment-resistant depression for clinical trials. Molecular Psychiatry, 2022, 27, 1286-1299.	4.1	68
8	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. Nature, 2022, 604, 502-508.	13.7	929
9	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. Neuropharmacology, 2022, 210, 109026.	2.0	7
10	Distinct post-sepsis induced neurochemical alterations in two mouse strains. Brain, Behavior, and Immunity, 2022, 104, 39-53.	2.0	7
11	How do gut microbes influence mental health?. Trends in Urology & Men's Health, 2022, 13, 26-29.	0.2	1
12	Serotonin type 3 receptor subunit gene polymorphisms associated with psychosomatic symptoms in irritable bowel syndrome: A multicenter retrospective study. World Journal of Gastroenterology, 2022, 28, 2334-2349.	1.4	2
13	Gut Microbes and Neuropathology: Is There a Causal Nexus?. Pathogens, 2022, 11, 796.	1.2	6
14	Antibiotics and mental health: The good, the bad and the ugly. Journal of Internal Medicine, 2022, 292, 858-869.	2.7	25
15	The role of the gut microbiome in the development of schizophrenia. Schizophrenia Research, 2021, 234, 4-23.	1.1	60
16	Molecular, biochemical and behavioural evidence for a novel oxytocin receptor and serotonin 2C receptor heterocomplex. Neuropharmacology, 2021, 183, 108394.	2.0	19
17	Volatility as a Concept to Understand the Impact of Stress on the Microbiome. Psychoneuroendocrinology, 2021, 124, 105047.	1.3	54
18	A biological framework for emotional dysregulation in alcohol misuse: from gut to brain. Molecular Psychiatry, 2021, 26, 1098-1118.	4.1	33

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19	Bifidobacterium longum counters the effects of obesity: Partial successful translation from rodent to human. EBioMedicine, 2021, 63, 103176.	2.7	64
20	Improvements in sleep indices during exam stress due to consumption of a Bifidobacterium longum. Brain, Behavior, & Immunity - Health, 2021, 10, 100174.	1.3	25
21	Strain differences in behaviour and immunity in aged mice: Relevance to Autism. Behavioural Brain Research, 2021, 399, 113020.	1.2	12
22	A specific dietary fibre supplementation improves cognitive performanceâ€"an exploratory randomised, placebo-controlled, crossover study. Psychopharmacology, 2021, 238, 149-163.	1.5	46
23	Psychobiotics: Evolution of Novel Antidepressants. Modern Trends in Psychiatry, 2021, 32, 134-143.	2.1	10
24	The Microbiome-Gut-Brain Axis: A New Window to View the Impact of Prenatal Stress on Early Neurodevelopment. , 2021, , 165-191.		1
25	DNA Methylation Profiles of Tph1A and BDNF in Gut and Brain of L. Rhamnosus-Treated Zebrafish. Biomolecules, 2021, 11, 142.	1.8	21
26	Identifying a biological signature of prenatal maternal stress. JCI Insight, 2021, 6, .	2.3	15
27	Psychotropic Drugs and the Microbiome. Modern Trends in Psychiatry, 2021, 32, 113-133.	2.1	8
28	Personalized Nutrition for Depression: Impact on the Unholy Trinity. NeuroImmunoModulation, 2021, 28, 47-51.	0.9	2
29	DNA methylation meta-analysis reveals cellular alterations in psychosis and markers of treatment-resistant schizophrenia. ELife, 2021, 10, .	2.8	72
30	Diet and the Microbiotaâ€"Gutâ€"Brain Axis: Sowing the Seeds of Good Mental Health. Advances in Nutrition, 2021, 12, 1239-1285.	2.9	125
31	The gut microbiome influences the bioavailability of olanzapine in rats. EBioMedicine, 2021, 66, 103307.	2.7	38
32	Maternal antibiotic administration during a critical developmental window has enduring neurobehavioural effects in offspring mice. Behavioural Brain Research, 2021, 404, 113156.	1.2	26
33	Early-life oxytocin attenuates the social deficits induced by caesarean-section delivery in the mouse. Neuropsychopharmacology, 2021, 46, 1958-1968.	2.8	16
34	A Comparison of Ten Polygenic Score Methods for Psychiatric Disorders Applied Across Multiple Cohorts. Biological Psychiatry, 2021, 90, 611-620.	0.7	103
35	Acute stress increases monocyte levels and modulates receptor expression in healthy females. Brain, Behavior, and Immunity, 2021, 94, 463-468.	2.0	7
36	Mining microbes for mental health: Determining the role of microbial metabolic pathways in human brain health and disease. Neuroscience and Biobehavioral Reviews, 2021, 125, 698-761.	2.9	80

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37	The alternative serotonin transporter promoter P2 impacts gene function in females with irritable bowel syndrome. Journal of Cellular and Molecular Medicine, 2021, 25, 8047-8061.	1.6	5
38	Estrous cycle and ovariectomy-induced changes in visceral pain are microbiota-dependent. IScience, 2021, 24, 102850.	1.9	17
39	Microbiota from young mice counteracts selective age-associated behavioral deficits. Nature Aging, 2021, 1, 666-676.	5.3	132
40	Microbiome-Gut-Brain Interactions in Neurodevelopmental Disorders: Focus on Autism and Schizophrenia. , 2021, , 258-291.		0
41	Microbially-derived short-chain fatty acids impact astrocyte gene expression in a sex-specific manner. Brain, Behavior, & Immunity - Health, 2021, 16, 100318.	1.3	26
42	Kefir ameliorates specific microbiota-gut-brain axis impairments in a mouse model relevant to autism spectrum disorder. Brain, Behavior, and Immunity, 2021, 97, 119-134.	2.0	19
43	Mid-life microbiota crises: middle age is associated with pervasive neuroimmune alterations that are reversed by targeting the gut microbiome. Molecular Psychiatry, 2020, 25, 2567-2583.	4.1	102
44	Depression's Unholy Trinity: Dysregulated Stress, Immunity, and the Microbiome. Annual Review of Psychology, 2020, 71, 49-78.	9.9	152
45	Metformin and Dipeptidyl Peptidase-4 Inhibitor Differentially Modulate the Intestinal Microbiota and Plasma Metabolome of Metabolically Dysfunctional Mice. Canadian Journal of Diabetes, 2020, 44, 146-155.e2.	0.4	41
46	The enduring effects of earlyâ€life stress on the microbiotaâ€“gutâ€“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
47	Microbiota-Gut-Brain Axis: New Therapeutic Opportunities. Annual Review of Pharmacology and Toxicology, 2020, 60, 477-502.	4.2	227
48	Molecular biomarkers in depression: Toward personalized psychiatric treatment. , 2020, , 319-338.		4
49	Dietary phospholipids: Role in cognitive processes across the lifespan. Neuroscience and Biobehavioral Reviews, 2020, 111, 183-193.	2.9	43
50	Gutted! Unraveling the Role of the Microbiome in Major Depressive Disorder. Harvard Review of Psychiatry, 2020, 28, 26-39.	0.9	94
51	Gut Microbiota: A Perspective for Psychiatrists. Neuropsychobiology, 2020, 79, 50-62.	0.9	87
52	The gut microbiome in neurological disorders. Lancet Neurology, The, 2020, 19, 179-194.	4.9	669
53	Annual Research Review: Critical windows â€“ the microbiotaâ€“gutâ€“brain axis in neurocognitive development. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2020, 61, 353-371.	3.1	103
54	Informal caregiving for dementia patients: the contribution of patient characteristics and behaviours to caregiver burden. Age and Ageing, 2020, 49, 52-56.	0.7	35

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55	The role of the microbiota in acute stress-induced myeloid immune cell trafficking. Brain, Behavior, and Immunity, 2020, 84, 209-217.	2.0	25
56	Youâ€™ve got male: Sex and the microbiota-gut-brain axis across the lifespan. Frontiers in Neuroendocrinology, 2020, 56, 100815.	2.5	128
57	Sex-dependent associations between addiction-related behaviors and the microbiome in outbred rats. EBioMedicine, 2020, 55, 102769.	2.7	36
58	Impaired cognitive function in Crohnâ€™s disease: Relationship to disease activity. Brain, Behavior, & Immunity - Health, 2020, 5, 100093.	1.3	11
59	Enduring neurobehavioral effects induced by microbiota depletion during the adolescent period. Translational Psychiatry, 2020, 10, 382.	2.4	38
60	Neurobiological effects of phospholipids in vitro: Relevance to stress-related disorders. Neurobiology of Stress, 2020, 13, 100252.	1.9	7
61	Enduring Behavioral Effects Induced by Birth by Caesarean Section in the Mouse. Current Biology, 2020, 30, 3761-3774.e6.	1.8	65
62	Distinct actions of the fermented beverage kefir on host behaviour, immunity and microbiome gut-brain modules in the mouse. Microbiome, 2020, 8, 67.	4.9	55
63	Recipe for a Healthy Gut: Intake of Unpasteurised Milk Is Associated with Increased Lactobacillus Abundance in the Human Gut Microbiome. Nutrients, 2020, 12, 1468.	1.7	29
64	Gutâ€brain axis serotonergic responses to acute stress exposure are microbiomeâ€dependent. Neurogastroenterology and Motility, 2020, 32, e13881.	1.6	30
65	Probiotics and the Microbiota-Gut-Brain Axis: Focus on Psychiatry. Current Nutrition Reports, 2020, 9, 171-182.	2.1	151
66	Impact of host and environmental factors on Î²-glucuronidase enzymatic activity: implications for gastrointestinal serotonin. American Journal of Physiology - Renal Physiology, 2020, 318, G816-G826.	1.6	25
67	Ethologically based behavioural and neurochemical characterisation of mice with isoform-specific loss of dysbindin-1A in the context of schizophrenia. Neuroscience Letters, 2020, 736, 135218.	1.0	0
68	Adolescent dietary manipulations differentially affect gut microbiota composition and amygdala neuroimmune gene expression in male mice in adulthood. Brain, Behavior, and Immunity, 2020, 87, 666-678.	2.0	23
69	When Rhythms Meet the Blues: Circadian Interactions with the Microbiota-Gut-Brain Axis. Cell Metabolism, 2020, 31, 448-471.	7.2	101
70	Gut microbiota: a missing link in psychiatry. World Psychiatry, 2020, 19, 111-112.	4.8	32
71	Polyphenols selectively reverse early-life stress-induced behavioural, neurochemical and microbiota changes in the rat. Psychoneuroendocrinology, 2020, 116, 104673.	1.3	49
72	Gut microbiome-mediated modulation of hepatic cytochrome P450 and P-glycoprotein: impact of butyrate and fructo-oligosaccharide-inulin. Journal of Pharmacy and Pharmacology, 2020, 72, 1072-1081.	1.2	13

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73	Lactobacillus rhamnosus GG soluble mediators ameliorate early life stress-induced visceral hypersensitivity and changes in spinal cord gene expression. Neuronal Signaling, 2020, 4, NS20200007.	1.7	15
74	Preparation and Applications of Milk Polar Lipids/MFGM. , 2020, , 67-90.		0
75	Differential functional selectivity and downstream signaling bias of ghrelin receptor antagonists and inverse agonists. FASEB Journal, 2019, 33, 518-531.	0.2	25
76	Programming Bugs: Microbiota and the Developmental Origins of Brain Health and Disease. Biological Psychiatry, 2019, 85, 150-163.	0.7	146
77	Making Sense of â€¦ the Microbiome in Psychiatry. International Journal of Neuropsychopharmacology, 2019, 22, 37-52.	1.0	142
78	Host Microbiota Regulates Central Nervous System Serotonin Receptor 2C Editing in Rodents. ACS Chemical Neuroscience, 2019, 10, 3953-3960.	1.7	8
79	Monocyte mobilisation, microbiota & mental illness. Brain, Behavior, and Immunity, 2019, 81, 74-91.	2.0	35
80	Mood and Microbes. Gastroenterology Clinics of North America, 2019, 48, 389-405.	1.0	47
81	Focus on the essentials: tryptophan metabolism and the microbiome-gut-brain axis. Current Opinion in Pharmacology, 2019, 48, 137-145.	1.7	119
82	Pain Bugs: Gut Microbiota and Pain Disorders. Current Opinion in Physiology, 2019, 11, 97-102.	0.9	8
83	Microbiota and the social brain. Science, 2019, 366, .	6.0	279
84	The Microbiota-Gut-Brain Axis. Physiological Reviews, 2019, 99, 1877-2013.	13.1	2,304
85	The Gut Microbiome and Mental Health: What Should We Tell Our Patients?: Le microbiote Intestinal et la SantÃ© Mentale : que Devrions-Nous dire Ã nos Patients?. Canadian Journal of Psychiatry, 2019, 64, 747-760.	0.9	58
86	Metabolome and microbiome profiling of a stress-sensitive rat model of gut-brain axis dysfunction. Scientific Reports, 2019, 9, 14026.	1.6	23
87	Microbial regulation of microRNA expression in the brainâ€“gut axis. Current Opinion in Pharmacology, 2019, 48, 120-126.	1.7	16
88	Shortâ€chain fatty acids and microbiota metabolites attenuate ghrelin receptor signaling. FASEB Journal, 2019, 33, 13546-13559.	0.2	93
89	Enduring effects of muscarinic receptor activation on adult hippocampal neurogenesis, microRNA expression and behaviour. Behavioural Brain Research, 2019, 362, 188-198.	1.2	3
90	Microbiota and Neurodevelopmental Trajectories: Role of Maternal and Early-Life Nutrition. Annals of Nutrition and Metabolism, 2019, 74, 16-27.	1.0	47

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91	100 wordsâ€¦onÂpsychobiotics â€“ 100 words. British Journal of Psychiatry, 2019, 214, 338.	1.7	0
92	Resilience to chronic stress is associated with specific neurobiological, neuroendocrine and immune responses. Brain, Behavior, and Immunity, 2019, 80, 583-594.	2.0	45
93	Attenuation of Oxytocin and Serotonin 2A Receptor Signaling through Novel Heteroreceptor Formation. ACS Chemical Neuroscience, 2019, 10, 3225-3240.	1.7	22
94	Talking about a microbiome revolution. Nature Microbiology, 2019, 4, 552-553.	5.9	18
95	From isoniazid to psychobiotics: the gut microbiome as a new antidepressant target. British Journal of Hospital Medicine (London, England: 2005), 2019, 80, 139-145.	0.2	20
96	Gut Reactions: Breaking Down Xenobioticâ€“Microbiome Interactions. Pharmacological Reviews, 2019, 71, 198-224.	7.1	211
97	Gut Microbe to Brain Signaling: What Happens in Vagusâ€¦. Neuron, 2019, 101, 998-1002.	3.8	327
98	Is the fountain of youth in the gut microbiome?. Journal of Physiology, 2019, 597, 2323-2324.	1.3	11
99	Populationâ€based identityâ€byâ€descent mapping combined with exome sequencing to detect rare risk variants for schizophrenia. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2019, 180, 223-231.	1.1	2
100	Differential gene expression in the mesocorticolimbic system of innately high- and low-impulsive rats. Behavioural Brain Research, 2019, 364, 193-204.	1.2	10
101	Psychotropics and the Microbiome: a Chamber of Secretsâ€¦. Psychopharmacology, 2019, 236, 1411-1432.	1.5	109
102	Decoding the role of theÂmicrobiome on amygdala function and social behaviour. Neuropsychopharmacology, 2019, 44, 233-234.	2.8	5
103	Man and the Microbiome: A New Theory of Everything?. Annual Review of Clinical Psychology, 2019, 15, 371-398.	6.3	65
104	Gut microbes and depression: Still waiting for Godot. Brain, Behavior, and Immunity, 2019, 79, 1-2.	2.0	31
105	Choosing Healthy Eating for Infant Health (CHErIsH) study: protocol for a feasibility study. BMJ Open, 2019, 9, e029607.	0.8	2
106	Naturally Derived Polyphenols Protect Against Corticosterone-Induced Changes in Primary Cortical Neurons. International Journal of Neuropsychopharmacology, 2019, 22, 765-777.	1.0	16
107	Differential effects of psychotropic drugs on microbiome composition and gastrointestinal function. Psychopharmacology, 2019, 236, 1671-1685.	1.5	170
108	A ghrelin receptor and oxytocin receptor heterocomplex impairs oxytocin mediated signalling. Neuropharmacology, 2019, 152, 90-101.	2.0	37

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109	Heat-killed lactobacilli alter both microbiota composition and behaviour. Behavioural Brain Research, 2019, 362, 213-223.	1.2	76
110	Feeding melancholic microbes: MyNewGut recommendations on diet and mood. Clinical Nutrition, 2019, 38, 1995-2001.	2.3	58
111	Neurobehavioural effects of Lactobacillus rhamnosus GG alone and in combination with prebiotics polydextrose and galactooligosaccharide in male rats exposed to early-life stress. Nutritional Neuroscience, 2019, 22, 425-434.	1.5	79
112	Nutraceuticals to promote neuronal plasticity in response to corticosterone-induced stress in human neuroblastoma cells. Nutritional Neuroscience, 2019, 22, 551-568.	1.5	25
113	Strain differences in the susceptibility to the gutâ€“brain axis and neurobehavioural alterations induced by maternal immune activation in mice. Behavioural Pharmacology, 2018, 29, 181-198.	0.8	28
114	Tryptophan metabolic profile in term and preterm breast milk: implications for health. Journal of Nutritional Science, 2018, 7, e13.	0.7	30
115	Kynurenine pathway metabolism and the neurobiology of treatment-resistant depression: Comparison of multiple ketamine infusions and electroconvulsive therapy. Journal of Psychiatric Research, 2018, 100, 24-32.	1.5	34
116	The vagus nerve modulates BDNF expression and neurogenesis in the hippocampus. European Neuropsychopharmacology, 2018, 28, 307-316.	0.3	86
117	Investigation of the neurotrophic effect of dairy phospholipids on cortical neuron outgrowth and stimulation. Journal of Functional Foods, 2018, 40, 60-67.	1.6	5
118	Gut Microbes and Brain Development Have Black Box Connectivity. Biological Psychiatry, 2018, 83, 97-99.	0.7	25
119	Finding the needle in the haystack: systematic identification of psychobiotics. British Journal of Pharmacology, 2018, 175, 4430-4438.	2.7	79
120	Gutsy Moves: The Amygdala as a Critical Node in Microbiota to Brain Signaling. BioEssays, 2018, 40, 1700172.	1.2	80
121	Anxiety, Depression, and the Microbiome: A Role for Gut Peptides. Neurotherapeutics, 2018, 15, 36-59.	2.1	358
122	Recent developments in understanding the role of the gut microbiota in brain health and disease. Annals of the New York Academy of Sciences, 2018, 1420, 5-25.	1.8	227
123	Without a bugâ€™s life: Germ-free rodents to interrogate microbiota-gut-neuroimmune interactions. Drug Discovery Today: Disease Models, 2018, 28, 79-93.	1.2	14
124	Schizophrenia and the microbiome: Time to focus on the impact of antipsychotic treatment on the gut microbiota. World Journal of Biological Psychiatry, 2018, 19, 568-570.	1.3	29
125	75Informal Caregiving for Dementia Patients: The Contribution of Patient Age, Cognitive and Functional Impairment and Challenging Behaviours to Caregiver Burden. Age and Ageing, 2018, 47, v13-v60.	0.7	0
126	Metformin and a DPP-4 Inhibitor Differentially Modulate the Microbiome and Metabolome of Metabolic Syndrome Mice. Canadian Journal of Diabetes, 2018, 42, S40.	0.4	1

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127	Neuropsychiatric Disorders: Influence of Gut Microbe to Brain Signalling. Diseases (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.0	44
128	Gut microbiome correlates with altered striatal dopamine receptor expression in a model of compulsive alcohol seeking. Neuropharmacology, 2018, 141, 249-259.	2.0	76
129	The Neuroendocrinology of the Microbiota-Gut-Brain Axis: A Behavioural Perspective. Frontiers in Neuroendocrinology, 2018, 51, 80-101.	2.5	218
130	Estimation of Genetic Correlation via Linkage Disequilibrium Score Regression and Genomic Restricted Maximum Likelihood. American Journal of Human Genetics, 2018, 102, 1185-1194.	2.6	119
131	Social interaction-induced activation of RNA splicing in the amygdala of microbiome-deficient mice. ELife, 2018, 7, .	2.8	73
132	Shortâ€chain fatty acids: microbial metabolites that alleviate stressâ€induced brainâ€“gut axis alterations. Journal of Physiology, 2018, 596, 4923-4944.	1.3	460
133	Detection and Quantitative Analysis of Dynamic GPCRs Interactions Using Flow Cytometry-Based FRET. Neuromethods, 2018, , 223-238.	0.2	3
134	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	6.0	1,085
135	Resilience and immunity. Brain, Behavior, and Immunity, 2018, 74, 28-42.	2.0	143
136	Association of Hypertensive Disorders of Pregnancy With Risk of Neurodevelopmental Disorders in Offspring. JAMA Psychiatry, 2018, 75, 809.	6.0	172
137	Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. Cell, 2018, 173, 1705-1715.e16.	13.5	623
138	The Microbiome in Psychology and Cognitive Neuroscience. Trends in Cognitive Sciences, 2018, 22, 611-636.	4.0	148
139	A Microbial Drugstore for Motility. Cell Host and Microbe, 2018, 23, 691-692.	5.1	29
140	Early-life adversity and brain development: Is the microbiome a missing piece of the puzzle?. Neuroscience, 2017, 342, 37-54.	1.1	155
141	Microbes, Immunity, and Behavior: Psychoneuroimmunology Meets the Microbiome. Neuropsychopharmacology, 2017, 42, 178-192.	2.8	174
142	The Microbiome-Gut-Brain Axis in Health and Disease. Gastroenterology Clinics of North America, 2017, 46, 77-89.	1.0	678
143	The Trier Social Stress Test: Principles and practice. Neurobiology of Stress, 2017, 6, 113-126.	1.9	294
144	Drunk bugs: Chronic vapour alcohol exposure induces marked changes in the gut microbiome in mice. Behavioural Brain Research, 2017, 323, 172-176.	1.2	63

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145	Revisiting Metchnikoff: Age-related alterations in microbiota-gut-brain axis in the mouse. Brain, Behavior, and Immunity, 2017, 65, 20-32.	2.0	158
146	Targeting the Microbiota-Gut-Brain Axis: Prebiotics Have Anxiolytic and Antidepressant-like Effects and Reverse the Impact of Chronic Stress in Mice. Biological Psychiatry, 2017, 82, 472-487.	0.7	661
147	Occurrence and co-occurrence of hallucinations by modality in schizophrenia-spectrum disorders. Psychiatry Research, 2017, 252, 154-160.	1.7	96
148	Bifidobacterium breve with Î±-linolenic acid alters the composition, distribution and transcription factor activity associated with metabolism and absorption of fat. Scientific Reports, 2017, 7, 43300.	1.6	25
149	Irritable Bowel Syndrome and Stress-Related Psychiatric Co-morbidities: Focus on Early Life Stress. Handbook of Experimental Pharmacology, 2017, 239, 219-246.	0.9	52
150	Selective enrichment of dairy phospholipids in a buttermilk substrateÂthrough investigation of enzymatic hydrolysis of milkÂproteins in conjunction with ultrafiltration. International Dairy Journal, 2017, 68, 80-87.	1.5	24
151	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. Innovative Food Science and Emerging Technologies, 2017, 41, 301-306.	2.7	30
152	A psychology of the human brainâ€“gutâ€“microbiome axis. Social and Personality Psychology Compass, 2017, 11, e12309.	2.0	121
153	Bifidobacterium infantis 35624 and other probiotics in the management of irritable bowel syndrome. Strain specificity, symptoms, and mechanisms. Current Medical Research and Opinion, 2017, 33, 1349-1351.	0.9	24
154	The gut microbiota as a key regulator of visceral pain. Pain, 2017, 158, S19-S28.	2.0	63
155	Intervention strategies for cesarean sectionâ€“induced alterations in the microbiota-gut-brain axis. Nutrition Reviews, 2017, 75, 225-240.	2.6	73
156	Microbiota-Gut-Brain Axis: Modulator of Host Metabolism and Appetite. Journal of Nutrition, 2017, 147, 727-745.	1.3	280
157	Gut microbiota and attention deficit hyperactivity disorder: new perspectives for a challenging condition. European Child and Adolescent Psychiatry, 2017, 26, 1081-1092.	2.8	108
158	A systematic review of the psychobiological burden of informal caregiving for patients with dementia: Focus on cognitive and biological markers of chronic stress. Neuroscience and Biobehavioral Reviews, 2017, 73, 123-164.	2.9	165
159	The Role of the Gastrointestinal Microbiota in Visceral Pain. Handbook of Experimental Pharmacology, 2017, 239, 269-287.	0.9	47
160	Brainâ€“gutâ€“microbiota axis â€” mood, metabolism and behaviour. Nature Reviews Gastroenterology and Hepatology, 2017, 14, 69-70.	8.2	252
161	The Brain-Gut Axis Contributes to Neuroprogression in Stress-Related Disorders. Modern Problems of Pharmacopsychiatry, 2017, 31, 152-161.	2.5	17
162	Microbiota-related Changes in Bile Acid & Tryptophan Metabolism are Associated with Gastrointestinal Dysfunction in a Mouse Model of Autism. EBioMedicine, 2017, 24, 166-178.	2.7	261

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163	Hypertensive disorders of pregnancy and risk of neurodevelopmental disorders in the offspring: a systematic review and meta-analysis protocol. BMJ Open, 2017, 7, e018313.	0.8	17
164	The microbiotaâ€“gutâ€“brain axis in obesity. The Lancet Gastroenterology and Hepatology, 2017, 2, 747-756.	3.7	408
165	Microbial regulation of hippocampal miRNA expression: Implications for transcription of kynurenine pathway enzymes. Behavioural Brain Research, 2017, 334, 50-54.	1.2	44
166	Brain-Gut-Microbiota Axis and Mental Health. Psychosomatic Medicine, 2017, 79, 920-926.	1.3	210
167	Deficiency of essential dietary n-3 PUFA disrupts the caecal microbiome and metabolome in mice. British Journal of Nutrition, 2017, 118, 959-970.	1.2	40
168	Birth by caesarean section and school performance in Swedish adolescents- a population-based study. BMC Pregnancy and Childbirth, 2017, 17, 121.	0.9	27
169	Lost in translation? The potential psychobiotic Lactobacillus rhamnosus (JB-1) fails to modulate stress or cognitive performance in healthy male subjects. Brain, Behavior, and Immunity, 2017, 61, 50-59.	2.0	254
170	Feeding the microbiota-gut-brain axis: diet, microbiome, and neuropsychiatry. Translational Research, 2017, 179, 223-244.	2.2	351
171	Epistatic and Independent Effects on Schizophrenia-Related Phenotypes Following Co-disruption of the Risk Factors Neuregulin-1 Ã— DISC1. Schizophrenia Bulletin, 2017, 43, 214-225.	2.3	15
172	Omega-3 polyunsaturated fatty acids critically regulate behaviour and gut microbiota development in adolescence and adulthood. Brain, Behavior, and Immunity, 2017, 59, 21-37.	2.0	195
173	Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects. Nature Genetics, 2017, 49, 27-35.	9.4	838
174	True grit: the role of neuronal microRNAs as mediators of stress resilience. Current Opinion in Behavioral Sciences, 2017, 14, 9-18.	2.0	2
175	Electrophysiological approaches to unravel the neurobiological basis of appetite and satiety: use of the multielectrode array as a screening strategy. Drug Discovery Today, 2017, 22, 31-42.	3.2	5
176	Gut instincts: microbiota as a key regulator of brain development, ageing and neurodegeneration. Journal of Physiology, 2017, 595, 489-503.	1.3	520
177	Cross Talk: The Microbiota and Neurodevelopmental Disorders. Frontiers in Neuroscience, 2017, 11, 490.	1.4	194
178	Microbiota regulates visceral pain in the mouse. ELife, 2017, 6, .	2.8	117
179	Microbial regulation of microRNA expression in the amygdala and prefrontal cortex. Microbiome, 2017, 5, 102.	4.9	133
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