

# Timothy Dinan

## List of Publications by Year in descending order

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595  
papers

79,421  
citations

553

126  
h-index

640

256  
g-index

612  
all docs

612  
docs citations

612  
times ranked

59742  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological insights from 108 schizophrenia-associated genetic loci. <i>Nature</i> , 2014, 511, 421-427.	13.7	6,934
2	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
3	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
4	The Microbiota-Gut-Brain Axis. <i>Physiological Reviews</i> , 2019, 99, 1877-2013.	13.1	2,304
5	The microbiome-gut-brain axis during early life regulates the hippocampal serotonergic system in a sex-dependent manner. <i>Molecular Psychiatry</i> , 2013, 18, 666-673.	4.1	1,445
6	Composition, variability, and temporal stability of the intestinal microbiota of the elderly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4586-4591.	3.3	1,418
7	Serotonin, tryptophan metabolism and the brain-gut-microbiome axis. <i>Behavioural Brain Research</i> , 2015, 277, 32-48.	1.2	1,320
8	Transferring the blues: Depression-associated gut microbiota induces neurobehavioural changes in the rat. <i>Journal of Psychiatric Research</i> , 2016, 82, 109-118.	1.5	1,130
9	Modeling Linkage Disequilibrium Increases Accuracy of Polygenic Risk Scores. <i>American Journal of Human Genetics</i> , 2015, 97, 576-592.	2.6	1,098
10	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018, 360, .	6.0	1,085
11	Early Life Stress Alters Behavior, Immunity, and Microbiota in Rats: Implications for Irritable Bowel Syndrome and Psychiatric Illnesses. <i>Biological Psychiatry</i> , 2009, 65, 263-267.	0.7	956
12	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. <i>Nature</i> , 2022, 604, 502-508.	13.7	929
13	Psychobiotics: A Novel Class of Psychotropic. <i>Biological Psychiatry</i> , 2013, 74, 720-726.	0.7	917
14	Microbiota and neurodevelopmental windows: implications for brain disorders. <i>Trends in Molecular Medicine</i> , 2014, 20, 509-518.	3.5	852
15	Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects. <i>Nature Genetics</i> , 2017, 49, 27-35.	9.4	838
16	Minireview: Gut Microbiota: The Neglected Endocrine Organ. <i>Molecular Endocrinology</i> , 2014, 28, 1221-1238.	3.7	835
17	Effects of the probiotic <i>Bifidobacterium infantis</i> in the maternal separation model of depression. <i>Neuroscience</i> , 2010, 170, 1179-1188.	1.1	798
18	The probiotic <i>Bifidobacteria infantis</i> : An assessment of potential antidepressant properties in the rat. <i>Journal of Psychiatric Research</i> , 2008, 43, 164-174.	1.5	760

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19	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
20	Microbiota is essential for social development in the mouse. <i>Molecular Psychiatry</i> , 2014, 19, 146-148.	4.1	708
21	Brain?Gut?Microbe Communication in Health and Disease. <i>Frontiers in Physiology</i> , 2011, 2, 94.	1.3	698
22	Psychobiotics and the Manipulation of Bacteriaâ€“Gutâ€“Brain Signals. <i>Trends in Neurosciences</i> , 2016, 39, 763-781.	4.2	691
23	The Microbiome-Gut-Brain Axis in Health and Disease. <i>Gastroenterology Clinics of North America</i> , 2017, 46, 77-89.	1.0	678
24	The gut microbiome in neurological disorders. <i>Lancet Neurology</i> , The, 2020, 19, 179-194.	4.9	669
25	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
26	Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. <i>Cell</i> , 2018, 173, 1705-1715.e16.	13.5	623
27	Gut microbiota depletion from early adolescence in mice: Implications for brain and behaviour. <i>Brain, Behavior, and Immunity</i> , 2015, 48, 165-173.	2.0	572
28	Partitioning Heritability of Regulatory and Cell-Type-Specific Variants across 11 Common Diseases. <i>American Journal of Human Genetics</i> , 2014, 95, 535-552.	2.6	569
29	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
30	Hypothalamic-Pituitary-Gut Axis Dysregulation in Irritable Bowel Syndrome: Plasma Cytokines as a Potential Biomarker?. <i>Gastroenterology</i> , 2006, 130, 304-311.	0.6	544
31	Gut instincts: microbiota as a key regulator of brain development, ageing and neurodegeneration. <i>Journal of Physiology</i> , 2017, 595, 489-503.	1.3	520
32	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
33	Microbial genes, brain & behaviourâ€“Epigenetic regulation of the gutâ€“brain axis. <i>Genes, Brain and Behavior</i> , 2014, 13, 69-86.	1.1	495
34	Shortâ€“chain fatty acids: microbial metabolites that alleviate stressâ€“induced brainâ€“gut axis alterations. <i>Journal of Physiology</i> , 2018, 596, 4923-4944.	1.3	460
35	Regulation of prefrontal cortex myelination by the microbiota. <i>Translational Psychiatry</i> , 2016, 6, e774-e774.	2.4	459
36	Regulation of the stress response by the gut microbiota: Implications for psychoneuroendocrinology. <i>Psychoneuroendocrinology</i> , 2012, 37, 1369-1378.	1.3	455

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37	Growing up in a Bubble: Using Germ-Free Animals to Assess the Influence of the Gut Microbiota on Brain and Behavior. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw020.	1.0	419
38	Collective unconscious: How gut microbes shape human behavior. <i>Journal of Psychiatric Research</i> , 2015, 63, 1-9.	1.5	410
39	The microbiotaâ€“gutâ€“brain axis in obesity. <i>The Lancet Gastroenterology and Hepatology</i> , 2017, 2, 747-756.	3.7	408
40	The microbiome: A key regulator of stress and neuroinflammation. <i>Neurobiology of Stress</i> , 2016, 4, 23-33.	1.9	399
41	Mood and gut feelings. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 9-16.	2.0	385
42	Gut microbiota, obesity and diabetes. <i>Postgraduate Medical Journal</i> , 2016, 92, 286-300.	0.9	377
43	Adult Hippocampal Neurogenesis Is Regulated by the Microbiome. <i>Biological Psychiatry</i> , 2015, 78, e7-e9.	0.7	363
44	The microbiome: stress, health and disease. <i>Mammalian Genome</i> , 2014, 25, 49-74.	1.0	361
45	Anxiety, Depression, and the Microbiome: A Role for Gut Peptides. <i>Neurotherapeutics</i> , 2018, 15, 36-59.	2.1	358
46	Feeding the microbiota-gut-brain axis: diet, microbiome, and neuropsychiatry. <i>Translational Research</i> , 2017, 179, 223-244.	2.2	351
47	<i>Bifidobacterium longum</i> 1714 as a translational psychobiotic: modulation of stress, electrophysiology and neurocognition in healthy volunteers. <i>Translational Psychiatry</i> , 2016, 6, e939-e939.	2.4	350
48	<i>Bifidobacterium infantis</i> 35624 modulates host inflammatory processes beyond the gut. <i>Gut Microbes</i> , 2013, 4, 325-339.	4.3	342
49	Maternal separation as a model of brainâ€“gut axis dysfunction. <i>Psychopharmacology</i> , 2011, 214, 71-88.	1.5	339
50	Melancholic microbes: a link between gut microbiota and depression?. <i>Neurogastroenterology and Motility</i> , 2013, 25, 713-719.	1.6	337
51	<i>Bifidobacteria</i> exert strainâ€“specific effects on stressâ€“related behavior and physiology in <i>BALB/c</i> mice. <i>Neurogastroenterology and Motility</i> , 2014, 26, 1615-1627.	1.6	337
52	Gut Microbe to Brain Signaling: What Happens in Vagusâ€“ . <i>Neuron</i> , 2019, 101, 998-1002.	3.8	327
53	Glucocorticoids and the Genesis of Depressive Illness a Psychobiological Model. <i>British Journal of Psychiatry</i> , 1994, 164, 365-371.	1.7	319
54	Plasma cytokine profiles in depressed patients who fail to respond to selective serotonin reuptake inhibitor therapy. <i>Journal of Psychiatric Research</i> , 2007, 41, 326-331.	1.5	317

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55	Prolactin and dopamine: What is the connection? A Review Article. <i>Journal of Psychopharmacology</i> , 2008, 22, 12-19.	2.0	310
56	Bifidobacteria modulate cognitive processes in an anxious mouse strain. <i>Behavioural Brain Research</i> , 2015, 287, 59-72.	1.2	296
57	The Trier Social Stress Test: Principles and practice. <i>Neurobiology of Stress</i> , 2017, 6, 113-126.	1.9	294
58	Microbiota-Gut-Brain Axis: Modulator of Host Metabolism and Appetite. <i>Journal of Nutrition</i> , 2017, 147, 727-745.	1.3	280
59	Microbiota and the social brain. <i>Science</i> , 2019, 366, .	6.0	279
60	Serotonin and the regulation of hypothalamic-pituitary-adrenal axis function. <i>Life Sciences</i> , 1996, 58, 1683-1694.	2.0	275
61	Cytokines: abnormalities in major depression and implications for pharmacological treatment. <i>Human Psychopharmacology</i> , 2004, 19, 397-403.	0.7	271
62	Cytokine profiles in bipolar affective disorder: Focus on acutely ill patients. <i>Journal of Affective Disorders</i> , 2006, 90, 263-267.	2.0	269
63	Adult microbiota-deficient mice have distinct dendritic morphological changes: differential effects in the amygdala and hippocampus. <i>European Journal of Neuroscience</i> , 2016, 44, 2654-2666.	1.2	263
64	Stress and the Microbiota-Gut-Brain Axis in Visceral Pain: Relevance to Irritable Bowel Syndrome. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 102-117.	1.9	262
65	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
66	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
67	Brain-gut-microbiota axis mood, metabolism and behaviour. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017, 14, 69-70.	8.2	252
68	Review: A systematic review of hypothalamic-pituitary-adrenal axis function in schizophrenia: implications for mortality. <i>Journal of Psychopharmacology</i> , 2010, 24, 91-118.	2.0	251
69	Irritable bowel syndrome: A microbiome-gut-brain axis disorder?. <i>World Journal of Gastroenterology</i> , 2014, 20, 14105.	1.4	249
70	The Impact of Microbiota on Brain and Behavior: Mechanisms & Therapeutic Potential. <i>Advances in Experimental Medicine and Biology</i> , 2014, 817, 373-403.	0.8	247
71	Bacterial Neuroactive Compounds Produced by Psychobiotics. <i>Advances in Experimental Medicine and Biology</i> , 2014, 817, 221-239.	0.8	245
72	Vasopressin and the regulation of hypothalamic-pituitary-adrenal axis function: Implications for the pathophysiology of depression. <i>Life Sciences</i> , 1998, 62, 1985-1998.	2.0	242

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73	Gender-dependent consequences of chronic olanzapine in the rat: effects on body weight, inflammatory, metabolic and microbiota parameters. <i>Psychopharmacology</i> , 2012, 221, 155-169.	1.5	231
74	Recent developments in understanding the role of the gut microbiota in brain health and disease. <i>Annals of the New York Academy of Sciences</i> , 2018, 1420, 5-25.	1.8	227
75	Microbiota-Gut-Brain Axis: New Therapeutic Opportunities. <i>Annual Review of Pharmacology and Toxicology</i> , 2020, 60, 477-502.	4.2	227
76	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
77	Disturbance of the gut microbiota in early-life selectively affects visceral pain in adulthood without impacting cognitive or anxiety-related behaviors in male rats. <i>Neuroscience</i> , 2014, 277, 885-901.	1.1	222
78	May the Force Be With You: The Light and Dark Sides of the Microbiotaâ€“Gutâ€“Brain Axis in Neuropsychiatry. <i>CNS Drugs</i> , 2016, 30, 1019-1041.	2.7	218
79	The Neuroendocrinology of the Microbiota-Gut-Brain Axis: A Behavioural Perspective. <i>Frontiers in Neuroendocrinology</i> , 2018, 51, 80-101.	2.5	218
80	The impact of gut microbiota on brain and behaviour. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2015, 18, 552-558.	1.3	212
81	Gut Reactions: Breaking Down Xenobioticâ€“Microbiome Interactions. <i>Pharmacological Reviews</i> , 2019, 71, 198-224.	7.1	211
82	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
83	Brain-Gut-Microbiota Axis and Mental Health. <i>Psychosomatic Medicine</i> , 2017, 79, 920-926.	1.3	210
84	Microbiota Regulation of the Mammalian Gutâ€“Brain Axis. <i>Advances in Applied Microbiology</i> , 2015, 91, 1-62.	1.3	207
85	Communication between gastrointestinal bacteria and the nervous system. <i>Current Opinion in Pharmacology</i> , 2012, 12, 667-672.	1.7	203
86	Antipsychotics and the gut microbiome: olanzapine-induced metabolic dysfunction is attenuated by antibiotic administration in the rat. <i>Translational Psychiatry</i> , 2013, 3, e309-e309.	2.4	201
87	Behavioural and neurochemical consequences of chronic gut microbiota depletion during adulthood in the rat. <i>Neuroscience</i> , 2016, 339, 463-477.	1.1	196
88	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
89	Ghrelin signalling and obesity: At the interface of stress, mood and food reward. , 2012, 135, 316-326.		194
90	The intestinal microbiome, probiotics and prebiotics in neurogastroenterology. <i>Gut Microbes</i> , 2013, 4, 17-27.	4.3	194

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91	Cross Talk: The Microbiota and Neurodevelopmental Disorders. <i>Frontiers in Neuroscience</i> , 2017, 11, 490.	1.4	194
92	Blunted Prolactin Responses to d-Fenfluramine in Sociopathy. <i>British Journal of Psychiatry</i> , 1992, 160, 643-646.	1.7	179
93	Research Review: Birth by caesarean section and development of autism spectrum disorder and attention-deficit/hyperactivity disorder: a systematic review and meta-analysis. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 500-508.	3.1	178
94	Exciting Times beyond the Brain: Metabotropic Glutamate Receptors in Peripheral and Non-Neural Tissues. <i>Pharmacological Reviews</i> , 2011, 63, 35-58.	7.1	177
95	Inflammatory markers in depression. <i>Current Opinion in Psychiatry</i> , 2009, 22, 32-36.	3.1	175
96	Review article: probiotics for the treatment of irritable bowel syndrome – focus on lactic acid bacteria. <i>Alimentary Pharmacology and Therapeutics</i> , 2012, 35, 403-413.	1.9	175
97	Microbes, Immunity, and Behavior: Psychoneuroimmunology Meets the Microbiome. <i>Neuropsychopharmacology</i> , 2017, 42, 178-192.	2.8	174
98	Changes in immunoglobulin, complement and acute phase protein levels in the depressed patients and normal controls. <i>Journal of Affective Disorders</i> , 1994, 30, 283-288.	2.0	173
99	Association of Hypertensive Disorders of Pregnancy With Risk of Neurodevelopmental Disorders in Offspring. <i>JAMA Psychiatry</i> , 2018, 75, 809.	6.0	172
100	Interactions between antidepressants and P-glycoprotein at the blood-brain barrier: clinical significance of <i>in vitro</i> and <i>in vivo</i> findings. <i>British Journal of Pharmacology</i> , 2012, 165, 289-312.	2.7	171
101	The probiotic <i>Bifidobacterium infantis</i> 35624 displays visceral antinociceptive effects in the rat. <i>Neurogastroenterology and Motility</i> , 2010, 22, 1029.	1.6	170
102	Differential effects of psychotropic drugs on microbiome composition and gastrointestinal function. <i>Psychopharmacology</i> , 2019, 236, 1671-1685.	1.5	170
103	Probiotic modulation of the microbiota-gut-brain axis and behaviour in zebrafish. <i>Scientific Reports</i> , 2016, 6, 30046.	1.6	165
104	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
105	Genomics of schizophrenia: time to consider the gut microbiome?. <i>Molecular Psychiatry</i> , 2014, 19, 1252-1257.	4.1	163
106	Gut Microbiota: The Conductor in the Orchestra of Immune-Neuroendocrine Communication. <i>Clinical Therapeutics</i> , 2015, 37, 954-967.	1.1	163
107	Food for thought: The role of nutrition in the microbiota-gut-brain axis. <i>Clinical Nutrition Experimental</i> , 2016, 6, 25-38.	2.0	163
108	Irritable bowel syndrome: towards biomarker identification. <i>Trends in Molecular Medicine</i> , 2009, 15, 478-489.	3.5	160

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109	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
110	Brain-gut-microbiota axis: challenges for translation in psychiatry. <i>Annals of Epidemiology</i> , 2016, 26, 366-372.	0.9	157
111	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
112	Gut memories: Towards a cognitive neurobiology of irritable bowel syndrome. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 310-340.	2.9	155
113	Early-life adversity and brain development: Is the microbiome a missing piece of the puzzle?. <i>Neuroscience</i> , 2017, 342, 37-54.	1.1	155
114	Increased intra-abdominal fat deposition in patients with major depressive illness as measured by computed tomography. <i>Biological Psychiatry</i> , 1997, 41, 1140-1142.	0.7	154
115	Depression's Unholy Trinity: Dysregulated Stress, Immunity, and the Microbiome. <i>Annual Review of Psychology</i> , 2020, 71, 49-78.	9.9	152
116	Probiotics and the Microbiota-Gut-Brain Axis: Focus on Psychiatry. <i>Current Nutrition Reports</i> , 2020, 9, 171-182.	2.1	151
117	Mucosal cytokine imbalance in irritable bowel syndrome. <i>Scandinavian Journal of Gastroenterology</i> , 2008, 43, 1467-1476.	0.6	150
118	A gut (microbiome) feeling about the brain. <i>Current Opinion in Gastroenterology</i> , 2016, 32, 96-102.	1.0	150
119	The Microbiome in Psychology and Cognitive Neuroscience. <i>Trends in Cognitive Sciences</i> , 2018, 22, 611-636.	4.0	148
120	Plasma Cytokine Profiles in Females With Irritable Bowel Syndrome and Extra-Intestinal Co-Morbidity. <i>American Journal of Gastroenterology</i> , 2010, 105, 2235-2243.	0.2	146
121	Programming Bugs: Microbiota and the Developmental Origins of Brain Health and Disease. <i>Biological Psychiatry</i> , 2019, 85, 150-163.	0.7	146
122	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
123	Resilience and immunity. <i>Brain, Behavior, and Immunity</i> , 2018, 74, 28-42.	2.0	143
124	Making Sense of the Microbiome in Psychiatry. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 37-52.	1.0	142
125	High-fat diet selectively protects against the effects of chronic social stress in the mouse. <i>Neuroscience</i> , 2011, 192, 351-360.	1.1	141
126	Region specific decrease in glial fibrillary acidic protein immunoreactivity in the brain of a rat model of depression. <i>Neuroscience</i> , 2009, 159, 915-925.	1.1	137



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127	Antidepressant therapy and C-reactive protein levels. <i>British Journal of Psychiatry</i> , 2006, 188, 449-452.	1.7	136
128	Microbial regulation of microRNA expression in the amygdala and prefrontal cortex. <i>Microbiome</i> , 2017, 5, 102.	4.9	133
129	Microbiota from young mice counteracts selective age-associated behavioral deficits. <i>Nature Aging</i> , 2021, 1, 666-676.	5.3	132
130	Little things on which happiness depends: microRNAs as novel therapeutic targets for the treatment of anxiety and depression. <i>Molecular Psychiatry</i> , 2012, 17, 359-376.	4.1	128
131	You've got male: Sex and the microbiota-gut-brain axis across the lifespan. <i>Frontiers in Neuroendocrinology</i> , 2020, 56, 100815.	2.5	128
132	5-HT <sub>2A</sub> receptor/prolactin response throughout the menstrual cycle: evidence for an oestrogen-induced alteration. <i>Clinical Endocrinology</i> , 1991, 34, 289-292.	1.2	127
133	Gut microbiota, the probiotics they produce and host health. <i>Proceedings of the Nutrition Society</i> , 2014, 73, 477-489.	0.4	126
134	Immune modulation of the brain-gut-microbe axis. <i>Frontiers in Microbiology</i> , 2014, 5, 146.	1.5	125
135	Diet and the Microbiota-Gut-Brain Axis: Sowing the Seeds of Good Mental Health. <i>Advances in Nutrition</i> , 2021, 12, 1239-1285.	2.9	125
136	Promiscuous Dimerization of the Growth Hormone Secretagogue Receptor (GHS-R1a) Attenuates Ghrelin-mediated Signaling. <i>Journal of Biological Chemistry</i> , 2013, 288, 181-191.	1.6	123
137	Enhanced Cholinergic-Mediated Increase in the Pro-Inflammatory Cytokine IL-6 in Irritable Bowel Syndrome: Role of Muscarinic Receptors. <i>American Journal of Gastroenterology</i> , 2008, 103, 2570-2576.	0.2	122
138	A psychology of the human brain-gut-microbiome axis. <i>Social and Personality Psychology Compass</i> , 2017, 11, e12309.	2.0	121
139	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.	2.6	119
140	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
141	Cortisol synthesis inhibition: A new treatment strategy for the clinical and endocrine manifestations of depression. <i>Biological Psychiatry</i> , 1995, 37, 364-368.	0.7	118
142	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
143	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
144	Microbiota regulates visceral pain in the mouse. <i>ELife</i> , 2017, 6, .	2.8	117

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145	“Killing the Blues” A role for cellular suicide (apoptosis) in depression and the antidepressant response?. <i>Progress in Neurobiology</i> , 2009, 88, 246-263.	2.8	116
146	Do interactions between stress and immune responses lead to symptom exacerbations in irritable bowel syndrome?. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 1333-1341.	2.0	113
147	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
148	Tryptophan degradation in irritable bowel syndrome: evidence of indoleamine 2,3-dioxygenase activation in a male cohort. <i>BMC Gastroenterology</i> , 2009, 9, 6.	0.8	109
149	Distinct alterations in colonic morphology and physiology in two rat models of enhanced stress-induced anxiety and depression-like behaviour. <i>Stress</i> , 2010, 13, 114-122.	0.8	109
150	Contrasting effects of <i>Bifidobacterium breve</i> NCIMB 702258 and <i>Bifidobacterium breve</i> DPC 6330 on the composition of murine brain fatty acids and gut microbiota. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 1278-1287.	2.2	109
151	Psychotropics and the Microbiome: a Chamber of Secrets. <i>Psychopharmacology</i> , 2019, 236, 1411-1432.	1.5	109
152	Association Between Obstetric Mode of Delivery and Autism Spectrum Disorder. <i>JAMA Psychiatry</i> , 2015, 72, 935.	6.0	108
153	Gut microbiota and attention deficit hyperactivity disorder: new perspectives for a challenging condition. <i>European Child and Adolescent Psychiatry</i> , 2017, 26, 1081-1092.	2.8	108
154	A review of Atypical depression in relation to the course of depression and changes in HPA axis organization. <i>Psychoneuroendocrinology</i> , 2012, 37, 1589-1599.	1.3	107
155	Adding fuel to the fire: the impact of stress on the ageing brain. <i>Trends in Neurosciences</i> , 2015, 38, 13-25.	4.2	107
156	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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