

Timothy Dinan

List of Publications by Citations

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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	Biological insights from 108 schizophrenia-associated genetic loci. <i>Nature</i> , 2014 , 511, 421-7	50.4	5249
577	Mind-altering microorganisms: the impact of the gut microbiota on brain and behaviour. <i>Nature Reviews Neuroscience</i> , 2012 , 13, 701-12	13.5	2367
576	Ingestion of Lactobacillus 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, 16050-5	11.5	2017
575	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 Suppl 1, 4586-91	11.5	1105
574	The microbiome-gut-brain axis during early life regulates the hippocampal serotonergic system in a sex-dependent manner. <i>Molecular Psychiatry</i> , 2013 , 18, 666-73	15.1	1040
573	The Microbiota-Gut-Brain Axis. <i>Physiological Reviews</i> , 2019 , 99, 1877-2013	47.9	979
572	Serotonin, tryptophan metabolism and the brain-gut-microbiome axis. <i>Behavioural Brain Research</i> , 2015 , 277, 32-48	3.4	907
571	Early life stress alters behavior, immunity, and microbiota in rats: implications for irritable bowel syndrome and psychiatric illnesses. <i>Biological Psychiatry</i> , 2009 , 65, 263-7	7.9	781
570	Transferring the blues: Depression-associated gut microbiota induces neurobehavioural changes in the rat. <i>Journal of Psychiatric Research</i> , 2016 , 82, 109-18	5.2	736
569	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018 , 360,	33.3	666
568	Modeling Linkage Disequilibrium Increases Accuracy of Polygenic Risk Scores. <i>American Journal of Human Genetics</i> , 2015 , 97, 576-92	11	649
567	Psychobiotics: a novel class of psychotropic. <i>Biological Psychiatry</i> , 2013 , 74, 720-6	7.9	645
566	Effects of the probiotic Bifidobacterium infantis in the maternal separation model of depression. <i>Neuroscience</i> , 2010 , 170, 1179-88	3.9	630
565	Microbiota and neurodevelopmental windows: implications for brain disorders. <i>Trends in Molecular Medicine</i> , 2014 , 20, 509-18	11.5	617
564	The probiotic Bifidobacteria infantis: An assessment of potential antidepressant properties in the rat. <i>Journal of Psychiatric Research</i> , 2008 , 43, 164-74	5.2	586
563	Minireview: Gut microbiota: the neglected endocrine organ. <i>Molecular Endocrinology</i> , 2014 , 28, 1221-38		584
562	Microbiota is essential for social development in the mouse. <i>Molecular Psychiatry</i> , 2014 , 19, 146-8	15.1	551

561	Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects. <i>Nature Genetics</i> , 2017 , 49, 27-35	36.3	530
560	Breaking down the barriers: the gut microbiome, intestinal permeability and stress-related psychiatric disorders. <i>Frontiers in Cellular Neuroscience</i> , 2015 , 9, 392	6.1	514
559	Brain-gut-microbe communication in health and disease. <i>Frontiers in Physiology</i> , 2011 , 2, 94	4.6	512
558	Hypothalamic-pituitary-gut axis dysregulation in irritable bowel syndrome: plasma cytokines as a potential biomarker?. <i>Gastroenterology</i> , 2006 , 130, 304-11	13.3	479
557	Psychobiotics and the Manipulation of Bacteria-Gut-Brain Signals. <i>Trends in Neurosciences</i> , 2016 , 39, 763-781	17.3	446
556	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
555	The Microbiome-Gut-Brain Axis in Health and Disease. <i>Gastroenterology Clinics of North America</i> , 2017 , 46, 77-89	4.4	425
554	Partitioning heritability of regulatory and cell-type-specific variants across 11 common diseases. <i>American Journal of Human Genetics</i> , 2014 , 95, 535-52	11	411
553	Gut microbiota depletion from early adolescence in mice: Implications for brain and behaviour. <i>Brain, Behavior, and Immunity</i> , 2015 , 48, 165-73	16.6	405
552	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	9	379
551	Microbial genes, brain & behaviour - epigenetic regulation of the gut-brain axis. <i>Genes, Brain and Behavior</i> , 2014 , 13, 69-86	3.6	377
550	Regulation of the stress response by the gut microbiota: implications for psychoneuroendocrinology. <i>Psychoneuroendocrinology</i> , 2012 , 37, 1369-78	5	362
549	Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. <i>Cell</i> , 2018 , 173, 1705-1715.e16	56.2	360
548	The neuropharmacology of butyrate: The bread and butter of the microbiota-gut-brain axis?. <i>Neurochemistry International</i> , 2016 , 99, 110-132	4.4	353
547	Gut instincts: microbiota as a key regulator of brain development, ageing and neurodegeneration. <i>Journal of Physiology</i> , 2017 , 595, 489-503	3.9	342
546	Regulation of prefrontal cortex myelination by the microbiota. <i>Translational Psychiatry</i> , 2016 , 6, e774	8.6	311
545	Collective unconscious: how gut microbes shape human behavior. <i>Journal of Psychiatric Research</i> , 2015 , 63, 1-9	5.2	300
544	Mood and gut feelings. <i>Brain, Behavior, and Immunity</i> , 2010 , 24, 9-16	16.6	291

543	Glucocorticoids and the genesis of depressive illness. A psychobiological model. <i>British Journal of Psychiatry</i> , 1994 , 164, 365-71	5.4	291
542	The microbiome: stress, health and disease. <i>Mammalian Genome</i> , 2014 , 25, 49-74	3.2	285
541	Plasma cytokine profiles in depressed patients who fail to respond to selective serotonin reuptake inhibitor therapy. <i>Journal of Psychiatric Research</i> , 2007 , 41, 326-31	5.2	281
540	The microbiome: A key regulator of stress and neuroinflammation. <i>Neurobiology of Stress</i> , 2016 , 4, 23-33	7.6	276
539	Maternal separation as a model of brain-gut axis dysfunction. <i>Psychopharmacology</i> , 2011 , 214, 71-88	4.7	275
538	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,	5.8	270
537	The gut microbiome in neurological disorders. <i>Lancet Neurology</i> , 2020 , 19, 179-194	24.1	265
536	Melancholic microbes: a link between gut microbiota and depression?. <i>Neurogastroenterology and Motility</i> , 2013 , 25, 713-9	4	263
535	Bifidobacteria exert strain-specific effects on stress-related behavior and physiology in BALB/c mice. <i>Neurogastroenterology and Motility</i> , 2014 , 26, 1615-27	4	255
534	Adult Hippocampal Neurogenesis Is Regulated by the Microbiome. <i>Biological Psychiatry</i> , 2015 , 78, e7-9	7.9	247
533	<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	8.6	243
532	Feeding the microbiota-gut-brain axis: diet, microbiome, and neuropsychiatry. <i>Translational Research</i> , 2017 , 179, 223-244	11	243
531	The microbiota-gut-brain axis in obesity. <i>The Lancet Gastroenterology and Hepatology</i> , 2017 , 2, 747-756	18.8	242
530	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
529	Serotonin and the regulation of hypothalamic-pituitary-adrenal axis function. <i>Life Sciences</i> , 1996 , 58, 1683-94	6.8	236
528	Cytokine profiles in bipolar affective disorder: focus on acutely ill patients. <i>Journal of Affective Disorders</i> , 2006 , 90, 263-7	6.6	235
527	Prolactin and dopamine: what is the connection? A review article. <i>Journal of Psychopharmacology</i> , 2008 , 22, 12-9	4.6	233
526	<i>Bifidobacterium infantis</i> 35624 modulates host inflammatory processes beyond the gut. <i>Gut Microbes</i> , 2013 , 4, 325-39	8.8	229

525	Gut microbiota, obesity and diabetes. <i>Postgraduate Medical Journal</i> , 2016 , 92, 286-300	2	225
524	Bifidobacteria modulate cognitive processes in an anxious mouse strain. <i>Behavioural Brain Research</i> , 2015 , 287, 59-72	3.4	224
523	Cytokines: abnormalities in major depression and implications for pharmacological treatment. <i>Human Psychopharmacology</i> , 2004 , 19, 397-403	2.3	219
522	Anxiety, Depression, and the Microbiome: A Role for Gut Peptides. <i>Neurotherapeutics</i> , 2018 , 15, 36-59	6.4	218
521	Review: A systematic review of hypothalamic-pituitary-adrenal axis function in schizophrenia: implications for mortality. <i>Journal of Psychopharmacology</i> , 2010 , 24, 91-118	4.6	209
520	Vasopressin and the regulation of hypothalamic-pituitary-adrenal axis function: implications for the pathophysiology of depression. <i>Life Sciences</i> , 1998 , 62, 1985-98	6.8	206
519	The impact of microbiota on brain and behavior: mechanisms & therapeutic potential. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 817, 373-403	3.6	197
518	Irritable bowel syndrome: a microbiome-gut-brain axis disorder?. <i>World Journal of Gastroenterology</i> , 2014 , 20, 14105-25	5.6	195
517	Gender-dependent consequences of chronic olanzapine in the rat: effects on body weight, inflammatory, metabolic and microbiota parameters. <i>Psychopharmacology</i> , 2012 , 221, 155-69	4.7	191
516	Bacterial neuroactive compounds produced by psychobiotics. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 817, 221-39	3.6	189
515	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	3.9	185
514	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	16.6	182
513	The Trier Social Stress Test: Principles and practice. <i>Neurobiology of Stress</i> , 2017 , 6, 113-126	7.6	179
512	Microbiota-Gut-Brain Axis: Modulator of Host Metabolism and Appetite. <i>Journal of Nutrition</i> , 2017 , 147, 727-745	4.1	179
511	Gut Microbe to Brain Signaling: What Happens in Vagus? <i>Neuron</i> , 2019 , 101, 998-1002	13.9	178
510	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	3.5	178
509	Stress and the Microbiota-Gut-Brain Axis in Visceral Pain: Relevance to Irritable Bowel Syndrome. <i>CNS Neuroscience and Therapeutics</i> , 2016 , 22, 102-17	6.8	178
508	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

507	Blunted prolactin responses to d-fenfluramine in sociopathy. Evidence for subsensitivity of central serotonergic function. <i>British Journal of Psychiatry</i> , 1992 , 160, 643-6	5.4	169
506	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
505	Prenatal stress-induced alterations in major physiological systems correlate with gut microbiota composition in adulthood. <i>Psychoneuroendocrinology</i> , 2015 , 60, 58-74	5	168
504	May the Force Be With You: The Light and Dark Sides of the Microbiota-Gut-Brain Axis in Neuropsychiatry. <i>CNS Drugs</i> , 2016 , 30, 1019-1041	6.7	161
503	Microbes & neurodevelopment--Absence of microbiota during early life increases activity-related transcriptional pathways in the amygdala. <i>Brain, Behavior, and Immunity</i> , 2015 , 50, 209-220	16.6	160
502	Communication between gastrointestinal bacteria and the nervous system. <i>Current Opinion in Pharmacology</i> , 2012 , 12, 667-72	5.1	160
501	Microbiota regulation of the Mammalian gut-brain axis. <i>Advances in Applied Microbiology</i> , 2015 , 91, 1-62	4.9	159
500	Ghrelin signalling and obesity: at the interface of stress, mood and food reward. <i>Pharmacology & Therapeutics</i> , 2012 , 135, 316-26	13.9	159
499	Antipsychotics and the gut microbiome: olanzapine-induced metabolic dysfunction is attenuated by antibiotic administration in the rat. <i>Translational Psychiatry</i> , 2013 , 3, e309	8.6	157
498	Changes in immunoglobulin, complement and acute phase protein levels in the depressed patients and normal controls. <i>Journal of Affective Disorders</i> , 1994 , 30, 283-8	6.6	157
497	The intestinal microbiome, probiotics and prebiotics in neurogastroenterology. <i>Gut Microbes</i> , 2013 , 4, 17-27	8.8	155
496	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
495	The impact of gut microbiota on brain and behaviour: implications for psychiatry. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2015 , 18, 552-8	3.8	149
494	Review article: probiotics for the treatment of irritable bowel syndrome--focus on lactic acid bacteria. <i>Alimentary Pharmacology and Therapeutics</i> , 2012 , 35, 403-13	6.1	149
493	Inflammatory markers in depression. <i>Current Opinion in Psychiatry</i> , 2009 , 22, 32-6	4.9	146
492	Exciting times beyond the brain: metabotropic glutamate receptors in peripheral and non-neural tissues. <i>Pharmacological Reviews</i> , 2011 , 63, 35-58	22.5	143
491	Microbiota and the social brain. <i>Science</i> , 2019 , 366,	33.3	142
490	Irritable bowel syndrome: towards biomarker identification. <i>Trends in Molecular Medicine</i> , 2009 , 15, 478-82	22.5	141

489	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	16.6	139
488	The probiotic <i>Bifidobacterium infantis</i> 35624 displays visceral antinociceptive effects in the rat. <i>Neurogastroenterology and Motility</i> , 2010 , 22, 1029-35, e268	4	139
487	Cross Talk: The Microbiota and Neurodevelopmental Disorders. <i>Frontiers in Neuroscience</i> , 2017 , 11, 490	5.1	137
486	Gut Reactions: Breaking Down Xenobiotic-Microbiome Interactions. <i>Pharmacological Reviews</i> , 2019 , 71, 198-224	22.5	135
485	Interactions between antidepressants and P-glycoprotein at the blood-brain barrier: clinical significance of in vitro and in vivo findings. <i>British Journal of Pharmacology</i> , 2012 , 165, 289-312	8.6	135
484	Increased intra-abdominal fat deposition in patients with major depressive illness as measured by computed tomography. <i>Biological Psychiatry</i> , 1997 , 41, 1140-2	7.9	130
483	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, 500-8	7.9	129
482	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	6.6	129
481	Brain-Gut-Microbiota Axis and Mental Health. <i>Psychosomatic Medicine</i> , 2017 , 79, 920-926	3.7	129
480	Behavioural and neurochemical consequences of chronic gut microbiota depletion during adulthood in the rat. <i>Neuroscience</i> , 2016 , 339, 463-477	3.9	129
479	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
478	Genomics of schizophrenia: time to consider the gut microbiome?. <i>Molecular Psychiatry</i> , 2014 , 19, 1252-7	5.1	125
477	Plasma cytokine profiles in females with irritable bowel syndrome and extra-intestinal co-morbidity. <i>American Journal of Gastroenterology</i> , 2010 , 105, 2235-43	0.7	125
476	Mucosal cytokine imbalance in irritable bowel syndrome. <i>Scandinavian Journal of Gastroenterology</i> , 2008 , 43, 1467-76	2.4	125
475	High-fat diet selectively protects against the effects of chronic social stress in the mouse. <i>Neuroscience</i> , 2011 , 192, 351-60	3.9	123
474	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
473	Gut Microbiota: The Conductor in the Orchestra of Immune-Neuroendocrine Communication. <i>Clinical Therapeutics</i> , 2015 , 37, 954-67	3.5	122
472	The Neuroendocrinology of the Microbiota-Gut-Brain Axis: A Behavioural Perspective. <i>Frontiers in Neuroendocrinology</i> , 2018 , 51, 80-101	8.9	122

471	Antidepressant therapy and C-reactive protein levels. <i>British Journal of Psychiatry</i> , 2006 , 188, 449-52	5.4	121
470	Brain-gut-microbiota axis: challenges for translation in psychiatry. <i>Annals of Epidemiology</i> , 2016 , 26, 366-72	7.4	120
469	Gut memories: towards a cognitive neurobiology of irritable bowel syndrome. <i>Neuroscience and Biobehavioral Reviews</i> , 2012 , 36, 310-40	9	120
468	Microbes, Immunity, and Behavior: Psychoneuroimmunology Meets the Microbiome. <i>Neuropsychopharmacology</i> , 2017 , 42, 178-192	8.7	119
467	Region specific decrease in glial fibrillary acidic protein immunoreactivity in the brain of a rat model of depression. <i>Neuroscience</i> , 2009 , 159, 915-25	3.9	115
466	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
465	d-fenfluramine/prolactin response throughout the menstrual cycle: evidence for an oestrogen-induced alteration. <i>Clinical Endocrinology</i> , 1991 , 34, 289-92	3.4	114
464	Microbiota-Gut-Brain Axis: New Therapeutic Opportunities. <i>Annual Review of Pharmacology and Toxicology</i> , 2020 , 60, 477-502	17.9	112
463	Food for thought: The role of nutrition in the microbiota-gut-brain axis. <i>Clinical Nutrition Experimental</i> , 2016 , 6, 25-38	2	109
462	N-3 Polyunsaturated Fatty Acids (PUFAs) Reverse the Impact of Early-Life Stress on the Gut Microbiota. <i>PLoS ONE</i> , 2015 , 10, e0139721	3.7	108
461	Little things on which happiness depends: microRNAs as novel therapeutic targets for the treatment of anxiety and depression. <i>Molecular Psychiatry</i> , 2012 , 17, 359-76	15.1	108
460	Promiscuous dimerization of the growth hormone secretagogue receptor (GHS-R1a) attenuates ghrelin-mediated signaling. <i>Journal of Biological Chemistry</i> , 2013 , 288, 181-91	5.4	107
459	"Killing the Blues": a role for cellular suicide (apoptosis) in depression and the antidepressant response?. <i>Progress in Neurobiology</i> , 2009 , 88, 246-63	10.9	106
458	A gut (microbiome) feeling about the brain. <i>Current Opinion in Gastroenterology</i> , 2016 , 32, 96-102	3	106
457	Cortisol synthesis inhibition: a new treatment strategy for the clinical and endocrine manifestations of depression. <i>Biological Psychiatry</i> , 1995 , 37, 364-8	7.9	104
456	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, 2570-6	0.7	102
455	Programming Bugs: Microbiota and the Developmental Origins of Brain Health and Disease. <i>Biological Psychiatry</i> , 2019 , 85, 150-163	7.9	101
454	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	5.9	101

453	Stress-induced visceral pain: toward animal models of irritable-bowel syndrome and associated comorbidities. <i>Frontiers in Psychiatry</i> , 2015 , 6, 15	5	98
452	The Microbiome in Psychology and Cognitive Neuroscience. <i>Trends in Cognitive Sciences</i> , 2018 , 22, 611-636		97
451	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
450	Differential effects of psychotropic drugs on microbiome composition and gastrointestinal function. <i>Psychopharmacology</i> , 2019 , 236, 1671-1685	4.7	95
449	Microbial regulation of microRNA expression in the amygdala and prefrontal cortex. <i>Microbiome</i> , 2017 , 5, 102	16.6	94
448	Making Sense of the Microbiome in Psychiatry. <i>International Journal of Neuropsychopharmacology</i> , 2019 , 22, 37-52	5.8	94
447	Contrasting effects of Bifidobacterium breve NCIMB 702258 and Bifidobacterium breve DPC 6330 on the composition of murine brain fatty acids and gut microbiota. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 1278-87	7	94
446	Do interactions between stress and immune responses lead to symptom exacerbations in irritable bowel syndrome?. <i>Brain, Behavior, and Immunity</i> , 2011 , 25, 1333-41	16.6	94
445	A natural solution for obesity: bioactives for the prevention and treatment of weight gain. A review. <i>Nutritional Neuroscience</i> , 2015 , 18, 49-65	3.6	91
444	Gut microbiota, the pharmabiotics they produce and host health. <i>Proceedings of the Nutrition Society</i> , 2014 , 73, 477-89	2.9	91
443	Immune modulation of the brain-gut-microbe axis. <i>Frontiers in Microbiology</i> , 2014 , 5, 146	5.7	91
442	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, 114-22	3	89
441	Tryptophan degradation in irritable bowel syndrome: evidence of indoleamine 2,3-dioxygenase activation in a male cohort. <i>BMC Gastroenterology</i> , 2009 , 9, 6	3	89
440	Anatomy of melancholia: focus on hypothalamic-pituitary-adrenal axis overactivity and the role of vasopressin. <i>Journal of Anatomy</i> , 2005 , 207, 259-64	2.9	89
439	Probiotic modulation of the microbiota-gut-brain axis and behaviour in zebrafish. <i>Scientific Reports</i> , 2016 , 6, 30046	4.9	89
438	Lean mean fat reducing "ghrelin" machine: hypothalamic ghrelin and ghrelin receptors as therapeutic targets in obesity. <i>Neuropharmacology</i> , 2010 , 58, 2-16	5.5	88
437	Urinary free cortisol excretion in chronic fatigue syndrome, major depression and in healthy volunteers. <i>Journal of Affective Disorders</i> , 1998 , 47, 49-54	6.6	88
436	Adding fuel to the fire: the impact of stress on the ageing brain. <i>Trends in Neurosciences</i> , 2015 , 38, 13-25	13.3	84

435	Association Between Obstetric Mode of Delivery and Autism Spectrum Disorder: A Population-Based Sibling Design Study. <i>JAMA Psychiatry</i> , 2015 , 72, 935-42	14.5	83
434	Ghrelin's Orexigenic Effect Is Modulated via a Serotonin 2C Receptor Interaction. <i>ACS Chemical Neuroscience</i> , 2015 , 6, 1186-97	5.7	83
433	More than a gut feeling: the microbiota regulates neurodevelopment and behavior. <i>Neuropsychopharmacology</i> , 2015 , 40, 241-2	8.7	82
432	A psychology of the human brain-gut-microbiome axis. <i>Social and Personality Psychology Compass</i> , 2017 , 11, e12309	3	81
431	A review of Atypical depression in relation to the course of depression and changes in HPA axis organization. <i>Psychoneuroendocrinology</i> , 2012 , 37, 1589-99	5	81
430	Sexually dimorphic effects of maternal separation stress on corticotrophin-releasing factor and vasopressin systems in the adult rat brain. <i>International Journal of Developmental Neuroscience</i> , 2008 , 26, 259-68	2.7	81
429	Resilience and immunity. <i>Brain, Behavior, and Immunity</i> , 2018 , 74, 28-42	16.6	80
428	Probiotics, prebiotics, and the host microbiome: the science of translation. <i>Annals of the New York Academy of Sciences</i> , 2013 , 1306, 1-17	6.5	80
427	microRNAs as novel antidepressant targets: converging effects of ketamine and electroconvulsive shock therapy in the rat hippocampus. <i>International Journal of Neuropsychopharmacology</i> , 2013 , 16, 1885-92	5.8	80
426	Increased sensitivity to the effects of chronic social defeat stress in an innately anxious mouse strain. <i>Neuroscience</i> , 2011 , 192, 524-36	3.9	80
425	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
424	Microbiota regulates visceral pain in the mouse. <i>ELife</i> , 2017 , 6,	8.9	78
423	A sustained hypothalamic-pituitary-adrenal axis response to acute psychosocial stress in irritable bowel syndrome. <i>Psychological Medicine</i> , 2014 , 44, 3123-34	6.9	78
422	Reply to McLean et al. and Burnet: The microbiome-gut-brain axis as a pathway toward next generation psychotropics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E176-E176	11.5	78
421	Schizophrenia patients with a history of childhood trauma have a pro-inflammatory phenotype. <i>Psychological Medicine</i> , 2012 , 42, 1865-71	6.9	77
420	Alterations in the central CRF system of two different rat models of comorbid depression and functional gastrointestinal disorders. <i>International Journal of Neuropsychopharmacology</i> , 2011 , 14, 666-83	5.8	76
419	Depression's Unholy Trinity: Dysregulated Stress, Immunity, and the Microbiome. <i>Annual Review of Psychology</i> , 2020 , 71, 49-78	26.1	76
418	Enhanced peripheral toll-like receptor responses in psychosis: further evidence of a pro-inflammatory phenotype. <i>Translational Psychiatry</i> , 2011 , 1, e36	8.6	75

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