Gerard Clarke

List of Publications by Year
in descending order

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195 papers	27,208 citations	11608 70 h-index	6454 157 g-index
200 all docs	200 docs citations	200 times ranked	23261 citing authors

#	Article	IF	Citations
1	The Microbiota-Gut-Brain Axis. Physiological Reviews, 2019, 99, 1877-2013.	13.1	2,304
2	The microbiome-gut-brain axis during early life regulates the hippocampal serotonergic system in a sex-dependent manner. Molecular Psychiatry, 2013, 18, 666-673.	4.1	1,445
3	Serotonin, tryptophan metabolism and the brain-gut-microbiome axis. Behavioural Brain Research, 2015, 277, 32-48.	1.2	1,320
4	Transferring the blues: Depression-associated gut microbiota induces neurobehavioural changes in the rat. Journal of Psychiatric Research, 2016, 82, 109-118.	1.5	1,130
5	Microbiota and neurodevelopmental windows: implications for brain disorders. Trends in Molecular Medicine, 2014, 20, 509-518.	3.5	852
6	Minireview: Gut Microbiota: The Neglected Endocrine Organ. Molecular Endocrinology, 2014, 28, 1221-1238.	3.7	835
7	Effects of the probiotic Bifidobacterium infantis in the maternal separation model of depression. Neuroscience, 2010, 170, 1179-1188.	1.1	798
8	The probiotic Bifidobacteria infantis: An assessment of potential antidepressant properties in the rat. Journal of Psychiatric Research, 2008, 43, 164-174.	1.5	760
9	Breaking down the barriers: the gut microbiome, intestinal permeability and stress-related psychiatric disorders. Frontiers in Cellular Neuroscience, 2015, 9, 392.	1.8	757
10	Microbiota is essential for social development in the mouse. Molecular Psychiatry, 2014, 19, 146-148.	4.1	708
11	Brain?Gut?Microbe Communication in Health and Disease. Frontiers in Physiology, 2011, 2, 94.	1.3	698
12	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
13	Gut microbiota depletion from early adolescence in mice: Implications for brain and behaviour. Brain, Behavior, and Immunity, 2015, 48, 165-173.	2.0	572
14	The neuropharmacology of butyrate: The bread and butter of the microbiota-gut-brain axis?. Neurochemistry International, 2016, 99, 110-132.	1.9	565
15	Biological and psychological markers of stress in humans: Focus on the Trier Social Stress Test. Neuroscience and Biobehavioral Reviews, 2014, 38, 94-124.	2.9	512
16	Shortâ€chain fatty acids: microbial metabolites that alleviate stressâ€induced brainâ€“gut axis alterations. Journal of Physiology, 2018, 596, 4923-4944.	1.3	460
17	Regulation of prefrontal cortex myelination by the microbiota. Translational Psychiatry, 2016, 6, e774-e774.	2.4	459
18	Kynurenine pathway metabolism and the microbiota-gut-brain axis. Neuropharmacology, 2017, 112, 399-412.	2.0	424

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19	Growing up in a Bubble: Using Germ-Free Animals to Assess the Influence of the Gut Microbiota on Brain and Behavior. International Journal of Neuropsychopharmacology, 2016, 19, pyw020.	1.0	419
20	Adult Hippocampal Neurogenesis Is Regulated by the Microbiome. Biological Psychiatry, 2015, 78, e7-e9.	0.7	363
21	The microbiome: stress, health and disease. Mammalian Genome, 2014, 25, 49-74.	1.0	361
22	The gut microbiome and diet in psychiatry. Current Opinion in Psychiatry, 2015, 28, 1-6.	3.1	301
23	The Trier Social Stress Test: Principles and practice. Neurobiology of Stress, 2017, 6, 113-126.	1.9	294
24	Intestinal Microbiota And Diet in IBS: Causes, Consequences, or Epiphenomena?. American Journal of Gastroenterology, 2015, 110, 278-287.	0.2	283
25	The Host Microbiome Regulates and Maintains Human Health: A Primer and Perspective for Non-Microbiologists. Cancer Research, 2017, 77, 1783-1812.	0.4	270
26	Diet and depression: exploring the biological mechanisms of action. Molecular Psychiatry, 2021, 26, 134-150.	4.1	265
27	Adult microbiotaâ€deficient mice have distinct dendritic morphological changes: differential effects in the amygdala and hippocampus. European Journal of Neuroscience, 2016, 44, 2654-2666.	1.2	263
28	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
29	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
30	Irritable bowel syndrome: A microbiome-gut-brain axis disorder?. World Journal of Gastroenterology, 2014, 20, 14105.	1.4	249
31	The Impact of Microbiota on Brain and Behavior: Mechanisms & Therapeutic Potential. Advances in Experimental Medicine and Biology, 2014, 817, 373-403.	0.8	247
32	The impact of human activities and lifestyles on the interlinked microbiota and health of humans and of ecosystems. Science of the Total Environment, 2018, 627, 1018-1038.	3.9	244
33	Microbiota-Gut-Brain Axis: New Therapeutic Opportunities. Annual Review of Pharmacology and Toxicology, 2020, 60, 477-502.	4.2	227
34	Gut Reactions: Breaking Down Xenobioticâ€“Microbiome Interactions. Pharmacological Reviews, 2019, 71, 198-224.	7.1	211
35	Microbes & neurodevelopment â€“ Absence of microbiota during early life increases activity-related transcriptional pathways in the amygdala. Brain, Behavior, and Immunity, 2015, 50, 209-220.	2.0	210
36	Cross Talk: The Microbiota and Neurodevelopmental Disorders. Frontiers in Neuroscience, 2017, 11, 490.	1.4	194

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37	Review article: probiotics for the treatment of irritable bowel syndrome â€“ focus on lactic acid bacteria. Alimentary Pharmacology and Therapeutics, 2012, 35, 403-413.	1.9	175
38	Differential effects of psychotropic drugs on microbiome composition and gastrointestinal function. Psychopharmacology, 2019, 236, 1671-1685.	1.5	170
39	Reporting guidelines for human microbiome research: the STORMS checklist. Nature Medicine, 2021, 27, 1885-1892.	15.2	170
40	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
41	Irritable bowel syndrome: towards biomarker identification. Trends in Molecular Medicine, 2009, 15, 478-489.	3.5	160
42	Brain-gut-microbiota axis: challenges for translation in psychiatry. Annals of Epidemiology, 2016, 26, 366-372.	0.9	157
43	A review of ketamine in affective disorders: Current evidence of clinical efficacy, limitations of use and pre-clinical evidence on proposed mechanisms of action. Journal of Affective Disorders, 2014, 156, 24-35.	2.0	156
44	Gut memories: Towards a cognitive neurobiology of irritable bowel syndrome. Neuroscience and Biobehavioral Reviews, 2012, 36, 310-340.	2.9	155
45	Priming for health: gut microbiota acquired in early life regulates physiology, brain and behaviour. Acta Paediatrica, International Journal of Paediatrics, 2014, 103, 812-819.	0.7	146
46	Programming Bugs: Microbiota and the Developmental Origins of Brain Health and Disease. Biological Psychiatry, 2019, 85, 150-163.	0.7	146
47	The blood-brain barrier in aging and neurodegeneration. Molecular Psychiatry, 2022, 27, 2659-2673.	4.1	141
48	The kynurenine pathway in major depressive disorder, bipolar disorder, and schizophrenia: a meta-analysis of 101 studies. Molecular Psychiatry, 2021, 26, 4158-4178.	4.1	135
49	Microbial regulation of microRNA expression in the amygdala and prefrontal cortex. Microbiome, 2017, 5, 102.	4.9	133
50	Diet and the Microbiotaâ€“Gutâ€“Brain Axis: Sowing the Seeds of Good Mental Health. Advances in Nutrition, 2021, 12, 1239-1285.	2.9	125
51	Enhanced Cholinergic-Mediated Increase in the Pro-Inflammatory Cytokine IL-6 in Irritable Bowel Syndrome: Role of Muscarinic Receptors. American Journal of Gastroenterology, 2008, 103, 2570-2576.	0.2	122
52	A psychology of the human brainâ€“gutâ€“microbiome axis. Social and Personality Psychology Compass, 2017, 11, e12309.	2.0	121
53	Focus on the essentials: tryptophan metabolism and the microbiome-gut-brain axis. Current Opinion in Pharmacology, 2019, 48, 137-145.	1.7	119
54	Microbiota regulates visceral pain in the mouse. ELife, 2017, 6, .	2.8	117

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55	Short chain fatty acids: Microbial metabolites for gut-brain axis signalling. Molecular and Cellular Endocrinology, 2022, 546, 111572.	1.6	117
56	Microbiota-gut brain axis involvement in neuropsychiatric disorders. Expert Review of Neurotherapeutics, 2019, 19, 1037-1050.	1.4	116
57	Tryptophan degradation in irritable bowel syndrome: evidence of indoleamine 2,3-dioxygenase activation in a male cohort. BMC Gastroenterology, 2009, 9, 6.	0.8	109
58	Psychotropics and the Microbiome: a Chamber of Secretsâ€¦. Psychopharmacology, 2019, 236, 1411-1432.	1.5	109
59	Tryptophan catabolism in females with irritable bowel syndrome: relationship to interferonâ€gamma, severity of symptoms and psychiatric coâ€morbidity. Neurogastroenterology and Motility, 2008, 20, 1291-1297.	1.6	108
60	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
61	Molecular biomarkers of depression. Neuroscience and Biobehavioral Reviews, 2016, 64, 101-133.	2.9	97
62	A Distinct Profile of Tryptophan Metabolism along the Kynurenine Pathway Downstream of Toll-Like Receptor Activation in Irritable Bowel Syndrome. Frontiers in Pharmacology, 2012, 3, 90.	1.6	94
63	Gutted! Unraveling the Role of the Microbiome in Major Depressive Disorder. Harvard Review of Psychiatry, 2020, 28, 26-39.	0.9	94
64	Drugâ€“gut microbiota interactions: implications for neuropharmacology. British Journal of Pharmacology, 2018, 175, 4415-4429.	2.7	93
65	A sustained hypothalamicâ€“pituitaryâ€“adrenal axis response to acute psychosocial stress in irritable bowel syndrome. Psychological Medicine, 2014, 44, 3123-3134.	2.7	91
66	Cognitive performance in irritable bowel syndrome: evidence of a stress-related impairment in visuospatial memory. Psychological Medicine, 2014, 44, 1553-1566.	2.7	88
67	Kynurenine pathway in psychosis: evidence of increased tryptophan degradation. Journal of Psychopharmacology, 2009, 23, 287-294.	2.0	84
68	Gutsy Moves: The Amygdala as a Critical Node in Microbiota to Brain Signaling. BioEssays, 2018, 40, 1700172.	1.2	80
69	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
70	Phenotypic effects of repeated psychosocial stress during adolescence in mice mutant for the schizophrenia risk gene neuregulin-1: A putative model of gene Ã— environment interaction. Brain, Behavior, and Immunity, 2012, 26, 660-671.	2.0	76
71	Strain differences in the neurochemical response to chronic restraint stress in the rat: Relevance to depression. Pharmacology Biochemistry and Behavior, 2011, 97, 690-699.	1.3	74
72	Social interaction-induced activation of RNA splicing in the amygdala of microbiome-deficient mice. ELife, 2018, 7, .	2.8	73

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73	An isocratic high performance liquid chromatography method for the determination of GABA and glutamate in discrete regions of the rodent brain. Journal of Neuroscience Methods, 2007, 160, 223-230.	1.3	65
74	Gut microbiome patterns depending on childrenâ€™s psychosocial stress: Reports versus biomarkers. Brain, Behavior, and Immunity, 2019, 80, 751-762.	2.0	64
75	n-3 PUFAs have beneficial effects on anxiety and cognition in female rats: Effects of early life stress. Psychoneuroendocrinology, 2015, 58, 79-90.	1.3	63
76	Chronic intermittent hypoxia disrupts cardiorespiratory homeostasis and gut microbiota composition in adult male guinea-pigs. EBioMedicine, 2018, 38, 191-205.	2.7	61
77	The role of the gut microbiome in the development of schizophrenia. Schizophrenia Research, 2021, 234, 4-23.	1.1	60
78	Downregulation of Umbilical Cord Blood Levels of miR-374a in Neonatal Hypoxic Ischemic Encephalopathy. Journal of Pediatrics, 2015, 167, 269-273.e2.	0.9	59
79	Investigating causality with fecal microbiota transplantation in rodents: applications, recommendations and pitfalls. Gut Microbes, 2021, 13, 1941711.	4.3	59
80	Microbial-derived metabolites as a risk factor of age-related cognitive decline and dementia. Molecular Neurodegeneration, 2022, 17, .	4.4	59
81	Genetic vs. pharmacological inactivation of COMT influences cannabinoid-induced expression of schizophrenia-related phenotypes. International Journal of Neuropsychopharmacology, 2012, 15, 1331-1342.	1.0	55
82	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
83	Evidence of an enhanced central 5HT response in irritable bowel syndrome and in the rat maternal separation model. Neurogastroenterology and Motility, 2008, 20, 680-688.	1.6	54
84	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
85	Marked elevations in pro-inflammatory polyunsaturated fatty acid metabolites in females with irritable bowel syndrome. Journal of Lipid Research, 2010, 51, 1186-1192.	2.0	50
86	P-glycoprotein Inhibition Increases the Brain Distribution and Antidepressant-Like Activity of Escitalopram in Rodents. Neuropsychopharmacology, 2013, 38, 2209-2219.	2.8	47
87	Mood and Microbes. Gastroenterology Clinics of North America, 2019, 48, 389-405.	1.0	47
88	Microbial regulation of hippocampal miRNA expression: Implications for transcription of kynurenine pathway enzymes. Behavioural Brain Research, 2017, 334, 50-54.	1.2	44
89	Birth by Caesarean Section and the Risk of Adult Psychosis: A Population-Based Cohort Study. Schizophrenia Bulletin, 2016, 42, 633-641.	2.3	43
90	Differential stress-induced alterations in tryptophan hydroxylase activity and serotonin turnover in two inbred mouse strains. Neuropharmacology, 2011, 60, 683-691.	2.0	42

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91	Chronic stress-induced alterations in mouse colonic 5-HT and defecation responses are strain dependent. Stress, 2012, 15, 218-226.	0.8	42
92	The gut microbiome as a virtual endocrine organ with implications for farm and domestic animal endocrinology. Domestic Animal Endocrinology, 2016, 56, S44-S55.	0.8	42
93	Inhibition of Pâ€glycoprotein enhances transport of imipramine across the bloodâ€“brain barrier: microdialysis studies in conscious freely moving rats. British Journal of Pharmacology, 2012, 166, 1333-1343.	2.7	41
94	Inflammation, Lifestyle Factors, and the Microbiomeâ€Gutâ€Brain Axis: Relevance to Depression and Antidepressant Action. Clinical Pharmacology and Therapeutics, 2023, 113, 246-259.	2.3	40
95	Oleoylethanolamide treatment affects gut microbiota composition and the expression of intestinal cytokines in Peyerâ€™s patches of mice. Scientific Reports, 2018, 8, 14881.	1.6	39
96	Prebiotic and probiotic supplementation and the tryptophan-kynurenine pathway: A systematic review and meta analysis. Neuroscience and Biobehavioral Reviews, 2021, 123, 1-13.	2.9	39
97	Antagonist but not agonist labeling of serotonin-1A receptors is decreased in major depressive disorder. Journal of Psychiatric Research, 2009, 43, 887-894.	1.5	38
98	Guidelines for reporting on animal fecal transplantation (GRAFT) studies: recommendations from a systematic review of murine transplantation protocols. Gut Microbes, 2021, 13, 1979878.	4.3	38
99	The gut microbiome influences the bioavailability of olanzapine in rats. EBioMedicine, 2021, 66, 103307.	2.7	38
100	Human P-glycoprotein differentially affects antidepressant drug transport: relevance to bloodâ€“brain barrier permeability. International Journal of Neuropsychopharmacology, 2013, 16, 2259-2272.	1.0	37
101	Manipulation of gut microbiota blunts the ventilatory response to hypercapnia in adult rats. EBioMedicine, 2019, 44, 618-638.	2.7	37
102	Thinking small: towards microRNA-based therapeutics for anxiety disorders. Expert Opinion on Investigational Drugs, 2015, 24, 529-542.	1.9	36
103	An effective dietary method for chronic tryptophan depletion in two mouse strains illuminates a role for 5-HT in nesting behaviour. Neuropharmacology, 2012, 62, 1903-1915.	2.0	35
104	The Brain-Gut Axis: A Target for Treating Stress-Related Disorders. Modern Problems of Pharmacopsychiatry, 2013, 28, 90-99.	2.5	35
105	Differential effect of lithium on cell number in the hippocampus and prefrontal cortex in adult mice: a stereological study. Bipolar Disorders, 2016, 18, 41-51.	1.1	35
106	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
107	Psychedelic Therapy's Transdiagnostic Effects: A Research Domain Criteria (RDoC) Perspective. Frontiers in Psychiatry, 2021, 12, 800072.	1.3	35
108	Validation of Altered Umbilical Cord Blood MicroRNA Expression in Neonatal Hypoxic-Ischemic Encephalopathy. JAMA Neurology, 2019, 76, 333.	4.5	32

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109	Chain reactions: Early-life stress alters the metabolic profile of plasma polyunsaturated fatty acids in adulthood. Behavioural Brain Research, 2009, 205, 319-321.	1.2	30
110	Acute tryptophan depletion reduces kynurenine levels: implications for treatment of impaired visuospatial memory performance in irritable bowel syndrome. Psychopharmacology, 2015, 232, 1357-1371.	1.5	30
111	Tryptophan metabolic profile in term and preterm breast milk: implications for health. Journal of Nutritional Science, 2018, 7, e13.	0.7	30
112	Gutâ€brain axis serotonergic responses to acute stress exposure are microbiomeâ€dependent. Neurogastroenterology and Motility, 2020, 32, e13881.	1.6	30
113	Differential visceral nociceptive, behavioural and neurochemical responses to an immune challenge in the stress-sensitive Wistar Kyoto rat strain. Behavioural Brain Research, 2013, 253, 310-317.	1.2	29
114	A Microbial Drugstore for Motility. Cell Host and Microbe, 2018, 23, 691-692.	5.1	29
115	Dynamic 5-HT2C Receptor Editing in a Mouse Model of Obesity. PLoS ONE, 2012, 7, e32266.	1.1	29
116	Verapamil in treatment resistant depression: a role for the Pâ€glycoprotein transporter?. Human Psychopharmacology, 2009, 24, 217-223.	0.7	28
117	The immune-kynurenine pathway in social anxiety disorder. Brain, Behavior, and Immunity, 2022, 99, 317-326.	2.0	27
118	Impact of Exercise on Innate Immunity in Multiple Sclerosis Progression and Symptomatology. Frontiers in Physiology, 2016, 7, 194.	1.3	25
119	Natural compulsiveâ€like behaviour in the deer mouse (Peromyscus maniculatus bairdii) is associated with altered gut microbiota composition. European Journal of Neuroscience, 2020, 51, 1419-1427.	1.2	25
120	The role of the microbiota in acute stress-induced myeloid immune cell trafficking. Brain, Behavior, and Immunity, 2020, 84, 209-217.	2.0	25
121	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
122	Resveratrol and metabolic health in COPD: A proof-of-concept randomized controlled trial. Clinical Nutrition, 2020, 39, 2989-2997.	2.3	25
123	Improvements in sleep indices during exam stress due to consumption of a Bifidobacterium longum. Brain, Behavior, & Immunity - Health, 2021, 10, 100174.	1.3	25
124	Microbiota and body weight control: Weight watchers within?. Molecular Metabolism, 2022, 57, 101427.	3.0	25
125	Re: Gut microbiota depletion from early adolescence in mice: Implications for brain and behaviour. Brain, Behavior, and Immunity, 2015, 50, 335-336.	2.0	24
126	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

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127	Metabolome and microbiome profiling of a stress-sensitive rat model of gut-brain axis dysfunction. Scientific Reports, 2019, 9, 14026.	1.6	23
128	Effect of acute swim stress on plasma corticosterone and brain monoamine levels in bidirectionally selected DxH recombinant inbred mouse strains differing in fear recall and extinction. Stress, 2014, 17, 471-483.	0.8	22
129	Psychosocial stress and inflammation driving tryptophan breakdown in children and adolescents: A cross-sectional analysis of two cohorts. Psychoneuroendocrinology, 2018, 94, 104-111.	1.3	22
130	Impact of short-term cycle ergometer training on quality of life, cognition and depressive symptomatology in multiple sclerosis patients: a pilot study. Neurological Sciences, 2018, 39, 461-469.	0.9	21
131	Of bowels, brain and behavior: A role for the gut microbiota in psychiatric comorbidities in irritable bowel syndrome. Neurogastroenterology and Motility, 2021, 33, e14095.	1.6	21
132	A Sensitive Period of Mice Inhibitory System to Neonatal GABA Enhancement by Vigabatrin is Brain Region Dependent. Neuropsychopharmacology, 2010, 35, 1138-1154.	2.8	19
133	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
134	Biogeography of the large intestinal mucosal and luminal microbiome in cynomolgus macaques with depressive-like behavior. Molecular Psychiatry, 2022, 27, 1059-1067.	4.1	17
135	Menstrual Cycle Influences Toll-Like Receptor Responses. NeuroImmunoModulation, 2012, 19, 171-179.	0.9	16
136	Microbial regulation of microRNA expression in the brainâ€“gut axis. Current Opinion in Pharmacology, 2019, 48, 120-126.	1.7	16
137	The gut microbiome and pharmacology: a prescription for therapeutic targeting of the gutâ€“brain axis. Current Opinion in Pharmacology, 2019, 49, 17-23.	1.7	16
138	Prebiotic administration modulates gut microbiota and faecal short-chain fatty acid concentrations but does not prevent chronic intermittent hypoxia-induced apnoea and hypertension in adult rats. EBioMedicine, 2020, 59, 102968.	2.7	16
139	Milk protein-derived peptides induce 5-HT2C-mediated satiety inÂvivo. International Dairy Journal, 2014, 38, 55-64.	1.5	15
140	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
141	Longitudinal relationship of amino acids and indole metabolites with long-term body mass index and cardiometabolic risk markers in young individuals. Scientific Reports, 2020, 10, 6399.	1.6	15
142	Identifying a biological signature of prenatal maternal stress. JCI Insight, 2021, 6, .	2.3	15
143	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
144	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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145	Compositional and functional alterations in the oral and gut microbiota in patients with psychosis or schizophrenia: A systematic review. HRB Open Research, 2021, 4, 108.	0.3	13
146	A prospective study of C-reactive protein as a state marker in Cardiac Syndrome X. Brain, Behavior, and Immunity, 2015, 43, 27-32.	2.0	12
147	Long-term dietary intake from infancy to late adolescence is associated with gut microbiota composition in young adulthood. American Journal of Clinical Nutrition, 2021, 113, 647-656.	2.2	12
148	Powering up microbiome-microglia interactions. Cell Metabolism, 2021, 33, 2097-2099.	7.2	12
149	The P-glycoprotein inhibitor cyclosporin A differentially influences behavioural and neurochemical responses to the antidepressant escitalopram. Behavioural Brain Research, 2014, 261, 17-25.	1.2	11
150	Impaired Skeletal Muscle Kynurenine Metabolism in Patients with Chronic Obstructive Pulmonary Disease. Journal of Clinical Medicine, 2019, 8, 915.	1.0	11
151	Impaired cognitive function in Crohnâ€™s disease: Relationship to disease activity. Brain, Behavior, & Immunity - Health, 2020, 5, 100093.	1.3	11
152	Targeting the Infant Gut Microbiota Through a Perinatal Educational Dietary Intervention: Protocol for a Randomized Controlled Trial. JMIR Research Protocols, 2019, 8, e14771.	0.5	11
153	Placental FKBP51 mediates a link between second trimester maternal anxiety and birthweight in female infants. Scientific Reports, 2018, 8, 15151.	1.6	10
154	Growth differentiation factor 5 exerts neuroprotection in an Î±-synuclein rat model of Parkinsonâ€™s disease. Brain, 2021, 144, e14-e14.	3.7	10
155	Altered stress responses in adults born by Caesarean section. Neurobiology of Stress, 2022, 16, 100425.	1.9	10
156	Targeting the Gut Microbiota in Chagas Disease: What Do We Know so Far?. Frontiers in Microbiology, 2020, 11, 585857.	1.5	9
157	The kynurenine pathway: Towards metabolic equilibrium. Neuropharmacology, 2017, 112, 235-236.	2.0	8
158	Host Microbiota Regulates Central Nervous System Serotonin Receptor 2C Editing in Rodents. ACS Chemical Neuroscience, 2019, 10, 3953-3960.	1.7	8
159	Psychotropic Drugs and the Microbiome. Modern Trends in Psychiatry, 2021, 32, 113-133.	2.1	8
160	Sex and brain regionâ€specific regulation of serotonin transporter activity in synaptosomes in guanine nucleotideâ€binding protein G(q) alpha knockout mice. Journal of Neurochemistry, 2021, 159, 156-171.	2.1	8
161	Diet and depression: future needs to unlock the potential. Molecular Psychiatry, 2022, 27, 778-780.	4.1	8
162	An Investigation into the Temporal Reproducibility of Tryptophan Metabolite Networks Among Healthy Adolescents. International Journal of Tryptophan Research, 2021, 14, 117864692110413.	1.0	7

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163	Wrapping Things Up: Recent Developments in Understanding the Role of the Microbiome in Regulating Myelination. Current Opinion in Physiology, 2021, 23, 100468.	0.9	7
164	The gut microbiome and adult hippocampal neurogenesis: A new focal point for epilepsy?. Neurobiology of Disease, 2022, 170, 105746.	2.1	7
165	Distinct post-sepsis induced neurochemical alterations in two mouse strains. Brain, Behavior, and Immunity, 2022, 104, 39-53.	2.0	7
166	Up-Regulation of Nfat5 mRNA and Fzd4 mRNA as a Marker of Poor Outcome in Neonatal Hypoxic-Ischemic Encephalopathy. Journal of Pediatrics, 2021, 228, 74-81.e2.	0.9	6
167	Targeting the perinatal diet to modulate the gut microbiota increases dietary variety and prebiotic and probiotic food intakes: results from a randomised controlled trial. Public Health Nutrition, 2021, 24, 1129-1141.	1.1	6
168	Debugging the gut-brain axis in depression. Cell Host and Microbe, 2022, 30, 281-283.	5.1	6
169	Long-lasting glutamatergic modulation induced by neonatal GABA enhancement in mice. Neuropharmacology, 2014, 79, 616-625.	2.0	5
170	Chronic Pâ€glycoprotein inhibition increases the brain concentration of escitalopram: potential implications for treating depression. Pharmacology Research and Perspectives, 2015, 3, e00190.	1.1	5
171	No effect of a musical intervention on stress response to venepuncture in a neonatal population. Acta Paediatrica, International Journal of Paediatrics, 2020, 109, 511-517.	0.7	5
172	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
173	The role of NADPH oxidase in chronic intermittent hypoxia-induced respiratory plasticity in adult male mice. Respiratory Physiology and Neurobiology, 2021, 292, 103713.	0.7	5
174	Alterations in prefrontal cortical serotonin and antidepressant-like behavior in a novel C3H/HeJxDBA/2J recombinant inbred mouse strain. Behavioural Brain Research, 2013, 236, 283-288.	1.2	4
175	Governance and transnational civil society: the problem of transnational rent-seeking. Journal of Civil Society, 2016, 12, 82-100.	0.3	4
176	UK development policy and domestic politics 1997â€“2016. Third World Quarterly, 2018, 39, 18-34.	1.3	4
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