Gerard Clarke

List of Publications by Year in Descending Order

182 papers	17,597 citations	60 h-index	132 g-index
200 ext. papers	22,520 ext. citations	7.3 avg, IF	7.02 L-index

#	Paper	IF	Citations
182	Altered stress responses in adults born by Caesarean section.. *Neurobiology of Stress*, **2022**, 16, 100425	7.6	2
181	Short chain fatty acids: Microbial metabolites for gut-brain axis signalling.. *Molecular and Cellular Endocrinology*, **2022**, 546, 111572	4.4	10
180	The immune-kynurenine pathway in social anxiety disorder. *Brain, Behavior, and Immunity*, **2022**, 99, 317-326	12.6	2
179	Debugging the gut-brain axis in depression.. *Cell Host and Microbe*, **2022**, 30, 281-283	23.4	0
178	The blood-brain barrier in aging and neurodegeneration.. *Molecular Psychiatry*, **2022**,	15.1	5
177	Inflammation, Lifestyle Factors, and the Microbiome-Gut-Brain Axis: Relevance to Depression and Antidepressant Action.. *Clinical Pharmacology and Therapeutics*, **2022**,	6.1	2
176	The gut microbiome and adult hippocampal neurogenesis: A new focal point for epilepsy?. *Neurobiology of Disease*, **2022**, 170, 105746	7.5	2
175	The role of the gut microbiome in the development of schizophrenia. *Schizophrenia Research*, **2021**, 234, 4-23	3.6	23
174	Microbiota and Body Weight Control: Weight Watchers Within?. *Molecular Metabolism*, **2021**, 57, 101427	8.8	4
173	Psychedelic Therapy's Transdiagnostic Effects: A Research Domain Criteria (RDoC) Perspective.. *Frontiers in Psychiatry*, **2021**, 12, 800072	5	3
172	Diet and depression: future needs to unlock the potential. *Molecular Psychiatry*, **2021**,	15.1	3
171	Powering up microbiome-microglia interactions. *Cell Metabolism*, **2021**, 33, 2097-2099	24.6	4
170	Reporting guidelines for human microbiome research: the STORMS checklist. *Nature Medicine*, **2021**, 27, 1885-1892	50.5	19
169	Brain development in premature infants: A bug in the programming system?. *Cell Host and Microbe*, **2021**, 29, 1477-1479	23.4	
168	The kynurenine pathway in major depressive disorder, bipolar disorder, and schizophrenia: a meta-analysis of 101 studies. *Molecular Psychiatry*, **2021**, 26, 4158-4178	15.1	52
167	Diet and the Microbiota-Gut-Brain Axis: Sowing the Seeds of Good Mental Health. *Advances in Nutrition*, **2021**, 12, 1239-1285	10	29
166	Activin A and Acvr2b mRNA from Umbilical Cord Blood Are Not Reliable Markers of Mild or Moderate Neonatal Hypoxic-Ischemic Encephalopathy. *Neuropediatrics*, **2021**, 52, 261-267	1.6	0

165	The gut microbiome influences the bioavailability of olanzapine in rats. *EBioMedicine*, **2021**, 66, 103307	8.8	7
164	Prebiotic and probiotic supplementation and the tryptophan-kynurenine pathway: A systematic review and meta analysis. *Neuroscience and Biobehavioral Reviews*, **2021**, 123, 1-13	9	17
163	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	9	23
162	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	5.6	1
161	Metformin, the gut microbiome and neurogenesis: Lessons learned in rebirth of an old drug. *Brain, Behavior, and Immunity*, **2021**, 95, 25-26	16.6	2
160	Diet and depression: exploring the biological mechanisms of action. *Molecular Psychiatry*, **2021**, 26, 134-150	15.1	66
159	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	3.6	2
158	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	3.3	2
157	Growth differentiation factor 5 exerts neuroprotection in an □synuclein rat model of Parkinson's disease. *Brain*, **2021**, 144, e14	11.2	6
156	Improvements in sleep indices during exam stress due to consumption of a. *Brain, Behavior, & Immunity - Health*, **2021**, 10, 100174	5.1	4
155	An Investigation into the Temporal Reproducibility of Tryptophan Metabolite Networks Among Healthy Adolescents. *International Journal of Tryptophan Research*, **2021**, 14, 11786469211041376	5.6	1
154	The Microbiome-Gut-Brain Axis: A New Window to View the Impact of Prenatal Stress on Early Neurodevelopment **2021**, 165-191		
153	Investigating causality with fecal microbiota transplantation in rodents: applications, recommendations and pitfalls. *Gut Microbes*, **2021**, 13, 1941711	8.8	12
152	Guidelines for reporting on animal fecal transplantation (GRAFT) studies: recommendations from a systematic review of murine transplantation protocols. *Gut Microbes*, **2021**, 13, 1979878	8.8	7
151	Identifying a biological signature of prenatal maternal stress. *JCI Insight*, **2021**, 6,	9.9	8
150	Psychotropic Drugs and the Microbiome **2021**, 32, 113-133		1
149	Personalized Nutrition for Depression: Impact on the Unholy Trinity. *NeuroImmunoModulation*, **2021**, 28, 47-51	2.5	1
148	Of bowels, brain and behavior: A role for the gut microbiota in psychiatric comorbidities in irritable bowel syndrome. *Neurogastroenterology and Motility*, **2021**, 33, e14095	4	6

147	Sex and brain region-specific regulation of serotonin transporter activity in synaptosomes in guanine nucleotide-binding protein G(q) alpha knockout mice. *Journal of Neurochemistry*, **2021**, 159, 156-171	6	0
146	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	1.2	3
145	The role of NADPH oxidase in chronic intermittent hypoxia-induced respiratory plasticity in adult male mice. *Respiratory Physiology and Neurobiology*, **2021**, 292, 103713	2.8	0
144	Wrapping Things Up: Recent Developments in Understanding the Role of the Microbiome in Regulating Myelination. *Current Opinion in Physiology*, **2021**, 23, 100468	2.6	1
143	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	16.6	5
142	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	7	5
141	Distinct actions of the fermented beverage kefir on host behaviour, immunity and microbiome gut-brain modules in the mouse. *Microbiome*, **2020**, 8, 67	16.6	23
140	Gut-brain axis serotonergic responses to acute stress exposure are microbiome-dependent. *Neurogastroenterology and Motility*, **2020**, 32, e13881	4	16
139	Impact of host and environmental factors on β-glucuronidase enzymatic activity: implications for gastrointestinal serotonin. *American Journal of Physiology - Renal Physiology*, **2020**, 318, G816-G826	5.1	11
138	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	3.3	
137	Resveratrol and metabolic health in COPD: A proof-of-concept randomized controlled trial. *Clinical Nutrition*, **2020**, 39, 2989-2997	5.9	5
136	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	4.8	8
135	Neural control of respiratory musculature in the mdx mouse model of Duchenne muscular dystrophy. *FASEB Journal*, **2020**, 34, 1-1	0.9	
134	Exercising control over signs and symptoms of stress and depression. *FASEB Journal*, **2020**, 34, 1-1	0.9	
133	Natural compulsive-like behaviour in the deer mouse (Peromyscus maniculatus bairdii) is associated with altered gut microbiota composition. *European Journal of Neuroscience*, **2020**, 51, 1419-1427	3.5	11
132	Gutted! Unraveling the Role of the Microbiome in Major Depressive Disorder. *Harvard Review of Psychiatry*, **2020**, 28, 26-39	4.1	56
131	The role of the microbiota in acute stress-induced myeloid immune cell trafficking. *Brain, Behavior, and Immunity*, **2020**, 84, 209-217	16.6	14
130	Impaired cognitive function in Crohn's disease: Relationship to disease activity. *Brain, Behavior, & Immunity - Health*, **2020**, 5, 100093	5.1	2

129	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	8.8	7
128	Targeting the Gut Microbiota in Chagas Disease: What Do We Know so Far?. *Frontiers in Microbiology*, **2020**, 11, 585857	5.7	4
127	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	15.1	52
126	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	3.1	1
125	Microbiota-Gut-Brain Axis: New Therapeutic Opportunities. *Annual Review of Pharmacology and Toxicology*, **2020**, 60, 477-502	17.9	112
124	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	4.9	3
123	The Microbiota-Gut-Brain Axis. *Physiological Reviews*, **2019**, 99, 1877-2013	47.9	979
122	Metabolome and microbiome profiling of a stress-sensitive rat model of gut-brain axis dysfunction. *Scientific Reports*, **2019**, 9, 14026	4.9	10
121	Microbial regulation of microRNA expression in the brain-gut axis. *Current Opinion in Pharmacology*, **2019**, 48, 120-126	5.1	10
120	The gut microbiome and pharmacology: a prescription for therapeutic targeting of the gut-brain axis. *Current Opinion in Pharmacology*, **2019**, 49, 17-23	5.1	10
119	Gut microbiome patterns depending on children's psychosocial stress: Reports versus biomarkers. *Brain, Behavior, and Immunity*, **2019**, 80, 751-762	16.6	25
118	Gut Reactions: Breaking Down Xenobiotic-Microbiome Interactions. *Pharmacological Reviews*, **2019**, 71, 198-224	22.5	135
117	Manipulation of gut microbiota blunts the ventilatory response to hypercapnia in adult rats. *EBioMedicine*, **2019**, 44, 618-638	8.8	25
116	Psychotropics and the Microbiome: a Chamber of Secrets *Psychopharmacology*, **2019**, 236, 1411-1432	4.7	65
115	Programming Bugs: Microbiota and the Developmental Origins of Brain Health and Disease. *Biological Psychiatry*, **2019**, 85, 150-163	7.9	101
114	Host Microbiota Regulates Central Nervous System Serotonin Receptor 2C Editing in Rodents. *ACS Chemical Neuroscience*, **2019**, 10, 3953-3960	5.7	6
113	Impaired Skeletal Muscle Kynurenine Metabolism in Patients with Chronic Obstructive Pulmonary Disease. *Journal of Clinical Medicine*, **2019**, 8,	5.1	8
112	Microbiota-gut brain axis involvement in neuropsychiatric disorders. *Expert Review of Neurotherapeutics*, **2019**, 19, 1037-1050	4.3	55

111	Mood and Microbes: Gut to Brain Communication in Depression. *Gastroenterology Clinics of North America*, **2019**, 48, 389-405	4.4	32
110	Focus on the essentials: tryptophan metabolism and the microbiome-gut-brain axis. *Current Opinion in Pharmacology*, **2019**, 48, 137-145	5.1	56
109	Targeting the Infant Gut Microbiota Through a Perinatal Educational Dietary Intervention: Protocol for a Randomized Controlled Trial. *JMIR Research Protocols*, **2019**, 8, e14771	2	9
108	Informal caregiving for dementia patients: the contribution of patient characteristics and behaviours to caregiver burden. *Age and Ageing*, **2019**, 49, 52-56	3	16
107	Differential effects of psychotropic drugs on microbiome composition and gastrointestinal function. *Psychopharmacology*, **2019**, 236, 1671-1685	4.7	95
106	Validation of Altered Umbilical Cord Blood MicroRNA Expression in Neonatal Hypoxic-Ischemic Encephalopathy. *JAMA Neurology*, **2019**, 76, 333-341	17.2	22
105	Tryptophan metabolic profile in term and preterm breast milk: implications for health. *Journal of Nutritional Science*, **2018**, 7, e13	2.7	18
104	UK development policy and domestic politics 1997–2016. *Third World Quarterly*, **2018**, 39, 18-34	1.5	3
103	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	10.2	160
102	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	3.5	14
101	Short-chain fatty acids: microbial metabolites that alleviate stress-induced brain-gut axis alterations. *Journal of Physiology*, **2018**, 596, 4923-4944	3.9	241
100	Psychosocial stress and inflammation driving tryptophan breakdown in children and adolescents: A cross-sectional analysis of two cohorts. *Psychoneuroendocrinology*, **2018**, 94, 104-111	5	11
99	A Microbial Drugstore for Motility. *Cell Host and Microbe*, **2018**, 23, 691-692	23.4	16
98	Gutsy Moves: The Amygdala as a Critical Node in Microbiota to Brain Signaling. *BioEssays*, **2018**, 40, 1700172	4.1	54
97	Placental FKBP51 mediates a link between second trimester maternal anxiety and birthweight in female infants. *Scientific Reports*, **2018**, 8, 15151	4.9	9
96	Without a bug's life: Germ-free rodents to interrogate microbiota-gut-neuroimmune interactions. *Drug Discovery Today: Disease Models*, **2018**, 28, 79-93	1.3	9
95	Chronic intermittent hypoxia disrupts cardiorespiratory homeostasis and gut microbiota composition in adult male guinea-pigs. *EBioMedicine*, **2018**, 38, 191-205	8.8	38
94	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	3	

93	Oleoylethanolamide treatment affects gut microbiota composition and the expression of intestinal cytokines in Peyer's patches of mice. *Scientific Reports*, **2018**, 8, 14881	4.9	22
92	Drug-gut microbiota interactions: implications for neuropharmacology. *British Journal of Pharmacology*, **2018**, 175, 4415-4429	8.6	59
91	Social interaction-induced activation of RNA splicing in the amygdala of microbiome-deficient mice. *ELife*, **2018**, 7,	8.9	51
90	Kynurenine pathway metabolism and the microbiota-gut-brain axis. *Neuropharmacology*, **2017**, 112, 399-412	5.32	269
89	The Trier Social Stress Test: Principles and practice. *Neurobiology of Stress*, **2017**, 6, 113-126	7.6	179
88	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	7.9	426
87	Irritable Bowel Syndrome and Stress-Related Psychiatric Co-morbidities: Focus on Early Life Stress. *Handbook of Experimental Pharmacology*, **2017**, 239, 219-246	3.2	32
86	A psychology of the human brain-gut-microbiome axis. *Social and Personality Psychology Compass*, **2017**, 11, e12309	3	81
85	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	2.5	17
84	The Host Microbiome Regulates and Maintains Human Health: A Primer and Perspective for Non-Microbiologists. *Cancer Research*, **2017**, 77, 1783-1812	10.1	165
83	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	9	125
82	Microbiota-related Changes in Bile Acid & Tryptophan Metabolism are Associated with Gastrointestinal Dysfunction in a Mouse Model of Autism. *EBioMedicine*, **2017**, 24, 166-178	8.8	174
81	Microbial regulation of microRNA expression in the amygdala and prefrontal cortex. *Microbiome*, **2017**, 5, 102	16.6	94
80	Microbial regulation of hippocampal miRNA expression: Implications for transcription of kynurenine pathway enzymes. *Behavioural Brain Research*, **2017**, 334, 50-54	3.4	34
79	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	16.6	182
78	Epistatic and Independent Effects on Schizophrenia-Related Phenotypes Following Co-disruption of the Risk Factors Neuregulin-1 DISC1. *Schizophrenia Bulletin*, **2017**, 43, 214-225	1.3	10
77	Cross Talk: The Microbiota and Neurodevelopmental Disorders. *Frontiers in Neuroscience*, **2017**, 11, 490	5.1	137
76	Microbiota regulates visceral pain in the mouse. *ELife*, **2017**, 6,	8.9	78

75	Transferring the blues: Depression-associated gut microbiota induces neurobehavioural changes in the rat. *Journal of Psychiatric Research*, **2016**, 82, 109-18	5.2	736
74	The gut microbiome as a virtual endocrine organ with implications for farm and domestic animal endocrinology. *Domestic Animal Endocrinology*, **2016**, 56 Suppl, S44-55	2.3	19
73	The neuropharmacology of butyrate: The bread and butter of the microbiota-gut-brain axis?. *Neurochemistry International*, **2016**, 99, 110-132	4.4	353
72	Governance and transnational civil society: the problem of transnational rent-seeking. *Journal of Civil Society*, **2016**, 12, 82-100	1.3	1
71	Molecular biomarkers of depression. *Neuroscience and Biobehavioral Reviews*, **2016**, 64, 101-33	9	62
70	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,	5.8	270
69	Brain-gut-microbiota axis: challenges for translation in psychiatry. *Annals of Epidemiology*, **2016**, 26, 366-72	6.4	120
68	Birth by Caesarean Section and the Risk of Adult Psychosis: A Population-Based Cohort Study. *Schizophrenia Bulletin*, **2016**, 42, 633-41	1.3	34
67	Impact of Exercise on Innate Immunity in Multiple Sclerosis Progression and Symptomatology. *Frontiers in Physiology*, **2016**, 7, 194	4.6	22
66	Adult microbiota-deficient mice have distinct dendritic morphological changes: differential effects in the amygdala and hippocampus. *European Journal of Neuroscience*, **2016**, 44, 2654-2666	3.5	178
65	Regulation of prefrontal cortex myelination by the microbiota. *Translational Psychiatry*, **2016**, 6, e774	8.6	311
64	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	3.8	27
63	Acute tryptophan depletion reduces kynurenine levels: implications for treatment of impaired visuospatial memory performance in irritable bowel syndrome. *Psychopharmacology*, **2015**, 232, 1357-71	4.7	24
62	Microbes & neurodevelopment--Absence of microbiota during early life increases activity-related transcriptional pathways in the amygdala. *Brain, Behavior, and Immunity*, **2015**, 50, 209-220	16.6	160
61	The gut microbiome and diet in psychiatry: focus on depression. *Current Opinion in Psychiatry*, **2015**, 28, 1-6	4.9	207
60	Gut microbiota depletion from early adolescence in mice: Implications for brain and behaviour. *Brain, Behavior, and Immunity*, **2015**, 48, 165-73	16.6	405
59	Re: Gut microbiota depletion from early adolescence in mice: Implications for brain and behaviour. *Brain, Behavior, and Immunity*, **2015**, 50, 335-336	16.6	17
58	Downregulation of Umbilical Cord Blood Levels of miR-374a in Neonatal Hypoxic Ischemic Encephalopathy. *Journal of Pediatrics*, **2015**, 167, 269-73.e2	3.6	47

57	A prospective study of C-reactive protein as a state marker in Cardiac Syndrome X. *Brain, Behavior, and Immunity*, **2015**, 43, 27-32	16.6	6
56	Serotonin, tryptophan metabolism and the brain-gut-microbiome axis. *Behavioural Brain Research*, **2015**, 277, 32-48	3.4	907
55	Chronic P-glycoprotein inhibition increases the brain concentration of escitalopram: potential implications for treating depression. *Pharmacology Research and Perspectives*, **2015**, 3, e00190	3.1	5
54	Breaking down the barriers: the gut microbiome, intestinal permeability and stress-related psychiatric disorders. *Frontiers in Cellular Neuroscience*, **2015**, 9, 392	6.1	514
53	n-3 PUFAs have beneficial effects on anxiety and cognition in female rats: Effects of early life stress. *Psychoneuroendocrinology*, **2015**, 58, 79-90	5	47
52	Intestinal microbiota and diet in IBS: causes, consequences, or epiphenomena?. *American Journal of Gastroenterology*, **2015**, 110, 278-87	0.7	225
51	Thinking small: towards microRNA-based therapeutics for anxiety disorders. *Expert Opinion on Investigational Drugs*, **2015**, 24, 529-42	5.9	28
50	Adult Hippocampal Neurogenesis Is Regulated by the Microbiome. *Biological Psychiatry*, **2015**, 78, e7-9	7.9	247
49	Priming for health: gut microbiota acquired in early life regulates physiology, brain and behaviour. *Acta Paediatrica, International Journal of Paediatrics*, **2014**, 103, 812-9	3.1	122
48	The microbiome: stress, health and disease. *Mammalian Genome*, **2014**, 25, 49-74	3.2	285
47	Long-lasting glutamatergic modulation induced by neonatal GABA enhancement in mice. *Neuropharmacology*, **2014**, 79, 616-25	5.5	4
46	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	6.6	129
45	Microbiota is essential for social development in the mouse. *Molecular Psychiatry*, **2014**, 19, 146-8	15.1	551
44	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, 471-83	3	13
43	Minireview: Gut microbiota: the neglected endocrine organ. *Molecular Endocrinology*, **2014**, 28, 1221-38		584
42	Microbiota and neurodevelopmental windows: implications for brain disorders. *Trends in Molecular Medicine*, **2014**, 20, 509-18	11.5	617
41	Milk protein-derived peptides induce 5-HT2C-mediated satiety in vivo. *International Dairy Journal*, **2014**, 38, 55-64	3.5	11
40	The impact of microbiota on brain and behavior: mechanisms & therapeutic potential. *Advances in Experimental Medicine and Biology*, **2014**, 817, 373-403	3.6	197

39	Cognitive performance in irritable bowel syndrome: evidence of a stress-related impairment in visuospatial memory. *Psychological Medicine*, **2014**, 44, 1553-66	6.9	71
38	A sustained hypothalamic-pituitary-adrenal axis response to acute psychosocial stress in irritable bowel syndrome. *Psychological Medicine*, **2014**, 44, 3123-34	6.9	78
37	Irritable bowel syndrome: a microbiome-gut-brain axis disorder?. *World Journal of Gastroenterology*, **2014**, 20, 14105-25	5.6	195
36	The P-glycoprotein inhibitor cyclosporin A differentially influences behavioural and neurochemical responses to the antidepressant escitalopram. *Behavioural Brain Research*, **2014**, 261, 17-25	3.4	11
35	Biological and psychological markers of stress in humans: focus on the Trier Social Stress Test. *Neuroscience and Biobehavioral Reviews*, **2014**, 38, 94-124	9	379
34	The microbiome-gut-brain axis during early life regulates the hippocampal serotonergic system in a sex-dependent manner. *Molecular Psychiatry*, **2013**, 18, 666-73	15.1	1040
33	P-glycoprotein inhibition increases the brain distribution and antidepressant-like activity of escitalopram in rodents. *Neuropsychopharmacology*, **2013**, 38, 2209-19	8.7	34
32	Differential visceral nociceptive, behavioural and neurochemical responses to an immune challenge in the stress-sensitive Wistar Kyoto rat strain. *Behavioural Brain Research*, **2013**, 253, 310-7	3.4	26
31	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	3.4	4
30	Human P-glycoprotein differentially affects antidepressant drug transport: relevance to blood-brain barrier permeability. *International Journal of Neuropsychopharmacology*, **2013**, 16, 2259-72	5.8	28
29	The brain-gut axis: a target for treating stress-related disorders. *Modern Problems of Pharmacopsychiatry*, **2013**, 28, 90-9		29
28	Gut memories: towards a cognitive neurobiology of irritable bowel syndrome. *Neuroscience and Biobehavioral Reviews*, **2012**, 36, 310-40	9	120
27	Chronic stress-induced alterations in mouse colonic 5-HT and defecation responses are strain dependent. *Stress*, **2012**, 15, 218-26	3	38
26	An effective dietary method for chronic tryptophan depletion in two mouse strains illuminates a role for 5-HT in nesting behaviour. *Neuropharmacology*, **2012**, 62, 1903-15	5.5	29
25	Inhibition of P-glycoprotein enhances transport of imipramine across the blood-brain barrier: microdialysis studies in conscious freely moving rats. *British Journal of Pharmacology*, **2012**, 166, 1333-43	8.6	34
24	Phenotypic effects of repeated psychosocial stress during adolescence in mice mutant for the schizophrenia risk gene neuregulin-1: a putative model of gene environment interaction. *Brain, Behavior, and Immunity*, **2012**, 26, 660-71	16.6	68
23	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	5.6	72
22	Review article: probiotics for the treatment of irritable bowel syndrome--focus on lactic acid bacteria. *Alimentary Pharmacology and Therapeutics*, **2012**, 35, 403-13	6.1	149

21	Menstrual cycle influences Toll-like receptor responses. *NeuroImmunoModulation*, **2012**, 19, 171-9	2.5	9
20	Genetic vs. pharmacological inactivation of COMT influences cannabinoid-induced expression of schizophrenia-related phenotypes. *International Journal of Neuropsychopharmacology*, **2012**, 15, 1331-42	5.8	49
19	Dynamic 5-HT2C receptor editing in a mouse model of obesity. *PLoS ONE*, **2012**, 7, e32266	3.7	28
18	Brain-gut-microbe communication in health and disease. *Frontiers in Physiology*, **2011**, 2, 94	4.6	512
17	Differential stress-induced alterations in tryptophan hydroxylase activity and serotonin turnover in two inbred mouse strains. *Neuropharmacology*, **2011**, 60, 683-91	5.5	38
16	Strain differences in the neurochemical response to chronic restraint stress in the rat: relevance to depression. *Pharmacology Biochemistry and Behavior*, **2011**, 97, 690-9	3.9	63
15	Marked elevations in pro-inflammatory polyunsaturated fatty acid metabolites in females with irritable bowel syndrome. *Journal of Lipid Research*, **2010**, 51, 1186-92	6.3	41
14	A sensitive period of mice inhibitory system to neonatal GABA enhancement by vigabatrin is brain region dependent. *Neuropsychopharmacology*, **2010**, 35, 1138-54	8.7	18
13	Effects of the probiotic Bifidobacterium infantis in the maternal separation model of depression. *Neuroscience*, **2010**, 170, 1179-88	3.9	630
12	Antagonist but not agonist labeling of serotonin-1A receptors is decreased in major depressive disorder. *Journal of Psychiatric Research*, **2009**, 43, 887-94	5.2	35
11	Verapamil in treatment resistant depression: a role for the P-glycoprotein transporter?. *Human Psychopharmacology*, **2009**, 24, 217-23	2.3	27
10	Tryptophan degradation in irritable bowel syndrome: evidence of indoleamine 2,3-dioxygenase activation in a male cohort. *BMC Gastroenterology*, **2009**, 9, 6	3	89
9	Chain reactions: early-life stress alters the metabolic profile of plasma polyunsaturated fatty acids in adulthood. *Behavioural Brain Research*, **2009**, 205, 319-21	3.4	27
8	Irritable bowel syndrome: towards biomarker identification. *Trends in Molecular Medicine*, **2009**, 15, 478-89	12.5	141
7	A serologic test for irritable bowel syndrome: real meat or bare bones?. *Gastroenterology*, **2009**, 137, 2168-70	13.3	2
6	Kynurenine pathway in psychosis: evidence of increased tryptophan degradation. *Journal of Psychopharmacology*, **2009**, 23, 287-94	4.6	70
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