Karen-Anne Mcvey Neufeld

List of Publications by Year
in descending order

19 papers	3,023 citations	567281 15 h-index	794594 19 g-index
21 all docs	21 docs citations	21 times ranked	4741 citing authors

#	Article	IF	Citations
1	Animal models of visceral pain and the role of the microbiome. Neurobiology of Pain (Cambridge, Mass) Tj ETQq1 1 0.784314 rgBT /O	2.5	7
2	Loss of vagal integrity disrupts immune components of the microbiota-gut-brain axis and inhibits the effect of Lactobacillus rhamnosus on behavior and the corticosterone stress response. Neuropharmacology, 2021, 195, 108682.	4.1	34
3	The enduring effects of earlyâ€life stress on the microbiotaâ€“gutâ€“brain axis are buffered by dietary supplementation with milk fat globule membrane and a prebiotic blend. European Journal of Neuroscience, 2020, 51, 1042-1058.	2.6	44
4	Prenatal low-dose penicillin results in long-term sex-specific changes to murine behaviour, immune regulation, and gut microbiota. Brain, Behavior, and Immunity, 2020, 84, 154-163.	4.1	36
5	Increased persistence of avoidance behaviour and social deficits with L.rhamnosus JB-1 or selective serotonin reuptake inhibitor treatment following social defeat. Scientific Reports, 2020, 10, 13485.	3.3	10
6	Sex dependent effects of post-natal penicillin on brain, behavior and immune regulation are prevented by concurrent probiotic treatment. Scientific Reports, 2020, 10, 10318.	3.3	11
7	CD4+CD25+ T Cells are Essential for Behavioral Effects of Lactobacillus rhamnosus JB-1 in Male BALB/c mice. Brain, Behavior, and Immunity, 2020, 88, 451-460.	4.1	30
8	The vagus nerve is necessary for the rapid and widespread neuronal activation in the brain following oral administration of psychoactive bacteria. Neuropharmacology, 2020, 170, 108067.	4.1	31
9	Lactobacillus rhamnosus GG soluble mediators ameliorate early life stress-induced visceral hypersensitivity and changes in spinal cord gene expression. Neuronal Signaling, 2020, 4, NS20200007.	3.2	15
10	Oral selective serotonin reuptake inhibitors activate vagus nerve dependent gut-brain signalling. Scientific Reports, 2019, 9, 14290.	3.3	67
11	Antibiotics and the nervous system: More than just the microbes?. Brain, Behavior, and Immunity, 2019, 77, 7-15.	4.1	46
12	Neurobehavioural effects of Lactobacillus rhamnosus GG alone and in combination with prebiotics polydextrose and galactooligosaccharide in male rats exposed to early-life stress. Nutritional Neuroscience, 2019, 22, 425-434.	3.1	79
13	Mouse Strain Affects Behavioral and Neuroendocrine Stress Responses Following Administration of Probiotic Lactobacillus rhamnosus JB-1 or Traditional Antidepressant Fluoxetine. Frontiers in Neuroscience, 2018, 12, 294.	2.8	49
14	Reframing the Teenage Wasteland: Adolescent Microbiota-Gut-Brain Axis. Canadian Journal of Psychiatry, 2016, 61, 214-221.	1.9	41
15	Whatâ€™s bugging your teen?â€”The microbiota and adolescent mental health. Neuroscience and Biobehavioral Reviews, 2016, 70, 300-312.	6.1	44
16	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.	2.1	419
17	The TRPV1 channel in rodents is a major target for antinociceptive effect of the probiotic Lactobacillus reuteri DSM 17938. Journal of Physiology, 2015, 593, 3943-3957.	2.9	98
18	Gutâ€“brain axis: how the microbiome influences anxiety and depression. Trends in Neurosciences, 2013, 36, 305-312.	8.6	1,773

#	Article	IF	Citations
19	Psychoactive bacteriaLactobacillus rhamnosus(JB-1) elicits rapid frequency facilitation in vagal afferents. American Journal of Physiology - Renal Physiology, 2013, 304, G211-G220.	3.4	189