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List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

3,706
citations

331670

21
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

4267
citing authors

#	ARTICLE	IF	CITATIONS
1	The Microbiota-Gut-Brain Axis. <i>Physiological Reviews</i> , 2019, 99, 1877-2013.	28.8	2,304
2	Making Sense of the Microbiome in Psychiatry. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 37-52.	2.1	142
3	Microbiota from young mice counteracts selective age-associated behavioral deficits. <i>Nature Aging</i> , 2021, 1, 666-676.	11.6	132
4	Mid-life microbiota crises: middle age is associated with pervasive neuroimmune alterations that are reversed by targeting the gut microbiome. <i>Molecular Psychiatry</i> , 2020, 25, 2567-2583.	7.9	102
5	Gutted! Unraveling the Role of the Microbiome in Major Depressive Disorder. <i>Harvard Review of Psychiatry</i> , 2020, 28, 26-39.	2.1	94
6	Mining microbes for mental health: Determining the role of microbial metabolic pathways in human brain health and disease. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 125, 698-761.	6.1	80
7	Preventing adolescent stress-induced cognitive and microbiome changes by diet. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9644-9651.	7.1	79
8	Social interaction-induced activation of RNA splicing in the amygdala of microbiome-deficient mice. <i>eLife</i> , 2018, 7, .	6.0	73
9	PROVIT: Supplementary Probiotic Treatment and Vitamin B7 in Depression—A Randomized Controlled Trial. <i>Nutrients</i> , 2020, 12, 3422.	4.1	67
10	Enduring Behavioral Effects Induced by Birth by Caesarean Section in the Mouse. <i>Current Biology</i> , 2020, 30, 3761-3774.e6.	3.9	65
11	Chronic intermittent hypoxia disrupts cardiorespiratory homeostasis and gut microbiota composition in adult male guinea-pigs. <i>EBioMedicine</i> , 2018, 38, 191-205.	6.1	61
12	Volatility as a Concept to Understand the Impact of Stress on the Microbiome. <i>Psychoneuroendocrinology</i> , 2021, 124, 105047.	2.7	54
13	Polyphenols selectively reverse early-life stress-induced behavioural, neurochemical and microbiota changes in the rat. <i>Psychoneuroendocrinology</i> , 2020, 116, 104673.	2.7	49
14	A specific dietary fibre supplementation improves cognitive performance—an exploratory randomised, placebo-controlled, crossover study. <i>Psychopharmacology</i> , 2021, 238, 149-163.	3.1	46
15	Resilience to chronic stress is associated with specific neurobiological, neuroendocrine and immune responses. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 583-594.	4.1	45
16	Enduring neurobehavioral effects induced by microbiota depletion during the adolescent period. <i>Translational Psychiatry</i> , 2020, 10, 382.	4.8	38
17	Manipulation of gut microbiota blunts the ventilatory response to hypercapnia in adult rats. <i>EBioMedicine</i> , 2019, 44, 618-638.	6.1	37
18	Sex-dependent associations between addiction-related behaviors and the microbiome in outbred rats. <i>EBioMedicine</i> , 2020, 55, 102769.	6.1	36

#	ARTICLE	IF	CITATIONS
19	Recipe for a Healthy Gut: Intake of Unpasteurised Milk Is Associated with Increased Lactobacillus Abundance in the Human Gut Microbiome. <i>Nutrients</i> , 2020, 12, 1468.	4.1	29
20	Maternal antibiotic administration during a critical developmental window has enduring neurobehavioural effects in offspring mice. <i>Behavioural Brain Research</i> , 2021, 404, 113156.	2.2	26
21	Natural compulsive-like behaviour in the deer mouse (<i>Peromyscus maniculatus bairdii</i>) is associated with altered gut microbiota composition. <i>European Journal of Neuroscience</i> , 2020, 51, 1419-1427.	2.6	25
22	Improvements in sleep indices during exam stress due to consumption of a <i>Bifidobacterium longum</i> . <i>Brain, Behavior, & Immunity - Health</i> , 2021, 10, 100174.	2.5	25
23	Adolescent dietary manipulations differentially affect gut microbiota composition and amygdala neuroimmune gene expression in male mice in adulthood. <i>Brain, Behavior, and Immunity</i> , 2020, 87, 666-678.	4.1	23
24	Taxonomic and Functional Fecal Microbiota Signatures Associated With Insulin Resistance in Non-Diabetic Subjects With Overweight/Obesity Within the Frame of the PREDIMED-Plus Study. <i>Frontiers in Endocrinology</i> , 2022, 13, 804455.	3.5	19
25	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. <i>EBioMedicine</i> , 2020, 59, 102968.	6.1	16
26	The Microbiota-Gut-Brain Axis in Mental Health and Medication Response: Parsing Directionality and Causality. <i>International Journal of Neuropsychopharmacology</i> , 2021, 24, 216-220.	2.1	8
27	Protein quality and quantity influence the effect of dietary fat on weight gain and tissue partitioning via host-microbiota changes. <i>Cell Reports</i> , 2021, 35, 109093.	6.4	8
28	Sex, pain, and the microbiome: The relationship between baseline gut microbiota composition, gender and somatic pain in healthy individuals. <i>Brain, Behavior, and Immunity</i> , 2022, 104, 191-204.	4.1	8
29	Diet Prevents Social Stress-Induced Maladaptive Neurobehavioural and Gut Microbiota Changes in a Histamine-Dependent Manner. <i>International Journal of Molecular Sciences</i> , 2022, 23, 862.	4.1	7
30	The impact of psychosocial defeat stress on the bed nucleus of the stria terminalis transcriptome in adult male mice. <i>European Journal of Neuroscience</i> , 2022, 55, 67-77.	2.6	7
31	Dairy alters the microbiome, are we but skimming the surface?. <i>EBioMedicine</i> , 2021, 68, 103417.	6.1	0