Ian M Carroll

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1732356/publications.pdf

Version: 2024-02-01

44 papers	2,852 citations	201674 27 h-index	243625 44 g-index
44 all docs	44 docs citations	44 times ranked	4902 citing authors

#	Article	IF	Citations
1	Beneficial effects of eicosapentaenoic acid on the metabolic profile of obese female mice entails upregulation of HEPEs and increased abundance of enteric Akkermansia muciniphila. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2022, 1867, 159059.	2.4	9
2	The positive effect of malaria IPTp-SP on birthweight is mediated by gestational weight gain but modifiable by maternal carriage of enteric pathogens. EBioMedicine, 2022, 77, 103871.	6.1	10
3	A microbial signature following bariatric surgery is robustly consistent across multiple cohorts. Gut Microbes, 2021, 13, 1930872.	9.8	15
4	Gut microbial communities from patients with anorexia nervosa do not influence body weight in recipient germ-free mice. Gut Microbes, 2021, 13, 1-15.	9.8	14
5	The intestinal microbiota and anorexia nervosa: Cause or consequence of nutrient deprivation. Current Opinion in Endocrine and Metabolic Research, 2021, 19, 46-51.	1.4	9
6	Reframing anorexia nervosa as a metabo-psychiatric disorder. Trends in Endocrinology and Metabolism, 2021, 32, 752-761.	7.1	28
7	Comparison of Dual-Energy X-ray Absorptiometry and Bioelectrical Impedance Analysis in the Assessment of Body Composition in Women with Anorexia Nervosa upon Admission and Discharge from an Inpatient Specialist Unit. International Journal of Environmental Research and Public Health, 2021, 18, 11388.	2.6	8
8	Resolvin E1 derived from eicosapentaenoic acid prevents hyperinsulinemia and hyperglycemia in a host genetic manner. FASEB Journal, 2020, 34, 10640-10656.	0.5	43
9	The Binge Eating Genetics Initiative (BEGIN): study protocol. BMC Psychiatry, 2020, 20, 307.	2.6	19
10	Identifying mechanisms that predict weight trajectory after bariatric surgery: rationale and design of the biobehavioral trial. Surgery for Obesity and Related Diseases, 2020, 16, 1816-1826.	1.2	20
11	Sequence variant analysis reveals poor correlations in microbial taxonomic abundance between humans and mice after gnotobiotic transfer. ISME Journal, 2020, 14, 1809-1820.	9.8	30
12	Gut-Brain Interactions. Gastroenterology Clinics of North America, 2019, 48, 343-356.	2.2	10
13	Reconceptualizing anorexia nervosa. Psychiatry and Clinical Neurosciences, 2019, 73, 518-525.	1.8	48
14	Faecal Proteases from Pouchitis Patients Activate Protease Activating Receptor-2 to Disrupt the Epithelial Barrier. Journal of Crohn's and Colitis, 2019, 13, 1558-1568.	1.3	8
15	The Role of the Gut Microbiota in Sustained Weight Loss Following Roux-en-Y Gastric Bypass Surgery. Obesity Surgery, 2019, 29, 1259-1267.	2.1	36
16	Microbiota maintain colonic homeostasis by activating TLR2/MyD88/PI3K signaling in IL-10â€“producing regulatory B cells. Journal of Clinical Investigation, 2019, 129, 3702-3716.	8.2	127
17	Environmental Factors Modify the Severity of Acute DSS Colitis in Caspase-11-Deficient Mice. Inflammatory Bowel Diseases, 2018, 24, 2394-2403.	1.9	9
18	Fecal and Mucosa-Associated Intestinal Microbiota in Patients with Diarrhea-Predominant Irritable Bowel Syndrome. Digestive Diseases and Sciences, 2018, 63, 1890-1899.	2.3	72

#	Article	IF	Citations
19	A High-Throughput Organoid Microinjection Platform to Study Gastrointestinal Microbiota and Luminal Physiology. Cellular and Molecular Gastroenterology and Hepatology, 2018, 6, 301-319.	4.5	168
20	Intestinal Microbial and Metabolic Alterations Following Successful Fecal Microbiota Transplant for Dâ€Lactic Acidosis. Journal of Pediatric Gastroenterology and Nutrition, 2018, 67, 483-487.	1.8	17
21	Daily Changes in Composition and Diversity of the Intestinal Microbiota in Patients with Anorexia Nervosa: A Series of Three Cases. European Eating Disorders Review, 2017, 25, 423-427.	4.1	43
22	A preliminary examination of gut microbiota, sleep, and cognitive flexibility in healthy older adults. Sleep Medicine, 2017, 38, 104-107.	1.6	116
23	Preliminary Evidence for an Association Between the Composition of the Gut Microbiome and Cognitive Function in Neurologically Healthy Older Adults. Journal of the International Neuropsychological Society, 2017, 23, 700-705.	1.8	77
24	Eating Disorders and the Intestinal Microbiota: Mechanisms of Energy Homeostasis and Behavioral Influence. Current Psychiatry Reports, 2017, 19, 51.	4.5	51
25	Cross-modulation of pathogen-specific pathways enhances malnutrition during enteric co-infection with Giardia lamblia and enteroaggregative Escherichia coli. PLoS Pathogens, 2017, 13, e1006471.	4.7	68
26	The Gut-Brain Axis in Healthy Females: Lack of Significant Association between Microbial Composition and Diversity with Psychiatric Measures. PLoS ONE, 2017, 12, e0170208.	2.5	41
27	Can attention to the intestinal microbiota improve understanding and treatment of anorexia nervosa?. Expert Review of Gastroenterology and Hepatology, 2016, 10, 565-569.	3.0	33
28	Molecular characterization of the intestinal microbiota in patients with and without abdominal bloating. American Journal of Physiology - Renal Physiology, 2016, 310, G417-G426.	3.4	38
29	Discordant temporal development of bacterial phyla and the emergence of core in the fecal microbiota of young children. ISME Journal, 2016, 10, 1002-1014.	9.8	104
30	Escherichia coli heme oxygenase modulates host innate immune responses. Microbiology and Immunology, 2015, 59, 452-465.	1.4	19
31	Gut feelings: A role for the intestinal microbiota in anorexia nervosa?. International Journal of Eating Disorders, 2015, 48, 449-451.	4.0	38
32	The Intestinal Microbiome in Bariatric Surgery Patients. European Eating Disorders Review, 2015, 23, 496-503.	4.1	34
33	The Intestinal Microbiota in Acute Anorexia Nervosa and During Renourishment. Psychosomatic Medicine, 2015, 77, 969-981.	2.0	237
34	Enterococcus faecalis Gelatinase Mediates Intestinal Permeability via Protease-Activated Receptor 2. Infection and Immunity, 2015, 83, 2762-2770.	2.2	62
35	Testing in Microbiome-Profiling Studies with MiRKAT, the Microbiome Regression-Based Kernel Association Test. American Journal of Human Genetics, 2015, 96, 797-807.	6.2	248
36	Gut Microbiome Composition in Young Nicaraguan Children During Diarrhea Episodes and Recovery. American Journal of Tropical Medicine and Hygiene, 2015, 93, 1187-1193.	1.4	30

#	Article	IF	Citations
37	The Antipsychotic Olanzapine Interacts with the Gut Microbiome to Cause Weight Gain in Mouse. PLoS ONE, 2014, 9, e115225.	2.5	147
38	Critical design aspects involved in the study of Paneth cells and the intestinal microbiota. Gut Microbes, 2014, 5, 208-214.	9.8	15
39	Molecular detection of bacterial contamination in gnotobiotic rodent units. Gut Microbes, 2013, 4, 361-370.	9.8	39
40	Fecal Protease Activity Is Associated with Compositional Alterations in the Intestinal Microbiota. PLoS ONE, 2013, 8, e78017.	2.5	48
41	Enteric bacterial proteases in inflammatory bowel disease- pathophysiology and clinical implications. World Journal of Gastroenterology, 2013, 19, 7531.	3.3	61
42	Characterization of the Fecal Microbiota Using High-Throughput Sequencing Reveals a Stable Microbial Community during Storage. PLoS ONE, 2012, 7, e46953.	2.5	190
43	Molecular analysis of the luminal- and mucosal-associated intestinal microbiota in diarrhea-predominant irritable bowel syndrome. American Journal of Physiology - Renal Physiology, 2011, 301, G799-G807.	3.4	246
44	Luminal and mucosal-associated intestinal microbiota in patients with diarrhea-predominant irritable bowel syndrome. Gut Pathogens, 2010, 2, 19.	3.4	167