

Caroline Ivanne Le Roy

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

3,477
citations

331259

21
h-index

414034

32
g-index

39
all docs

39
docs citations

39
times ranked

5013
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale association analyses identify host factors influencing human gut microbiome composition. <i>Nature Genetics</i> , 2021, 53, 156-165.	9.4	676
2	Microbiome connections with host metabolism and habitual diet from 1,098 deeply phenotyped individuals. <i>Nature Medicine</i> , 2021, 27, 321-332.	15.2	477
3	Interplay between the human gut microbiome and host metabolism. <i>Nature Communications</i> , 2019, 10, 4505.	5.8	450
4	Effect of Diet on the Gut Microbiota: Rethinking Intervention Duration. <i>Nutrients</i> , 2019, 11, 2862.	1.7	449
5	A reference map of potential determinants for the human serum metabolome. <i>Nature</i> , 2020, 588, 135-140.	13.7	230
6	Arrhythmic Gut Microbiome Signatures Predict Risk of Type 2 Diabetes. <i>Cell Host and Microbe</i> , 2020, 28, 258-272.e6.	5.1	160
7	Synbiotic approach restores intestinal homeostasis and prolongs survival in leukaemic mice with cachexia. <i>ISME Journal</i> , 2016, 10, 1456-1470.	4.4	149
8	Socioeconomic Status and the Gut Microbiome: A TwinsUK Cohort Study. <i>Microorganisms</i> , 2019, 7, 17.	1.6	93
9	Serum metabolites reflecting gut microbiome alpha diversity predict type 2 diabetes. <i>Gut Microbes</i> , 2020, 11, 1632-1642.	4.3	65
10	The prebiotic effects of omega-3 fatty acid supplementation: A six-week randomised intervention trial. <i>Gut Microbes</i> , 2021, 13, 1-11.	4.3	63
11	Metabolomics of fecal samples: A practical consideration. <i>Trends in Food Science and Technology</i> , 2016, 57, 244-255.	7.8	58
12	Red Wine Consumption Associated With Increased Gut Microbiota α -Diversity in 3 Independent Cohorts. <i>Gastroenterology</i> , 2020, 158, 270-272.e2.	0.6	58
13	The complexities of the diet-microbiome relationship: advances and perspectives. <i>Genome Medicine</i> , 2021, 13, 10.	3.6	58
14	Self-Reported Symptoms of COVID-19, Including Symptoms Most Predictive of SARS-CoV-2 Infection, Are Heritable. <i>Twin Research and Human Genetics</i> , 2020, 23, 316-321.	0.3	57
15	New insights into the impact of <i>Lactobacillus</i> population on host-bacteria metabolic interplay. <i>Oncotarget</i> , 2015, 6, 30545-30556.	0.8	45
16	Heritable components of the human fecal microbiome are associated with visceral fat. <i>Gut Microbes</i> , 2018, 9, 61-67.	4.3	41
17	Dissecting the role of the gut microbiota and diet on visceral fat mass accumulation. <i>Scientific Reports</i> , 2019, 9, 9758.	1.6	41
18	NMR-based metabolic characterization of chicken tissues and biofluids: a model for avian research. <i>Metabolomics</i> , 2016, 12, 157.	1.4	37

#	ARTICLE	IF	CITATIONS
19	Epigenetic findings in periodontitis in UK twins: a cross-sectional study. <i>Clinical Epigenetics</i> , 2019, 11, 27.	1.8	37
20	Yoghurt consumption is associated with changes in the composition of the human gut microbiome and metabolome. <i>BMC Microbiology</i> , 2022, 22, 39.	1.3	31
21	Antibiotic treatment triggers gut dysbiosis and modulates metabolism in a chicken model of gastro-intestinal infection. <i>BMC Veterinary Research</i> , 2019, 15, 37.	0.7	29
22	The Inositol-3-Phosphate Synthase Biosynthetic Enzyme Has Distinct Catalytic and Metabolic Roles. <i>Molecular and Cellular Biology</i> , 2016, 36, 1464-1479.	1.1	22
23	Consumption of Stilbenes and Flavonoids is Linked to Reduced Risk of Obesity Independently of Fiber Intake. <i>Nutrients</i> , 2020, 12, 1871.	1.7	19
24	Epigenome-wide association study of diet quality in the Women's Health Initiative and TwinsUK cohort. <i>International Journal of Epidemiology</i> , 2021, 50, 675-684.	0.9	19
25	Drinking water application of Denagard® Tiamulin for control of <i>Brachyspira pilosicoli</i> infection of laying poultry. <i>Research in Veterinary Science</i> , 2015, 103, 87-95.	0.9	12
26	Foodomics for personalized nutrition: how far are we?. <i>Current Opinion in Food Science</i> , 2015, 4, 129-135.	4.1	12
27	Associations between UK tap water and gut microbiota composition suggest the gut microbiome as a potential mediator of health differences linked to water quality. <i>Science of the Total Environment</i> , 2020, 739, 139697.	3.9	11
28	Relationship between faecal microbiota and plasma metabolome in rats fed NK603 and MON810 GM maize from the GMO90+ study. <i>Food and Chemical Toxicology</i> , 2019, 131, 110547.	1.8	7
29	<i>Brachyspira pilosicoli</i> -induced avian intestinal spirochaetosis. <i>Microbial Ecology in Health and Disease</i> , 2015, 26, 28853.	3.8	6
30	Metabonomics-based analysis of <i>Brachyspira pilosicoli</i> 's response to tiamulin reveals metabolic activity despite significant growth inhibition. <i>Anaerobe</i> , 2017, 45, 71-77.	1.0	4
31	Characterisation, procedures and heritability of acute dietary intake in the Twins UK cohort: an observational study. <i>Nutrition Journal</i> , 2022, 21, 13.	1.5	2