

## List of Publications by Citations

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**Version:** 2024-04-10

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23 papers	3,510 citations	13 h-index	27 g-index
27 ext. papers	4,674 ext. citations	18.7 avg, IF	4.92 L-index

#	Paper	IF	Citations
23	Akkermansia muciniphila and improved metabolic health during a dietary intervention in obesity: relationship with gut microbiome richness and ecology. <i>Gut</i> , <b>2016</b> , 65, 426-36	19.2	938
22	A purified membrane protein from Akkermansia muciniphila or the pasteurized bacterium improves metabolism in obese and diabetic mice. <i>Nature Medicine</i> , <b>2017</b> , 23, 107-113	50.5	896
21	Impact of the gut microbiota on inflammation, obesity, and metabolic disease. <i>Genome Medicine</i> , <b>2016</b> , 8, 42	14.4	669
20	Molecular phenomics and metagenomics of hepatic steatosis in non-diabetic obese women. <i>Nature Medicine</i> , <b>2018</b> , 24, 1070-1080	50.5	276
19	Quantifying Diet-Induced Metabolic Changes of the Human Gut Microbiome. <i>Cell Metabolism</i> , <b>2015</b> , 22, 320-31	24.6	275
18	p58(IPK)-mediated attenuation of the proapoptotic PERK-CHOP pathway allows malignant progression upon low glucose. <i>Molecular Cell</i> , <b>2013</b> , 49, 1049-59	17.6	114
17	Metabolic retroconversion of trimethylamine N-oxide and the gut microbiota. <i>Microbiome</i> , <b>2018</b> , 6, 73	16.6	82
16	Microbial-Host Co-metabolites Are Prodromal Markers Predicting Phenotypic Heterogeneity in Behavior, Obesity, and Impaired Glucose Tolerance. <i>Cell Reports</i> , <b>2017</b> , 20, 136-148	10.6	57
15	Diet-induced metabolic changes of the human gut microbiome: importance of short-chain fatty acids, methylamines and indoles. <i>Acta Diabetologica</i> , <b>2019</b> , 56, 493-500	3.9	47
14	A Data Integration Multi-Omics Approach to Study Calorie Restriction-Induced Changes in Insulin Sensitivity. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1958	4.6	24
13	Glucotoxicity induces glucose-6-phosphatase catalytic unit expression by acting on the interaction of HIF-1 $\alpha$ with CREB-binding protein. <i>Diabetes</i> , <b>2012</b> , 61, 2451-60	0.9	23
12	The microbiome and its pharmacological targets: therapeutic avenues in cardiometabolic diseases. <i>Current Opinion in Pharmacology</i> , <b>2015</b> , 25, 36-44	5.1	19
11	The translational regulator FMRP controls lipid and glucose metabolism in mice and humans. <i>Molecular Metabolism</i> , <b>2019</b> , 21, 22-35	8.8	16
10	Human and preclinical studies of the host-gut microbiome co-metabolite hippurate as a marker and mediator of metabolic health. <i>Gut</i> , <b>2021</b> , 70, 2105-2114	19.2	13
9	The microbial-mammalian metabolic axis: a critical symbiotic relationship. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2016</b> , 19, 250-256	3.8	12
8	Combinatorial, additive and dose-dependent drug-microbiome associations. <i>Nature</i> , <b>2021</b> ,	50.4	11
7	New insights into the organisation and intracellular localisation of the two subunits of glucose-6-phosphatase. <i>Biochimie</i> , <b>2012</b> , 94, 695-703	4.6	8

6	Post-Translational Regulation of the Glucose-6-Phosphatase Complex by Cyclic Adenosine Monophosphate Is a Crucial Determinant of Endogenous Glucose Production and Is Controlled by the Glucose-6-Phosphate Transporter. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 1342-9	5.6	7
5	Are Gut Microbes Responsible for Post-dieting Weight Rebound?. <i>Cell Metabolism</i> , <b>2017</b> , 25, 6-7	24.6	5
4	Metabolic retroconversion of trimethylamine N-oxide and the gut microbiota		4
3	Microbiome and metabolome features of the cardiometabolic disease spectrum.. <i>Nature Medicine</i> , <b>2022</b> ,	50.5	4
2	Microbiome Inhibition of IRAK-4 by Trimethylamine Mediates Metabolic and Immune Benefits in High-Fat-Diet-induced Insulin Resistance		2
1	Microbiome Determinants and Physiological Effects of the Benzoate-Hippurate Microbial-Host Co-Metabolic Pathway		1