

Francesca Fava

List of Publications by Citations

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Version: 2024-04-19

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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.

42
papers

8,466
citations

23
h-index

45
g-index

45
ext. papers

10,082
ext. citations

6.3
avg, IF

5.51
L-index

#	Paper	IF	Citations
42	Metabolic endotoxemia initiates obesity and insulin resistance. <i>Diabetes</i> , 2007 , 56, 1761-72	0.9	3888
41	Selective increases of bifidobacteria in gut microflora improve high-fat-diet-induced diabetes in mice through a mechanism associated with endotoxaemia. <i>Diabetologia</i> , 2007 , 50, 2374-83	10.3	1248
40	The gut microbiota and host health: a new clinical frontier. <i>Gut</i> , 2016 , 65, 330-9	19.2	1182
39	Whole-grain wheat breakfast cereal has a prebiotic effect on the human gut microbiota: a double-blind, placebo-controlled, crossover study. <i>British Journal of Nutrition</i> , 2008 , 99, 110-20	3.6	316
38	The type and quantity of dietary fat and carbohydrate alter faecal microbiome and short-chain fatty acid excretion in a metabolic syndrome 'at-risk' population. <i>International Journal of Obesity</i> , 2013 , 37, 216-23	5.5	264
37	A Diet Low in FODMAPs Reduces Symptoms in Patients With Irritable Bowel Syndrome and A Probiotic Restores Bifidobacterium Species: A Randomized Controlled Trial. <i>Gastroenterology</i> , 2017 , 153, 936-947	13.3	208
36	Intestinal microbiota in inflammatory bowel disease: friend of foe?. <i>World Journal of Gastroenterology</i> , 2011 , 17, 557-66	5.6	205
35	Obesity and the gut microbiota: does up-regulating colonic fermentation protect against obesity and metabolic disease?. <i>Genes and Nutrition</i> , 2011 , 6, 241-60	4.3	158
34	Connecting the immune system, systemic chronic inflammation and the gut microbiome: The role of sex. <i>Journal of Autoimmunity</i> , 2018 , 92, 12-34	15.5	122
33	The gut microbiota and lipid metabolism: implications for human health and coronary heart disease. <i>Current Medicinal Chemistry</i> , 2006 , 13, 3005-21	4.3	102
32	'The way to a man's heart is through his gut microbiota'--dietary pro- and prebiotics for the management of cardiovascular risk. <i>Proceedings of the Nutrition Society</i> , 2014 , 73, 172-85	2.9	88
31	Impact of polydextrose on the faecal microbiota: a double-blind, crossover, placebo-controlled feeding study in healthy human subjects. <i>British Journal of Nutrition</i> , 2012 , 108, 471-81	3.6	80
30	Studying the human gut microbiota in the trans-omics era--focus on metagenomics and metabonomics. <i>Current Pharmaceutical Design</i> , 2009 , 15, 1415-27	3.3	70
29	Effects of Commercial Apple Varieties on Human Gut Microbiota Composition and Metabolic Output Using an In Vitro Colonic Model. <i>Nutrients</i> , 2017 , 9,	6.7	60
28	Profiling of composition and metabolic activities of the colonic microflora of growing pigs fed diets supplemented with prebiotic oligosaccharides. <i>Anaerobe</i> , 2006 , 12, 178-85	2.8	53
27	Effect of polydextrose on intestinal microbes and immune functions in pigs. <i>British Journal of Nutrition</i> , 2007 , 98, 123-33	3.6	47
26	Effects of Diet-Modulated Autologous Fecal Microbiota Transplantation on Weight Regain. <i>Gastroenterology</i> , 2021 , 160, 158-173.e10	13.3	38

25	Development of a fast and cost-effective gas chromatography-mass spectrometry method for the quantification of short-chain and medium-chain fatty acids in human biofluids. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 5555-5567	4.4	35
24	Measuring the impact of olive pomace enriched biscuits on the gut microbiota and its metabolic activity in mildly hypercholesterolaemic subjects. <i>European Journal of Nutrition</i> , 2019 , 58, 63-81	5.2	35
23	Insulin Resistance, Microbiota, and Fat Distribution Changes by a New Model of Vertical Sleeve Gastrectomy in Obese Rats. <i>Diabetes</i> , 2016 , 65, 2990-3001	0.9	34
22	Impact of dietary polydextrose fiber on the human gut metabolome. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 9944-51	5.7	28
21	Two apples a day lower serum cholesterol and improve cardiometabolic biomarkers in mildly hypercholesterolemic adults: a randomized, controlled, crossover trial. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 307-318	7	27
20	Gut microbiota and health: connecting actors across the metabolic system. <i>Proceedings of the Nutrition Society</i> , 2019 , 78, 177-188	2.9	27
19	Prebiotic Wheat Bran Fractions Induce Specific Microbiota Changes. <i>Frontiers in Microbiology</i> , 2018 , 9, 31	5.7	22
18	Effects of Exogenous Dietary Advanced Glycation End Products on the Cross-Talk Mechanisms Linking Microbiota to Metabolic Inflammation. <i>Nutrients</i> , 2020 , 12,	6.7	15
17	Gut microbiota associations with diet in irritable bowel syndrome and the effect of low FODMAP diet and probiotics. <i>Clinical Nutrition</i> , 2021 , 40, 1861-1870	5.9	15
16	Molecular identification and anti-pathogenic activities of putative probiotic bacteria isolated from faeces of healthy elderly individuals. <i>Microbial Ecology in Health and Disease</i> , 2004 , 16, 105-112		13
15	Healthy dietary patterns to reduce obesity-related metabolic disease: polyphenol-microbiome interactions unifying health effects across geography. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2020 , 23, 437-444	3.8	13
14	Influence of essential oils in diet and life-stage on gut microbiota and fillet quality of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>International Journal of Food Sciences and Nutrition</i> , 2018 , 69, 318-333	3.7	11
13	Two apples a day modulate human:microbiome co-metabolic processing of polyphenols, tyrosine and tryptophan. <i>European Journal of Nutrition</i> , 2020 , 59, 3691-3714	5.2	10
12	Extracts From subsp. Exert Antifungal Activity Against a Panel of Sensitive and Drug-Resistant Clinical Strains. <i>Frontiers in Pharmacology</i> , 2018 , 9, 382	5.6	9
11	Processed Animal Proteins from Insect and Poultry By-Products in a Fish Meal-Free Diet for Rainbow Trout: Impact on Intestinal Microbiota and Inflammatory Markers. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	9
10	Baricitinib counteracts metaflammation, thus protecting against diet-induced metabolic abnormalities in mice. <i>Molecular Metabolism</i> , 2020 , 39, 101009	8.8	8
9	Gut microbiota: Inulin regulates endothelial function: a prebiotic smoking gun?. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017 , 14, 392-394	24.2	6
8	Diet and the Gut Microbiota [How the Gut 2015 , 225-245		6

7	Gut MicrobiotaImmune System Crosstalk 2015 , 127-137		2
6	Measuring the effect of Mankai (Wolffia globosa) on the gut microbiota and its metabolic output using an in vitro colon model. <i>Journal of Functional Foods</i> , 2021 , 84, 104597	5.1	2
5	Shaping the Human Microbiome with Prebiotic Foods [Current Perspectives for Continued Development]**This is an update of: Shaping the human microbiome with prebiotic foods [current perspectives for continued development.[Food Science and Technology Bulletin 2010; 7(4): 4984. Available from: http://dx.doi.org/10.1616/1476-2137.15989 handle:		1
4	The potential role of the intestinal gut microbiota in obesity and the metabolic syndrome. <i>Food Science and Technology Bulletin</i> , 2009 , 5, 71-92 71		1
3	Ex Vivo Faecal Fermentation of human Ileal Fluid Collected After Wild Strawberry Consumption Modulates Human Microbiome Community Structure and Metabolic Output and Protects Against DNA Damage in Colonic Epithelial Cells. <i>Molecular Nutrition and Food Research</i> , 2021 , e2100405	5.9	0
2	Impact of wheat aleurone on biomarkers of cardiovascular disease, gut microbiota and metabolites in adults with high body mass index: a double-blind, placebo-controlled, randomized clinical trial.. <i>European Journal of Nutrition</i> , 2022 , 1	5.2	0
1	Post-Genomics Approaches towards Monitoring Changes within the Microbial Ecology of the Gut 2009 , 79-110		