

Francesca Fava

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

11,304
citations

201674

27
h-index

276875

41
g-index

45
all docs

45
docs citations

45
times ranked

15883
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic Endotoxemia Initiates Obesity and Insulin Resistance. <i>Diabetes</i> , 2007, 56, 1761-1772.	0.6	4,964
2	The gut microbiota and host health: a new clinical frontier. <i>Gut</i> , 2016, 65, 330-339.	12.1	1,719
3	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, 2374-2383.	6.3	1,507
4	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, 110-120.	2.3	371
5	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, 216-223.	3.4	367
6	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.	1.3	315
7	Intestinal microbiota in inflammatory bowel disease: Friend of foe?. <i>World Journal of Gastroenterology</i> , 2011, 17, 557.	3.3	253
8	Connecting the immune system, systemic chronic inflammation and the gut microbiome: The role of sex. <i>Journal of Autoimmunity</i> , 2018, 92, 12-34.	6.5	232
9	Obesity and the gut microbiota: does up-regulating colonic fermentation protect against obesity and metabolic disease?. <i>Genes and Nutrition</i> , 2011, 6, 241-260.	2.5	194
10	The Gut Microbiota and Lipid Metabolism: Implications for Human Health and Coronary Heart Disease. <i>Current Medicinal Chemistry</i> , 2006, 13, 3005-3021.	2.4	122
11	"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, 172-185.	1.0	108
12	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, 471-481.	2.3	105
13	Effects of Commercial Apple Varieties on Human Gut Microbiota Composition and Metabolic Output Using an In Vitro Colonic Model. <i>Nutrients</i> , 2017, 9, 533.	4.1	99
14	Effects of Diet-Modulated Autologous Fecal Microbiota Transplantation on Weight Regain. <i>Gastroenterology</i> , 2021, 160, 158-173.e10.	1.3	95
15	Studying the Human Gut Microbiota in the Trans-Omics Era - Focus on Metagenomics and Metabonomics. <i>Current Pharmaceutical Design</i> , 2009, 15, 1415-1427.	1.9	76
16	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.	4.7	63
17	Profiling of composition and metabolic activities of the colonic microflora of growing pigs fed diets supplemented with prebiotic oligosaccharides. <i>Anaerobe</i> , 2006, 12, 178-185.	2.1	62
18	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.	3.7	61

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19	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.	3.9	59
20	Effect of polydextrose on intestinal microbes and immune functions in pigs. <i>British Journal of Nutrition</i> , 2007, 98, 123-133.	2.3	54
21	Gut microbiota and health: connecting actors across the metabolic system. <i>Proceedings of the Nutrition Society</i> , 2019, 78, 177-188.	1.0	49
22	Prebiotic Wheat Bran Fractions Induce Specific Microbiota Changes. <i>Frontiers in Microbiology</i> , 2018, 9, 31.	3.5	45
23	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.	5.0	44
24	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.	0.6	43
25	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, 5454.	4.1	43
26	Effects of Exogenous Dietary Advanced Glycation End Products on the Cross-Talk Mechanisms Linking Microbiota to Metabolic Inflammation. <i>Nutrients</i> , 2020, 12, 2497.	4.1	40
27	Impact of Dietary Polydextrose Fiber on the Human Gut Metabolome. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 9944-9951.	5.2	30
28	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.	2.5	27
29	Baricitinib counteracts metaflammation, thus protecting against diet-induced metabolic abnormalities in mice. <i>Molecular Metabolism</i> , 2020, 39, 101009.	6.5	23
30	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.	3.9	20
31	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.	2.8	19
32	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.	3.5	18
33	Growth and Welfare of Rainbow Trout (<i>Oncorhynchus mykiss</i>) in Response to Graded Levels of Insect and Poultry By-Product Meals in Fishmeal-Free Diets. <i>Animals</i> , 2022, 12, 1698.	2.3	15
34	Extracts From <i>Hypericum hircinum</i> subsp. <i>majus</i> Exert Antifungal Activity Against a Panel of Sensitive and Drug-Resistant Clinical Strains.. <i>Frontiers in Pharmacology</i> , 2018, 9, 382.	3.5	12
35	Measuring the effect of Mankai [®] (<i>Wolffia globosa</i>) on the gut microbiota and its metabolic output using an in vitro colon model. <i>Journal of Functional Foods</i> , 2021, 84, 104597.	3.4	10
36	Bacterial clearance in Crohn's disease pathogenesis. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2010, 7, 126-128.	17.8	7

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37	Inulin regulates endothelial function: a prebiotic smoking gun?. Nature Reviews Gastroenterology and Hepatology, 2017, 14, 392-394.	17.8	7
38	Diet and the Gut Microbiota "How the Gut. , 2015, , 225-245.		6
39	Gut Microbiota"Immune System Crosstalk. , 2015, , 127-137.		6
40	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. European Journal of Nutrition, 2022, 61, 2651-2671.	3.9	5
41	Ex Vivo Fecal 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. Molecular Nutrition and Food Research, 2022, 66, e2100405.	3.3	4
42	The potential role of the intestinal gut microbiota in obesity and the metabolic syndrome. Food Science and Technology Bulletin, 2009, 5, 71-92.	0.5	3
43	Apples increased the bifidobacteria population in human in vitro colonic gut model"preliminary results. Proceedings of the Nutrition Society, 2014, 73, .	1.0	1
44	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): 49"64. Available from: http://dx.doi.org/10.1616/1476-2137.15989 handle: http://hdl.handle.net/10449/19776 . Re-published with the permission of International Food Information Service (IFIS Publishing)... , 2015, , 53-71.		1
45	Post-Genomics Approaches towards Monitoring Changes within the Microbial Ecology of the Gut. , 2009, , 79-110.		0