

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	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. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100405.	3.3	4
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, 61, 2651-2671.	3.9	5
3	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
4	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
5	Effects of Diet-Modulated Autologous Fecal Microbiota Transplantation on Weight Regain. <i>Gastroenterology</i> , 2021, 160, 158-173.e10.	1.3	95
6	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
7	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
8	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
9	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
10	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
11	Baricitinib counteracts metaflammation, thus protecting against diet-induced metabolic abnormalities in mice. <i>Molecular Metabolism</i> , 2020, 39, 101009.	6.5	23
12	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
13	Gut microbiota and health: connecting actors across the metabolic system. <i>Proceedings of the Nutrition Society</i> , 2019, 78, 177-188.	1.0	49
14	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
15	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
16	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
17	Prebiotic Wheat Bran Fractions Induce Specific Microbiota Changes. <i>Frontiers in Microbiology</i> , 2018, 9, 31.	3.5	45
18	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

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19	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
20	Inulin regulates endothelial function: a prebiotic smoking gun?. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017, 14, 392-394.	17.8	7
21	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
22	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
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.	0.6	43
24	The gut microbiota and host health: a new clinical frontier. <i>Gut</i> , 2016, 65, 330-339.	12.1	1,719
25	Diet and the Gut Microbiota "How the Gut. , 2015, , 225-245.		6
26	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." <i>Food Science and Technology Bulletin</i> 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
27	Gut Microbiota "Immune System Crosstalk. , 2015, , 127-137.		6
28	Apples increased the bifidobacteria population in human in vitro colonic gut model "Preliminary results. <i>Proceedings of the Nutrition Society</i> , 2014, 73, .	1.0	1
29	"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
30	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
31	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
32	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
33	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
34	Intestinal microbiota in inflammatory bowel disease: Friend of foe?. <i>World Journal of Gastroenterology</i> , 2011, 17, 557.	3.3	253
35	Bacterial clearance in Crohn's disease pathogenesis. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2010, 7, 126-128.	17.8	7
36	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

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37	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
38	Post-Genomics Approaches towards Monitoring Changes within the Microbial Ecology of the Gut. , 2009, , 79-110.		0
39	Whole-grain wheat breakfast cereal has a prebiotic effect on the human gut microbiota: a double-blind, placebo-controlled, crossover study. British Journal of Nutrition, 2008, 99, 110-120.	2.3	371
40	Effect of polydextrose on intestinal microbes and immune functions in pigs. British Journal of Nutrition, 2007, 98, 123-133.	2.3	54
41	Metabolic Endotoxemia Initiates Obesity and Insulin Resistance. Diabetes, 2007, 56, 1761-1772.	0.6	4,964
42	Selective increases of bifidobacteria in gut microflora improve high-fat-diet-induced diabetes in mice through a mechanism associated with endotoxaemia. Diabetologia, 2007, 50, 2374-2383.	6.3	1,507
43	Profiling of composition and metabolic activities of the colonic microflora of growing pigs fed diets supplemented with prebiotic oligosaccharides. Anaerobe, 2006, 12, 178-185.	2.1	62
44	The Gut Microbiota and Lipid Metabolism: Implications for Human Health and Coronary Heart Disease. Current Medicinal Chemistry, 2006, 13, 3005-3021.	2.4	122
45	Molecular identification and anti-pathogenic activities of putative probiotic bacteria isolated from faeces of healthy elderly individuals. Microbial Ecology in Health and Disease, 2004, 16, 105-112.	3.5	18