M Pilar Francino

List of Publications by Year
in descending order

52 papers	5,422 citations	218677 26 h-index	214800 47 g-index
55 all docs	55 docs citations	55 times ranked	7744 citing authors

#	Article	IF	Citations
1	Association of Dietary Patterns with MRI Markers of Hepatic Inflammation and Fibrosis in the MAST4HEALTH Study. International Journal of Environmental Research and Public Health, 2022, 19, 971.	2.6	2
2	Evaluation of the Effects of a Short Supplementation With Tannins on the Gut Microbiota of Healthy Subjects. Frontiers in Microbiology, 2022, 13, 848611.	3.5	10
3	The Stance4Health Project: Evaluating a Smart Personalised Nutrition Service for Gut Microbiota Modulation in Normal- and Overweight Adults and Children with Obesity, Gluten-Related Disorders or Allergy/Intolerance to Cowâ€™s Milk. Foods, 2022, 11, 1480.	4.3	10
4	Roles of Secretory Immunoglobulin A in Host-Microbiota Interactions in the Gut Ecosystem. Frontiers in Microbiology, 2022, 13, .	3.5	21
5	Prediction of degradation pathways of phenolic compounds in the human gut microbiota through enzyme promiscuity methods. Npj Systems Biology and Applications, 2022, 8, .	3.0	8
6	Effect of roasting conditions on cocoa bioactivity and gut microbiota modulation. Food and Function, 2021, 12, 9680-9692.	4.6	17
7	Enrichment of Food With Tannin Extracts Promotes Healthy Changes in the Human Gut Microbiota. Frontiers in Microbiology, 2021, 12, 625782.	3.5	28
8	Effect of Mastiha supplementation on NAFLD: The MAST4HEALTH Randomised, Controlled Trial. Molecular Nutrition and Food Research, 2021, 65, e2001178.	3.3	19
9	Nutrigenetic Interactions Might Modulate the Antioxidant and Anti-Inflammatory Status in Mastiha-Supplemented Patients With NAFLD. Frontiers in Immunology, 2021, 12, 683028.	4.8	12
10	Effect of Freezing on Gut Microbiota Composition and Functionality for In Vitro Fermentation Experiments. Nutrients, 2021, 13, 2207.	4.1	4
11	An extended reconstruction of human gut microbiota metabolism of dietary compounds. Nature Communications, 2021, 12, 4728.	12.8	19
12	Editorial: Nutrition and Behavior as Determinants of Host-Associated Microbiomes. Frontiers in Microbiology, 2021, 12, 835394.	3.5	0
13	Gut microbiome characteristics at the crossroads of metabolic health and lifestyle patterns in an adult population. Proceedings of the Nutrition Society, 2020, 79, .	1.0	0
14	Opportunities and Challenges to Microbial Symbiosis Research in the Microbiome Era. Frontiers in Microbiology, 2020, 11, 1150.	3.5	5
15	Potential probiotic salami with dietary fiber modulates metabolism and gut microbiota in a human intervention study. Journal of Functional Foods, 2020, 66, 103790.	3.4	30
16	Mastiha (Pistacia lentiscus) Improves Gut Microbiota Diversity, Hepatic Steatosis, and Disease Activity in a Biopsyâ€Confirmed Mouse Model of Advanced Nonâ€Alcoholic Steatohepatitis and Fibrosis. Molecular Nutrition and Food Research, 2019, 63, e1900927.	3.3	22
17	SUN-PO055: The Effect of Mastiha Supplement in Microbiota Composition in Patients with IBD; Preliminary Results. Clinical Nutrition, 2019, 38, S79.	5.0	0
18	Adaptation of the Human Gut Microbiota Metabolic Network During the First Year After Birth. Frontiers in Microbiology, 2019, 10, 848.	3.5	11

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19	Spent Coffee Grounds Extract, Rich in Mannooligosaccharides, Promotes a Healthier Gut Microbial Community in a Dose-Dependent Manner. Journal of Agricultural and Food Chemistry, 2019, 67, 2500-2509.	5.2	49
20	Metabolic adaptation in the human gut microbiota during pregnancy and the first year of life. EBioMedicine, 2019, 39, 497-509.	6.1	37
21	Air Pollution, Early Life Microbiome, and Development. Current Environmental Health Reports, 2018, 5, 512-521.	6.7	59
22	Effect of Food Thermal Processing on the Composition of the Gut Microbiota. Journal of Agricultural and Food Chemistry, 2018, 66, 11500-11509.	5.2	50
23	Birth Mode-Related Differences in Gut Microbiota Colonization and Immune System Development. Annals of Nutrition and Metabolism, 2018, 73, 12-16.	1.9	63
24	The Gut Microbiome and Metabolic Health. Current Nutrition Reports, 2017, 6, 16-23.	4.3	10
25	Editorial: Recent Advances in Symbiosis Research: Integrative Approaches. Frontiers in Microbiology, 2016, 7, 1331.	3.5	2
26	High frequencies of antibiotic resistance genes in infantsâ€™ meconium and early fecal samples. Journal of Developmental Origins of Health and Disease, 2016, 7, 35-44.	1.4	61
27	Antibiotics and the Human Gut Microbiome: Dysbioses and Accumulation of Resistances. Frontiers in Microbiology, 2015, 6, 1543.	3.5	613
28	Early Development of the Gut Microbiota and Immune Health. Pathogens, 2014, 3, 769-790.	2.8	139
29	Microbial Succession in the Gut: Directional Trends of Taxonomic and Functional Change in a Birth Cohort of Spanish Infants. PLoS Genetics, 2014, 10, e1004406.	3.5	164
30	Meconium microbiota types dominated by lactic acid or enteric bacteria are differentially associated with maternal eczema and respiratory problems in infants. Clinical and Experimental Allergy, 2013, 43, 198-211.	2.9	297
31	Human Microbiome and Diseases. , 2013, , 235-249.		4
32	The Ecology of Bacterial Genes and the Survival of the New. International Journal of Evolutionary Biology, 2012, 2012, 1-14.	1.0	33
33	Metagenomics and development of the gut microbiota in infants. Clinical Microbiology and Infection, 2012, 18, 21-26.	6.0	54
34	The Gut as Reservoir of Antibiotic Resistance: Microbial Diversity of Tetracycline Resistance in Mother and Infant. PLoS ONE, 2011, 6, e21644.	2.5	111
35	Comparative Metagenomics and Population Dynamics of the Gut Microbiota in Mother and Infant. Genome Biology and Evolution, 2010, 2, 53-66.	2.5	202
36	Living Large: Elucidation of the Frankia EAN1pec Genome Sequence Shows Gene Expansion and Metabolic Versatility. Current Plant Science and Biotechnology in Agriculture, 2008, , 255-255.	0.0	0

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37	Genome-Wide Experimental Determination of Barriers to Horizontal Gene Transfer. Science, 2007, 318, 1449-1452.	12.6	383
38	Selection against Spurious Promoter Motifs Correlates with Translational Efficiency across Bacteria. PLoS ONE, 2007, 2, e745.	2.5	24
39	Selection for Unequal Densities of Ïƒ70 Promoter-Like Signals in Different Regions of Large Bacterial Genomes. PLoS Genetics, 2006, 2, e185.	3.5	43
40	Positional Conservation of Clusters of Overlapping Promoter-Like Sequences in Enterobacterial Genomes. Molecular Biology and Evolution, 2006, 23, 997-1010.	8.9	4
41	Genome characteristics of facultatively symbiotic Frankia sp. strains reflect host range and host plant biogeography. Genome Research, 2006, 17, 7-15.	5.5	352
42	The Genome of the Obligately Intracellular Bacterium Ehrlichia canis Reveals Themes of Complex Membrane Structure and Immune Evasion Strategies. Journal of Bacteriology, 2006, 188, 4015-4023.	2.2	90
43	Phylogenetic Relationships of Bacteria with Special Reference to Endosymbionts and Enteric Species. , 2006, , 41-59.		9
44	An adaptive radiation model for the origin of new gene functions. Nature Genetics, 2005, 37, 573-578.	21.4	162
45	The Draft Genome of Ciona intestinalis : Insights into Chordate and Vertebrate Origins. Science, 2002, 298, 2157-2167.	12.6	1,539
46	Deamination as the Basis of Strand-Asymmetric Evolution in Transcribed Escherichia coli Sequences. Molecular Biology and Evolution, 2001, 18, 1147-1150.	8.9	96
47	Strand Symmetry Around the Î²-Globin Origin of Replication in Primates. Molecular Biology and Evolution, 2000, 17, 416-422.	8.9	35
48	Isochores result from mutation not selection. Nature, 1999, 400, 30-31.	27.8	98
49	A Comparative Genomics Approach to DNA Asymmetry. Annals of the New York Academy of Sciences, 1999, 870, 428-431.	3.8	13
50	Strand asymmetries in DNA evolution. Trends in Genetics, 1997, 13, 240-245.	6.7	228
51	Asymmetries Generated by Transcription-Coupled Repair in Enterobacterial Genes. Science, 1996, 272, 107-109.	12.6	137
52	R1 and R2 retrotransposable elements of Drosophila evolve at rates similar to those of nuclear genes.. Genetics, 1995, 139, 685-695.	2.9	42