

Nuria Salazar

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7868189/nuria-salazar-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

108
papers

6,831
citations

48
h-index

81
g-index

111
ext. papers

8,409
ext. citations

5.5
avg, IF

5.94
L-index

#	Paper	IF	Citations
108	Branched Short-Chain Fatty Acids as Biological Indicators of Microbiota Health and Links with Anthropometry. <i>Biomarkers in Disease</i> , 2022 , 1-17		
107	Daily ingestion of Akkermansia mucuciniphila for one month promotes healthy aging and increases lifespan in old female mice. <i>Biogerontology</i> , 2021 , 1	4.5	4
106	Role of Bifidobacteria on Infant Health.. <i>Microorganisms</i> , 2021 , 9,	4.9	3
105	Early-Life Development of the Bifidobacterial Community in the Infant Gut. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	11
104	New players in the relationship between diet and microbiota: the role of macromolecular antioxidant polyphenols. <i>European Journal of Nutrition</i> , 2021 , 60, 1403-1413	5.2	3
103	Impact of Extreme Obesity and Diet-Induced Weight Loss on the Fecal Metabolome and Gut Microbiota. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2000030	5.9	8
102	Intestinal microbiota alterations by dietary exposure to chemicals from food cooking and processing. Application of data science for risk prediction. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 1081-1091	6.8	3
101	Diet and Microbiota in the Elderly 2021 , 55-55		
100	Selection of Probiotics for Microbiota Modulation in Normal-Weight and Severely Obese Individuals: Focus on Gas Production and Interaction With Intestinal Epithelial Cells. <i>Frontiers in Microbiology</i> , 2021 , 12, 630572	5.7	1
99	Levels of Predominant Intestinal Microorganisms in 1 Month-Old Full-Term Babies and Weight Gain during the First Year of Life. <i>Nutrients</i> , 2021 , 13,	6.7	2
98	Effect of Intrapartum Antibiotics Prophylaxis on the Bifidobacterial Establishment within the Neonatal Gut. <i>Microorganisms</i> , 2021 , 9,	4.9	2
97	Long-Term Coffee Consumption is Associated with Fecal Microbial Composition in Humans. <i>Nutrients</i> , 2020 , 12,	6.7	25
96	An Overview on Fecal Branched Short-Chain Fatty Acids Along Human Life and as Related With Body Mass Index: Associated Dietary and Anthropometric Factors. <i>Frontiers in Microbiology</i> , 2020 , 11, 973	5.7	50
95	In Vitro Evaluation of Different Prebiotics on the Modulation of Gut Microbiota Composition and Function in Morbid Obese and Normal-Weight Subjects. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	16
94	Microbiome: Effects of Ageing and Diet. <i>Current Issues in Molecular Biology</i> , 2020 , 36, 33-62	2.9	20
93	Donated Human Milk as a Determinant Factor for the Gut Bifidobacterial Ecology in Premature Babies. <i>Microorganisms</i> , 2020 , 8,	4.9	6
92	Use of Fecal Slurry Cultures to Study In Vitro Effects of Bacteriocins on the Gut Bacterial Populations of Infants. <i>Probiotics and Antimicrobial Proteins</i> , 2020 , 12, 1218-1225	5.5	1

91	Comparison of Different Dietary Indices as Predictors of Inflammation, Oxidative Stress and Intestinal Microbiota in Middle-Aged and Elderly Subjects. <i>Nutrients</i> , 2020 , 12,	6.7	9
90	Functional Effects of EPS-Producing Administration on Energy Metabolic Alterations of Diet-Induced Obese Mice. <i>Frontiers in Microbiology</i> , 2019 , 10, 1809	5.7	19
89	Intestinal Immunomodulation and Shifts on the Gut Microbiota of BALB/c Mice Promoted by Two and Strains Isolated from Human Samples. <i>BioMed Research International</i> , 2019 , 2019, 2323540	3	1
88	Fermented Dairy Foods: Impact on Intestinal Microbiota and Health-Linked Biomarkers. <i>Frontiers in Microbiology</i> , 2019 , 10, 1046	5.7	41
87	Age-Associated Changes in Gut Microbiota and Dietary Components Related with the Immune System in Adulthood and Old Age: A Cross-Sectional Study. <i>Nutrients</i> , 2019 , 11,	6.7	55
86	Healthspan and lifespan extension by fecal microbiota transplantation into progeroid mice. <i>Nature Medicine</i> , 2019 , 25, 1234-1242	50.5	164
85	Impact of probiotics on development and behaviour in <i>Drosophila melanogaster</i> - a potential in vivo model to assess probiotics. <i>Beneficial Microbes</i> , 2019 , 10, 179-188	4.9	3
84	Exploring the interactions between serum free fatty acids and fecal microbiota in obesity through a machine learning algorithm. <i>Food Research International</i> , 2019 , 121, 533-541	7	15
83	Supplementation with grape pomace in healthy women: Changes in biochemical parameters, gut microbiota and related metabolic biomarkers. <i>Journal of Functional Foods</i> , 2018 , 45, 34-46	5.1	21
82	<i>Bifidobacterium breve</i> IPLA20005 affects in vitro the expression of <i>hly</i> and <i>luxS</i> genes, related to the virulence of <i>Listeria monocytogenes</i> Lm23. <i>Canadian Journal of Microbiology</i> , 2018 , 64, 215-221	3.2	10
81	Bioactive compounds from regular diet and faecal microbial metabolites. <i>European Journal of Nutrition</i> , 2018 , 57, 487-497	5.2	11
80	Early microbiota, antibiotics and health. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 83-91	10.3	54
79	Real-time monitoring of HT29 epithelial cells as an in vitro model for assessing functional differences among intestinal microbiotas from different human population groups. <i>Journal of Microbiological Methods</i> , 2018 , 152, 210-216	2.8	5
78	Fecal microbiota profile in a group of myasthenia gravis patients. <i>Scientific Reports</i> , 2018 , 8, 14384	4.9	19
77	Could Fecal Phenylacetic and Phenylpropionic Acids Be Used as Indicators of Health Status?. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 10438-10446	5.7	12
76	The DPP-4 inhibitor vildagliptin impacts the gut microbiota and prevents disruption of intestinal homeostasis induced by a Western diet in mice. <i>Diabetologia</i> , 2018 , 61, 1838-1848	10.3	41
75	Selection of potential probiotic bifidobacteria and prebiotics for elderly by using in vitro faecal batch cultures. <i>European Food Research and Technology</i> , 2017 , 243, 157-165	3.4	16
74	Resistant starch can improve insulin sensitivity independently of the gut microbiota. <i>Microbiome</i> , 2017 , 5, 12	16.6	82

73	Adherence to a Mediterranean Diet Influences the Fecal Metabolic Profile of Microbial-Derived Phenolics in a Spanish Cohort of Middle-Age and Older People. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 586-595	5.7	44
72	Different Intestinal Microbial Profile in Over-Weight and Obese Subjects Consuming a Diet with Low Content of Fiber and Antioxidants. <i>Nutrients</i> , 2017 , 9,	6.7	28
71	Impact of intrapartum antimicrobial prophylaxis upon the intestinal microbiota and the prevalence of antibiotic resistance genes in vaginally delivered full-term neonates. <i>Microbiome</i> , 2017 , 5, 93	16.6	110
70	Nutrition and the gut microbiome in the elderly. <i>Gut Microbes</i> , 2017 , 8, 82-97	8.8	121
69	Intestinal Dysbiosis Is Associated with Altered Short-Chain Fatty Acids and Serum-Free Fatty Acids in Systemic Lupus Erythematosus. <i>Frontiers in Immunology</i> , 2017 , 8, 23	8.4	53
68	Free Fatty Acids Profiles Are Related to Gut Microbiota Signatures and Short-Chain Fatty Acids. <i>Frontiers in Immunology</i> , 2017 , 8, 823	8.4	45
67	Intestinal Microbiota and Weight-Gain in Preterm Neonates. <i>Frontiers in Microbiology</i> , 2017 , 8, 183	5.7	23
66	Shaping the Metabolism of Intestinal Population through Diet to Improve Human Health. <i>Frontiers in Microbiology</i> , 2017 , 8, 376	5.7	93
65	Exopolysaccharides Produced by Lactic Acid Bacteria and Bifidobacteria as Fermentable Substrates by the Intestinal Microbiota. <i>Critical Reviews in Food Science and Nutrition</i> , 2016 , 56, 1440-53	11.5	97
64	A proteomic approach towards understanding the cross talk between <i>Bacteroides fragilis</i> and <i>Bifidobacterium longum</i> in coculture. <i>Canadian Journal of Microbiology</i> , 2016 , 62, 623-8	3.2	5
63	Intestinal Short Chain Fatty Acids and their Link with Diet and Human Health. <i>Frontiers in Microbiology</i> , 2016 , 7, 185	5.7	934
62	Impact of Prematurity and Perinatal Antibiotics on the Developing Intestinal Microbiota: A Functional Inference Study. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	81
61	<i>Bacteroides fragilis</i> metabolises exopolysaccharides produced by bifidobacteria. <i>BMC Microbiology</i> , 2016 , 16, 150	4.5	29
60	Intestinal microbiota development in preterm neonates and effect of perinatal antibiotics. <i>Journal of Pediatrics</i> , 2015 , 166, 538-44	3.6	250
59	The relationship between phenolic compounds from diet and microbiota: impact on human health. <i>Food and Function</i> , 2015 , 6, 2424-39	6.1	140
58	Ezetimibe and simvastatin modulate gut microbiota and expression of genes related to cholesterol metabolism. <i>Life Sciences</i> , 2015 , 132, 77-84	6.8	32
57	Red wine consumption is associated with fecal microbiota and malondialdehyde in a human population. <i>Journal of the American College of Nutrition</i> , 2015 , 34, 135-41	3.5	24
56	Enhanced butyrate formation by cross-feeding between <i>Faecalibacterium prausnitzii</i> and <i>Bifidobacterium adolescentis</i> . <i>FEMS Microbiology Letters</i> , 2015 , 362,	2.9	167

55	Inulin-type fructans modulate intestinal Bifidobacterium species populations and decrease fecal short-chain fatty acids in obese women. <i>Clinical Nutrition</i> , 2015 , 34, 501-7	5.9	162
54	Different metabolic features of Bacteroides fragilis growing in the presence of glucose and exopolysaccharides of bifidobacteria. <i>Frontiers in Microbiology</i> , 2015 , 6, 825	5.7	32
53	Impact on human health of microorganisms present in fermented dairy products: an overview. <i>BioMed Research International</i> , 2015 , 2015, 412714	3	78
52	Non Digestible Oligosaccharides Modulate the Gut Microbiota to Control the Development of Leukemia and Associated Cachexia in Mice. <i>PLoS ONE</i> , 2015 , 10, e0131009	3.7	77
51	The establishment of the infant intestinal microbiome is not affected by rotavirus vaccination. <i>Scientific Reports</i> , 2014 , 4, 7417	4.9	15
50	Positive interaction between prebiotics and thiazolidinedione treatment on adiposity in diet-induced obese mice. <i>Obesity</i> , 2014 , 22, 1653-61	8	8
49	Modulation of the gut microbiota by nutrients with prebiotic and probiotic properties. <i>Advances in Nutrition</i> , 2014 , 5, 624S-633S	10	68
48	Pilot study of diet and microbiota: interactive associations of fibers and polyphenols with human intestinal bacteria. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 5330-6	5.7	62
47	Intestinal microbiota in health and disease: role of bifidobacteria in gut homeostasis. <i>World Journal of Gastroenterology</i> , 2014 , 20, 15163-76	5.6	282
46	Immune modulating capability of two exopolysaccharide-producing Bifidobacterium strains in a Wistar rat model. <i>BioMed Research International</i> , 2014 , 2014, 106290	3	23
45	The human intestinal microbiome at extreme ages of life. Dietary intervention as a way to counteract alterations. <i>Frontiers in Genetics</i> , 2014 , 5, 406	4.5	96
44	In vitro evaluation of the impact of human background microbiota on the response to Bifidobacterium strains and fructo-oligosaccharides. <i>British Journal of Nutrition</i> , 2013 , 110, 2030-6	3.6	20
43	Interactions between Bifidobacterium and Bacteroides species in cofermentations are affected by carbon sources, including exopolysaccharides produced by bifidobacteria. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 7518-24	4.8	66
42	Fiber from a regular diet is directly associated with fecal short-chain fatty acid concentrations in the elderly. <i>Nutrition Research</i> , 2013 , 33, 811-6	4	54
41	Assessment of intestinal microbiota modulation ability of Bifidobacterium strains in in vitro fecal batch cultures from preterm neonates. <i>Anaerobe</i> , 2013 , 19, 9-16	2.8	35
40	Co-culture affects protein profile and heat tolerance of Lactobacillus delbrueckii subsp. lactis and Bifidobacterium longum. <i>Food Research International</i> , 2013 , 54, 1080-1083	7	4
39	Microbial targets for the development of functional foods accordingly with nutritional and immune parameters altered in the elderly. <i>Journal of the American College of Nutrition</i> , 2013 , 32, 399-406	3.5	52
38	Insights into the ropy phenotype of the exopolysaccharide-producing strain Bifidobacterium animalis subsp. lactis A1dOxR. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 3870-4	4.8	18

37	Population Dynamics of Some Relevant Intestinal Microbial Groups in Human Fecal Batch Cultures with Added Fermentable Xylooligosaccharides Obtained from Rice Husks. <i>BioResources</i> , 2013 , 8,	1.3	5
36	Fatty acids intake and immune parameters in the elderly. <i>Nutricion Hospitalaria</i> , 2013 , 28, 474-8	1	6
35	Immune Modulation Capability of Exopolysaccharides Synthesised by Lactic Acid Bacteria and Bifidobacteria. <i>Probiotics and Antimicrobial Proteins</i> , 2012 , 4, 227-37	5.5	122
34	Exopolysaccharide-producing Bifidobacterium strains elicit different in vitro responses upon interaction with human cells. <i>Food Research International</i> , 2012 , 46, 99-107	7	86
33	Characterization of exopolysaccharides produced by Bifidobacterium longum NB667 and its cholate-resistant derivative strain IPLA B667dCo. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 1028-35	5.7	22
32	Development of probiotic products for nutritional requirements of specific human populations. <i>Engineering in Life Sciences</i> , 2012 , 12, 368-376	3.4	14
31	Establishment and development of intestinal microbiota in preterm neonates. <i>FEMS Microbiology Ecology</i> , 2012 , 79, 763-72	4.3	268
30	Deep 16S rRNA metagenomics and quantitative PCR analyses of the premature infant fecal microbiota. <i>Anaerobe</i> , 2012 , 18, 378-80	2.8	50
29	Facultative to strict anaerobes ratio in the preterm infant microbiota: a target for intervention?. <i>Gut Microbes</i> , 2012 , 3, 583-8	8.8	47
28	Technological characterization and survival of the exopolysaccharide-producing strain <i>Lactobacillus delbrueckii</i> subsp. <i>lactis</i> 193 and its bile-resistant derivative 193+ in simulated gastric and intestinal juices. <i>Journal of Dairy Research</i> , 2011 , 78, 357-64	1.6	15
27	Adhesion of bile-adapted Bifidobacterium strains to the HT29-MTX cell line is modified after sequential gastrointestinal challenge simulated in vitro using human gastric and duodenal juices. <i>Research in Microbiology</i> , 2011 , 162, 514-9	4	36
26	Assessment of intestinal microbiota of full-term breast-fed infants from two different geographical locations. <i>Early Human Development</i> , 2011 , 87, 511-3	2.2	31
25	Safety and intestinal microbiota modulation by the exopolysaccharide-producing strains Bifidobacterium animalis IPLA R1 and Bifidobacterium longum IPLA E44 orally administered to Wistar rats. <i>International Journal of Food Microbiology</i> , 2011 , 144, 342-51	5.8	55
24	Characterization and in vitro properties of potentially probiotic Bifidobacterium strains isolated from breast-milk. <i>International Journal of Food Microbiology</i> , 2011 , 149, 28-36	5.8	92
23	How do bifidobacteria counteract environmental challenges? Mechanisms involved and physiological consequences. <i>Genes and Nutrition</i> , 2011 , 6, 307-18	4.3	76
22	Exopolysaccharides produced by <i>Lactobacillus</i> and Bifidobacterium strains abrogate in vitro the cytotoxic effect of bacterial toxins on eukaryotic cells. <i>Journal of Applied Microbiology</i> , 2010 , 109, 2079-86	4.7	84
21	Genetic basis of tetracycline resistance in Bifidobacterium animalis subsp. <i>lactis</i> . <i>Applied and Environmental Microbiology</i> , 2010 , 76, 3364-9	4.8	57
20	Exopolysaccharides produced by lactic acid bacteria in food and probiotic applications 2010 , 885-902		7

19	Bile affects the synthesis of exopolysaccharides by <i>Bifidobacterium animalis</i> . <i>Applied and Environmental Microbiology</i> , 2009 , 75, 1204-7	4.8	81
18	Exopolysaccharides produced by <i>Bifidobacterium longum</i> IPLA E44 and <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> IPLA R1 modify the composition and metabolic activity of human faecal microbiota in pH-controlled batch cultures. <i>International Journal of Food Microbiology</i> , 2009 , 135, 260-7	5.8	118
17	Bifidogenic effect and stimulation of short chain fatty acid production in human faecal slurry cultures by oligosaccharides derived from lactose and lactulose. <i>Journal of Dairy Research</i> , 2009 , 76, 317-23	1.6	46
16	Production of exopolysaccharides by <i>Lactobacillus</i> and <i>Bifidobacterium</i> strains of human origin, and metabolic activity of the producing bacteria in milk. <i>Journal of Dairy Science</i> , 2009 , 92, 4158-68	4	94
15	Molecular characterization of intrinsic and acquired antibiotic resistance in lactic acid bacteria and bifidobacteria. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2008 , 14, 6-15	0.9	107
14	Mycelium differentiation and antibiotic production in submerged cultures of <i>Streptomyces coelicolor</i> . <i>Applied and Environmental Microbiology</i> , 2008 , 74, 3877-86	4.8	109
13	Assessment on the fermentability of xylooligosaccharides from rice husks by probiotic bacteria. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 7482-7	5.7	103
12	Exopolysaccharides produced by intestinal <i>Bifidobacterium</i> strains act as fermentable substrates for human intestinal bacteria. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 4737-45	4.8	153
11	Proteomics of stress response in <i>Bifidobacterium</i> . <i>Frontiers in Bioscience - Landmark</i> , 2008 , 13, 6905-19	2.8	38
10	Competitive exclusion of enteropathogens from human intestinal mucus by <i>Bifidobacterium</i> strains with acquired resistance to bile—a preliminary study. <i>International Journal of Food Microbiology</i> , 2007 , 113, 228-32	5.8	56
9	Induction of alpha-L-arabinofuranosidase activity by monomeric carbohydrates in <i>Bifidobacterium longum</i> and ubiquity of encoding genes. <i>Archives of Microbiology</i> , 2007 , 187, 145-53	3	22
8	Screening of exopolysaccharide-producing <i>Lactobacillus</i> and <i>Bifidobacterium</i> strains isolated from the human intestinal microbiota. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 4385-8	4.8	68
7	Exopolysaccharides produced by probiotic strains modify the adhesion of probiotics and enteropathogens to human intestinal mucus. <i>Journal of Food Protection</i> , 2006 , 69, 2011-5	2.5	169
6	Ability of <i>Bifidobacterium</i> strains with acquired resistance to bile to adhere to human intestinal mucus. <i>International Journal of Food Microbiology</i> , 2005 , 101, 341-6	5.8	53
5	Acquisition of bile salt resistance promotes antibiotic susceptibility changes in <i>bifidobacterium</i> . <i>Journal of Food Protection</i> , 2005 , 68, 1916-9	2.5	17
4	Self-triggered functional electrical stimulation during swallowing. <i>Journal of Neurophysiology</i> , 2005 , 94, 4011-8	3.2	44
3	A bile salt-resistant derivative of <i>Bifidobacterium animalis</i> has an altered fermentation pattern when grown on glucose and maltose. <i>Applied and Environmental Microbiology</i> , 2005 , 71, 6564-70	4.8	53
2	Effect of the adaptation to high bile salts concentrations on glycosidic activity, survival at low PH and cross-resistance to bile salts in <i>Bifidobacterium</i> . <i>International Journal of Food Microbiology</i> , 2004 , 94, 79-86	5.8	102

1 Viability and diversity of probiotic *Lactobacillus* and *Bifidobacterium* populations included in commercial fermented milks. *Food Research International*, **2004**, 37, 839-850

7 158