

Daniel Garrido

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

2,645
citations

236612

25
h-index

288905

40
g-index

45
all docs

45
docs citations

45
times ranked

2730
citing authors

#	ARTICLE	IF	CITATIONS
1	Probiotics, Microbiome and the Concept of Cross-Feeding. , 2022, , 199-220.		2
2	Modeling approaches for probing cross-feeding interactions in the human gut microbiome. Computational and Structural Biotechnology Journal, 2022, 20, 79-89.	1.9	19
3	Comparative Genomics of Clostridium baratii Reveals Strain-Level Diversity in Toxin Abundance. Microorganisms, 2022, 10, 213.	1.6	6
4	Differences in the composition and predicted functions of the intestinal microbiome of obese and normal weight adult dogs. PeerJ, 2022, 10, e12695.	0.9	6
5	Human Milk Oligosaccharides and Microbiome Homeostasis. , 2021, , 372-388.		0
6	Comparative Genomic Analysis of Novel Bifidobacterium longum subsp. longum Strains Reveals Functional Divergence in the Human Gut Microbiota. Microorganisms, 2021, 9, 1906.	1.6	11
7	<i>Atlas</i>: automatic modeling of regulation of bacterial gene expression and metabolism using rule-based languages. Bioinformatics, 2021, 36, 5473-5480.	1.8	7
8	Assessment of Changes in the Oral Microbiome That Occur in Dogs with Periodontal Disease. Veterinary Sciences, 2021, 8, 291.	0.6	15
9	Recent advances in the infant gut microbiome and health. , 2020, , 33-38.		0
10	Molecular Insights Into O-Linked Glycan Utilization by Gut Microbes. Frontiers in Microbiology, 2020, 11, 591568.	1.5	27
11	Inferring composition and function of the human gut microbiome in time and space: A review of genome-scale metabolic modelling tools. Computational and Structural Biotechnology Journal, 2020, 18, 3897-3904.	1.9	15
12	Engineered Probiotics for Detection and Treatment of Inflammatory Intestinal Diseases. Frontiers in Bioengineering and Biotechnology, 2020, 8, 265.	2.0	51
13	Species Deletions from Microbiome Consortia Reveal Key Metabolic Interactions between Gut Microbes. MSystems, 2019, 4, .	1.7	79
14	Short-term impact of sucralose consumption on the metabolic response and gut microbiome of healthy adults. British Journal of Nutrition, 2019, 122, 856-862.	1.2	63
15	Pleione: A tool for statistical and multi-objective calibration of Rule-based models. Scientific Reports, 2019, 9, 15104.	1.6	4
16	The Gut Microbiome After Bariatric Surgery. , 2019, , 235-242.		2
17	Anti-inflammatory effect of microbial consortia during the utilization of dietary polysaccharides. Food Research International, 2018, 109, 14-23.	2.9	37
18	Human milk oligosaccharides and infant gut bifidobacteria: Molecular strategies for their utilization. Food Microbiology, 2018, 75, 37-46.	2.1	161

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19	Stochastic simulation of multiscale complex systems with PISKaS: A rule-based approach. <i>Biochemical and Biophysical Research Communications</i> , 2018, 498, 342-351.	1.0	9
20	Draft genome sequences of <i>Cylindrospermopsis raciborskii</i> strains CS-508 and MVCC14, isolated from freshwater bloom events in Australia and Uruguay. <i>Standards in Genomic Sciences</i> , 2018, 13, 26.	1.5	4
21	Simulation and modeling of dietary changes in the infant gut microbiome. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	6
22	Evaluating the Capacity of Human Gut Microorganisms to Colonize the Zebrafish Larvae (<i>Danio rerio</i>). <i>Frontiers in Microbiology</i> , 2018, 9, 1032.	1.5	26
23	Prebiotics Mediate Microbial Interactions in a Consortium of the Infant Gut Microbiome. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2095.	1.8	34
24	Modeling Metabolic Interactions in a Consortium of the Infant Gut Microbiome. <i>Frontiers in Microbiology</i> , 2017, 8, 2507.	1.5	26
25	Human Milk Oligosaccharides and Health Promotion Through the Gut Microbiome. , 2017, , 73-86.		1
26	Distinct patterns in the gut microbiota after surgical or medical therapy in obese patients. <i>PeerJ</i> , 2017, 5, e3443.	0.9	85
27	Identification of Oligosaccharides in Feces of Breast-fed Infants and Their Correlation with the Gut Microbial Community. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2987-3002.	2.5	77
28	A novel gene cluster allows preferential utilization of fucosylated milk oligosaccharides in <i>Bifidobacterium longum</i> subsp. <i>longum</i> SC596. <i>Scientific Reports</i> , 2016, 6, 35045.	1.6	137
29	Comparative transcriptomics reveals key differences in the response to milk oligosaccharides of infant gut-associated bifidobacteria. <i>Scientific Reports</i> , 2015, 5, 13517.	1.6	144
30	Hydrolysis of milk gangliosides by infant gut associated bifidobacteria determined by microfluidic chips and high-resolution mass spectrometry. <i>Electrophoresis</i> , 2014, 35, 1742-1750.	1.3	35
31	Glycosylated proteins preserved over millennia: N-glycan analysis of Tyrolean Iceman, Scythian Princess and Warrior. <i>Scientific Reports</i> , 2014, 4, 4963.	1.6	5
32	Variation in Consumption of Human Milk Oligosaccharides by Infant Gut-Associated Strains of <i>Bifidobacterium breve</i> . <i>Applied and Environmental Microbiology</i> , 2013, 79, 6040-6049.	1.4	203
33	Utilization of galactooligosaccharides by <i>Bifidobacterium longum</i> subsp. <i>infantis</i> isolates. <i>Food Microbiology</i> , 2013, 33, 262-270.	2.1	94
34	Consumption of human milk glycoconjugates by infant-associated bifidobacteria: mechanisms and implications. <i>Microbiology (United Kingdom)</i> , 2013, 159, 649-664.	0.7	187
35	Proteomic Analysis of <i>Bifidobacterium longum</i> subsp. <i>infantis</i> Reveals the Metabolic Insight on Consumption of Prebiotics and Host Glycans. <i>PLoS ONE</i> , 2013, 8, e57535.	1.1	74
36	Endo- β -N-acetylglucosaminidases from Infant Gut-associated Bifidobacteria Release Complex N-glycans from Human Milk Glycoproteins. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 775-785.	2.5	121

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37	A Molecular Basis for Bifidobacterial Enrichment in the Infant Gastrointestinal Tract. <i>Advances in Nutrition</i> , 2012, 3, 415S-421S.	2.9	128
38	<i>Bifidobacterium longum</i> subsp. <i>infantis</i> ATCC 15697 $\hat{\pm}$ -Fucosidases Are Active on Fucosylated Human Milk Oligosaccharides. <i>Applied and Environmental Microbiology</i> , 2012, 78, 795-803.	1.4	204
39	Release and utilization of N-acetyl-d-glucosamine from human milk oligosaccharides by <i>Bifidobacterium longum</i> subsp. <i>infantis</i> . <i>Anaerobe</i> , 2012, 18, 430-435.	1.0	88
40	Oligosaccharide Binding Proteins from <i>Bifidobacterium longum</i> subsp. <i>infantis</i> Reveal a Preference for Host Glycans. <i>PLoS ONE</i> , 2011, 6, e17315.	1.1	179
41	Taqman real-time PCR for the detection and enumeration of <i>Saccharomyces cerevisiae</i> in wine. <i>Food Microbiology</i> , 2009, 26, 328-332.	2.1	33
42	Study of the coumarate decarboxylase and vinylphenol reductase activities of <i>Dekkera bruxellensis</i> (anamorph <i>Brettanomyces bruxellensis</i>) isolates. <i>Letters in Applied Microbiology</i> , 2009, 48, 452-457.	1.0	37
43	Effect of a Milk Formula With Prebiotics on the Intestinal Microbiota of Infants After an Antibiotic Treatment. <i>Pediatric Research</i> , 2006, 59, 451-456.	1.1	118
44	Characterization of human intestinal bifidobacteria using competitive PCR and PCR-TTGE. <i>FEMS Microbiology Ecology</i> , 2006, 55, 28-37.	1.3	41
45	Modulation of the fecal microbiota by the intake of a <i>Lactobacillus johnsonii</i> La1-containing product in human volunteers. <i>FEMS Microbiology Letters</i> , 2005, 248, 249-256.	0.7	44