

Marta Calatayud

List of Publications by Year in Descending Order

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Version: 2024-04-18

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

49
papers

1,104
citations

19
h-index

32
g-index

57
ext. papers

1,409
ext. citations

5.9
avg, IF

4.72
L-index

#	Paper	IF	Citations
49	Gut microbiota metabolize arsenolipids in a donor dependent way. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 239, 113662	7	0
48	Influence of Geographical Location on Maternal-Infant Microbiota: Study in Two Populations From Asia and Europe.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 663513	5.9	1
47	Versatile human in vitro triple coculture model coincubated with adhered gut microbes reproducibly mimics pro-inflammatory host-microbe interactions in the colon. <i>FASEB Journal</i> , 2021 , 35, e21992	0.9	1
46	Comparative Effect of 22 Dietary Sources of Fiber on Gut Microbiota of Healthy Humans. <i>Frontiers in Nutrition</i> , 2021 , 8, 700571	6.2	4
45	Maternal diet during pregnancy and intestinal markers are associated with early gut microbiota. <i>European Journal of Nutrition</i> , 2021 , 60, 1429-1442	5.2	13
44	Maternal Diet Shapes the Breast Milk Microbiota Composition and Diversity: Impact of Mode of Delivery and Antibiotic Exposure. <i>Journal of Nutrition</i> , 2021 , 151, 330-340	4.1	16
43	A review of the impact of xenobiotics from dietary sources on infant health: Early life exposures and the role of the microbiota. <i>Environmental Pollution</i> , 2021 , 269, 115994	9.3	4
42	Antioxidant Vitamins and Prebiotic FOS and XOS Differentially Shift Microbiota Composition and Function and Improve Intestinal Epithelial Barrier In Vitro. <i>Nutrients</i> , 2021 , 13,	6.7	8
41	Delivery of Metabolically Neuroactive Probiotics to the Human Gut. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
40	Omic methodologies for assessing metal(-loid)s-host-microbiota interplay: A review. <i>Analytica Chimica Acta</i> , 2021 , 1176, 338620	6.6	0
39	Comparison of protection and release behavior of different capsule polymer combinations based on <i>L. acidophilus</i> survivability and function and caffeine release. <i>International Journal of Pharmaceutics</i> , 2021 , 607, 120977	6.5	0
38	Chitin Glucan Shifts Luminal and Mucosal Microbial Communities, Improve Epithelial Barrier and Modulates Cytokine Production In Vitro. <i>Nutrients</i> , 2021 , 13,	6.7	2
37	Maternal Microbiota, Cortisol Concentration, and Post-Partum Weight Recovery are Dependent on Mode of Delivery. <i>Nutrients</i> , 2020 , 12,	6.7	3
36	Short-term supplementation of celecoxib-shifted butyrate production on a simulated model of the gut microbial ecosystem and ameliorated in vitro inflammation. <i>Npj Biofilms and Microbiomes</i> , 2020 , 6, 9	8.2	13
35	Supplementation of a propionate-producing consortium improves markers of insulin resistance in an in vitro model of gut-liver axis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 318, E742-E749	6	13
34	Dual and Triple Epithelial Coculture Model Systems with Donor-Derived Microbiota and THP-1 Macrophages To Mimic Host-Microbe Interactions in the Human Sinonasal Cavities. <i>MSphere</i> , 2020 , 5,	5	10
33	Perinatal environment shapes microbiota colonization and infant growth: impact on host response and intestinal function. <i>Microbiome</i> , 2020 , 8, 167	16.6	20

32	Lactacaseibacillus casei AMBR2 modulates the epithelial barrier function and immune response in a donor-derived nasal microbiota manner. <i>Scientific Reports</i> , 2020 , 10, 16939	4.9	7
31	Maternal Microbiome and Metabolic Health Program Microbiome Development and Health of the Offspring. <i>Trends in Endocrinology and Metabolism</i> , 2019 , 30, 735-744	8.8	36
30	Insights into cancer and neurodegenerative diseases through selenoproteins and the connection with gut microbiota - current analytical methodologies. <i>Expert Review of Proteomics</i> , 2019 , 16, 805-814	4.2	7
29	The response of five intestinal cell lines to anoxic conditions in vitro. <i>Biology of the Cell</i> , 2019 , 111, 232-244	3.4	4
28	Propionate-Producing Consortium Restores Antibiotic-Induced Dysbiosis in a Dynamic Model of the Human Intestinal Microbial Ecosystem. <i>Frontiers in Microbiology</i> , 2019 , 10, 1206	5.7	46
27	Arsenic exposure of child populations in Northern Argentina. <i>Science of the Total Environment</i> , 2019 , 669, 1-6	10.2	12
26	Urolithin Metabotypes Can Determine the Modulation of Gut Microbiota in Healthy Individuals by Tracking Walnuts Consumption over Three Days. <i>Nutrients</i> , 2019 , 11,	6.7	29
25	Development of a host-microbiome model of the small intestine. <i>FASEB Journal</i> , 2019 , 33, 3985-3996	0.9	13
24	Assessing the Viability of a Synthetic Bacterial Consortium on the In Vitro Gut Host-microbe Interface. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	2
23	Modelling upper respiratory tract diseases: getting grips on host-microbe interactions in chronic rhinosinusitis using in vitro technologies. <i>Microbiome</i> , 2018 , 6, 75	16.6	13
22	Salivary and Gut Microbiomes Play a Significant Role in in Vitro Oral Bioaccessibility, Biotransformation, and Intestinal Absorption of Arsenic from Food. <i>Environmental Science & Technology</i> , 2018 , 52, 14422-14435	10.3	26
21	Resolving host-microbe interactions in the gut: the promise of in vitro models to complement in vivo research. <i>Current Opinion in Microbiology</i> , 2018 , 44, 28-33	7.9	11
20	Butyrate-producing bacteria supplemented in vitro to Crohn's disease patient microbiota increased butyrate production and enhanced intestinal epithelial barrier integrity. <i>Scientific Reports</i> , 2017 , 7, 11450	4.9	203
19	Evaluation of exposure to fluoride in child population of North Argentina. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 22040-22047	5.1	5
18	Toxic trace elements at gastrointestinal level. <i>Food and Chemical Toxicology</i> , 2015 , 86, 163-75	4.7	41
17	Proinflammatory effect of trivalent arsenical species in a co-culture of Caco-2 cells and peripheral blood mononuclear cells. <i>Archives of Toxicology</i> , 2015 , 89, 555-64	5.8	11
16	Arsenic from food: biotransformations and risk assessment. <i>Current Opinion in Food Science</i> , 2015 , 6, 1-6	9.8	3
15	Arsenic Through the Gastrointestinal Tract 2015 , 281-299		2

14	Glutathione-enriched baker's yeast: production, bioaccessibility and intestinal transport assays. <i>Journal of Applied Microbiology</i> , 2014 , 116, 304-13	4.7	9
13	Trivalent arsenic species induce changes in expression and levels of proinflammatory cytokines in intestinal epithelial cells. <i>Toxicology Letters</i> , 2014 , 224, 40-6	4.4	36
12	Transformation of arsenic species during in vitro gastrointestinal digestion of vegetables. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 12164-70	5.7	21
11	Differential toxicity and gene expression in Caco-2 cells exposed to arsenic species. <i>Toxicology Letters</i> , 2013 , 218, 70-80	4.4	42
10	Intestinal transport of methylmercury and inorganic mercury in various models of Caco-2 and HT29-MTX cells. <i>Toxicology</i> , 2013 , 311, 147-53	4.4	32
9	Active films based on cocoa extract with antioxidant, antimicrobial and biological applications. <i>Food Chemistry</i> , 2013 , 139, 51-8	8.5	58
8	In vitro study of intestinal transport of inorganic and methylated arsenic species by Caco-2/HT29-MTX cocultures. <i>Chemical Research in Toxicology</i> , 2012 , 25, 2654-62	4	36
7	Metabolism of inorganic arsenic in intestinal epithelial cell lines. <i>Chemical Research in Toxicology</i> , 2012 , 25, 2402-11	4	28
6	Mercury and selenium in fish and shellfish: occurrence, bioaccessibility and uptake by Caco-2 cells. <i>Food and Chemical Toxicology</i> , 2012 , 50, 2696-702	4.7	54
5	In vitro study of transporters involved in intestinal absorption of inorganic arsenic. <i>Chemical Research in Toxicology</i> , 2012 , 25, 446-53	4	59
4	In vitro study of intestinal transport of arsenite, monomethylarsonous acid, and dimethylarsinous acid by Caco-2 cell line. <i>Toxicology Letters</i> , 2011 , 204, 127-33	4.4	35
3	Comparison of a static and a dynamic in vitro model to estimate the bioaccessibility of As, Cd, Pb and Hg from food reference materials Fucus sp. (IAEA-140/TM) and Lobster hepatopancreas (TORT-2). <i>Science of the Total Environment</i> , 2011 , 409, 604-11	10.2	48
2	Characterization of the intestinal absorption of arsenate, monomethylarsonic acid, and dimethylarsinic acid using the Caco-2 cell line. <i>Chemical Research in Toxicology</i> , 2010 , 23, 547-56	4	48
1	Estimated intake levels of methylmercury in children, childbearing age and pregnant women in a Mediterranean region, Murcia, Spain. <i>European Journal of Pediatrics</i> , 2009 , 168, 1075-80	4.1	15