Martin Gotteland

List of Publications by Year
in descending order

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83	5,032	94269	95083
papers	citations	37 h-index	68 g-index

85	85	85	6565
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Firmicutes/Bacteroidetes Ratio: A Relevant Marker of Gut Dysbiosis in Obese Patients?. Nutrients, 2020, 12, 1474.	1.7	997
2	Intestinal luminal nitrogen metabolism: Role of the gut microbiota and consequences for the host. Pharmacological Research, 2013, 68, 95-107.	3.1	349
3	The Gut Microbiota of Healthy Chilean Subjects Reveals a High Abundance of the Phylum Verrucomicrobia. Frontiers in Microbiology, 2017, 8, 1221.	1.5	225
4	Systematic review: are probiotics useful in controlling gastric colonization by Helicobacter pylori?. Alimentary Pharmacology and Therapeutics, 2006, 23, 1077-1086.	1.9	224
5	Re-print of â€œIntestinal luminal nitrogen metabolism: Role of the gut microbiota and consequences for the hostâ€. Pharmacological Research, 2013, 69, 114-126.	3.1	175
6	Effect of the ingestion of a dietary product containing Lactobacillus johnsonii La1 on Helicobacter pylori colonization in children. Nutrition, 2003, 19, 716-721.	1.1	152
7	Effect of Lactobacillus ingestion on the gastrointestinal mucosal barrier alterations induced by indometacin in humans. Alimentary Pharmacology and Therapeutics, 2001, 15, 11-17.	1.9	151
8	Modulation of Helicobacter pylori colonization with cranberry juice and Lactobacillus johnsonii La1 in children. Nutrition, 2008, 24, 421-426.	1.1	123
9	Differential protective effects of quercetin, resveratrol, rutin and epigallocatechin gallate against mitochondrial dysfunction induced by indomethacin in Caco-2 cells. Chemico-Biological Interactions, 2012, 195, 199-205.	1.7	121
10	Effect of a Milk Formula With Prebiotics on the Intestinal Microbiota of Infants After an Antibiotic Treatment. Pediatric Research, 2006, 59, 451-456.	1.1	118
11	The deleterious metabolic and genotoxic effects of the bacterial metabolite p-cresol on colonic epithelial cells. Free Radical Biology and Medicine, 2015, 85, 219-227.	1.3	108
12	Polyphenols Protect the Epithelial Barrier Function of Caco-2 Cells Exposed to Indomethacin through the Modulation of Occludin and Zonula Occludens-1 Expression. Journal of Agricultural and Food Chemistry, 2013, 61, 5291-5297.	2.4	106
13	Effect of regular ingestion of Saccharomyces boulardii plus inulin or Lactobacillus acidophilus LB in children colonized by Helicobacter pylori. Acta Paediatrica, International Journal of Paediatrics, 2005, 94, 1747-1751.	0.7	88
14	Butyrate and the Fine-Tuning of Colonic Homeostasis: Implication for Inflammatory Bowel Diseases. International Journal of Molecular Sciences, 2021, 22, 3061.	1.8	73
15	The Gastrointestinal Tract as a Key Target Organ for the Health-Promoting Effects of Dietary Proanthocyanidins. Frontiers in Nutrition, 2016, 3, 57.	1.6	70
16	Review article: intestinal barrier dysfunction and central nervous system disorders - a controversial association. Alimentary Pharmacology and Therapeutics, 2014, 40, 1187-1201.	1.9	68
17	Suppressive effect of frequent ingestion of Lactobacillus johnsonii La1 on Helicobacter pylori colonization in asymptomatic volunteers. Journal of Antimicrobial Chemotherapy, 2003, 51, 1317-1319.	1.3	67
18	Impact of Dietary Lipids on Colonic Function and Microbiota: An Experimental Approach Involving Orlistat-Induced Fat Malabsorption in Human Volunteers. Clinical and Translational Gastroenterology, 2016, 7, e161.	1.3	64

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19	3,4-dihydroxyphenylacetic acid, a microbiota-derived metabolite of quercetin, protects against pancreatic Î²-cells dysfunction induced by high cholesterol. Experimental Cell Research, 2015, 334, 270-282.	1.2	63
20	Molecular mechanisms of gastrointestinal protection by quercetin against indomethacin-induced damage: role of NF-Î²B and Nrf2. Journal of Nutritional Biochemistry, 2016, 27, 289-298.	1.9	61
21	Acemannan and Fructans from Aloe vera (Aloe barbadensis Miller) Plants as Novel Prebiotics. Journal of Agricultural and Food Chemistry, 2017, 65, 10029-10039.	2.4	58
22	Is a leaky gut involved in the pathogenesis of intrahepatic cholestasis of pregnancy?. Hepatology, 2006, 43, 715-722.	3.6	57
23	Quercetin and Epigallocatechin Gallate in the Prevention and Treatment of Obesity: From Molecular to Clinical Studies. Journal of Medicinal Food, 2019, 22, 753-770.	0.8	57
24	The Elevated Rate of Cesarean Section and Its Contribution to Non-Communicable Chronic Diseases in Latin America: The Growing Involvement of the Microbiota. Frontiers in Pediatrics, 2017, 5, 192.	0.9	55
25	Deleterious Effect of p-Cresol on Human Colonic Epithelial Cells Prevented by Proanthocyanidin-Containing Polyphenol Extracts from Fruits and Proanthocyanidin Bacterial Metabolites. Journal of Agricultural and Food Chemistry, 2016, 64, 3574-3583.	2.4	54
26	Amoxicillin treatment modifies the composition of Bifidobacterium species in infant intestinal microbiota. Anaerobe, 2010, 16, 433-438.	1.0	52
27	Nutritional Support in Alcoholic Cirrhotic Patients Improves Host Defenses. Journal of the American College of Nutrition, 1999, 18, 434-441.	1.1	51
28	The Pros and Cons of Using Algal Polysaccharides as Prebiotics. Frontiers in Nutrition, 2020, 7, 163.	1.6	51
29	Loss of the metal binding properties of metallothionein induced by hydrogen peroxide and free radicals. Toxicology, 1997, 120, 37-46.	2.0	48
30	Apple Peel Polyphenols Protect against Gastrointestinal Mucosa Alterations Induced by Indomethacin in Rats. Journal of Agricultural and Food Chemistry, 2011, 59, 6459-6466.	2.4	48
31	Modulation of the fecal microbiota by the intake of aLactobacillus johnsoniiLa1-containing product in human volunteers. FEMS Microbiology Letters, 2005, 248, 249-256.	0.7	44
32	Characterization of human intestinal bifidobacteria using competitive PCR and PCR-TTGE. FEMS Microbiology Ecology, 2006, 55, 28-37.	1.3	41
33	Protection by apple peel polyphenols against indometacin-induced oxidative stress, mitochondrial damage and cytotoxicity in Caco-2 cells. Journal of Pharmacy and Pharmacology, 2010, 62, 943-950.	1.2	40
34	Effects of probiotic or prebiotic supplemented milk formulas on fecal microbiota composition of infants. Asia Pacific Journal of Clinical Nutrition, 2006, 15, 368-76.	0.3	40
35	Stimulation of cytosolic and mitochondrial calcium mobilization by indomethacin in Caco-2 cells: Modulation by the polyphenols quercetin, resveratrol and rutin. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 2052-2061.	1.1	39
36	Local and systemic liberation of proinflammatory cytokines in ulcerative colitis. Digestive Diseases and Sciences, 1999, 44, 830-835.	1.1	38

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37	Effect of acute copper exposure on gastrointestinal permeability in healthy volunteers. Digestive Diseases and Sciences, 2001, 46, 1909-1914.	1.1	38
38	Apple Peel Polyphenol Extract Protects against Indomethacin-Induced Damage in Caco-2 Cells by Preventing Mitochondrial Complex I Inhibition. Journal of Agricultural and Food Chemistry, 2011, 59, 11501-11508.	2.4	38
39	Prebiotic ingestion does not improve gastrointestinal barrier function in burn patients. Burns, 2005, 31, 482-488.	1.1	37
40	Anti-inflammatory effect of microbial consortia during the utilization of dietary polysaccharides. Food Research International, 2018, 109, 14-23.	2.9	37
41	Overuse of Non-caloric Sweeteners in Foods and Beverages in Chile: A Threat to Consumers' Free Choice?. Frontiers in Nutrition, 2020, 7, 68.	1.6	37
42	Protective effects of boldine against free radical-induced erythrocyte lysis. Phytotherapy Research, 2000, 14, 339-343.	2.8	34
43	Sulforaphane Protects against High Cholesterol-Induced Mitochondrial Bioenergetics Impairments, Inflammation, and Oxidative Stress and Preserves PancreaticÎ²-Cells Function. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-14.	1.9	32
44	Polyphenols and their anti-obesity role mediated by the gut microbiota: a comprehensive review. Reviews in Endocrine and Metabolic Disorders, 2021, 22, 367-388.	2.6	32
45	Sucrose Permeability in Children with Gastric Damage and Helicobacter pylori Infection. Journal of Pediatric Gastroenterology and Nutrition, 1997, 24, 506-511.	0.9	32
46	Protective Effect of Boldine in Experimental Colitis. Planta Medica, 1997, 63, 311-315.	0.7	31
47	Acute Nutritional and Intestinal Changes after Pelvic Radiation. Journal of the American College of Nutrition, 2001, 20, 637-642.	1.1	31
48	Antigen absorption in rabbit bacterial diarrhea (RDEC-1). Digestive Diseases and Sciences, 1990, 35, 360-366.	1.1	30
49	Anxiogenic effects of a Lactobacillus, inulin and the synbiotic on healthy juvenile rats. Neuroscience, 2017, 359, 18-29.	1.1	28
50	Spray Freeze-Drying as an Alternative to the Ionic Gelation Method to Produce Chitosan and Alginate Nano-Particles Targeted to the Colon. Journal of Pharmaceutical Sciences, 2015, 104, 4373-4385.	1.6	27
51	Probiotic Screening and Safety Evaluation of Lactobacillus Strains from Plants, Artisanal Goat Cheese, Human Stools, and Breast Milk. Journal of Medicinal Food, 2014, 17, 487-495.	0.8	26
52	Effect of a proanthocyanidin-rich polyphenol extract from avocado on the production of amino acid-derived bacterial metabolites and the microbiota composition in rats fed a high-protein diet. Food and Function, 2019, 10, 4022-4035.	2.1	25
53	Design, development and evaluation of nanoemulsion containing avocado peel extract with anticancer potential: A novel biological active ingredient to enrich food. Food Hydrocolloids, 2021, 111, 106370.	5.6	24
54	Quercetin Oxidation Metabolite Present in Onion Peel Protects Caco-2 Cells against the Oxidative Stress, NF-kB Activation, and Loss of Epithelial Barrier Function Induced by NSAIDs. Journal of Agricultural and Food Chemistry, 2021, 69, 2157-2167.	2.4	24

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55	Antigen Absorption in Bacterial Diarrhea: In Vivo Intestinal Transport of Î²-Lactoglobulin in Rabbits Infected with the Entero-Adherent Escherichia coli Strain RDEC-1. Pediatric Research, 1989, 26, 237-240.	1.1	19
56	Polyphenol extracts interfere with bacterial lipopolysaccharide in vitro and decrease postprandial endotoxemia in human volunteers. Journal of Functional Foods, 2016, 26, 406-417.	1.6	19
57	Proanthocyanidin-containing polyphenol extracts from fruits prevent the inhibitory effect of hydrogen sulfide on human colonocyte oxygen consumption. Amino Acids, 2018, 50, 755-763.	1.2	18
58	Protective Effect of an Avocado Peel Polyphenolic Extract Rich in Proanthocyanidins on the Alterations of Colonic Homeostasis Induced by a High-Protein Diet. Journal of Agricultural and Food Chemistry, 2019, 67, 11616-11626.	2.4	18
59	Paraventricular-coerulear interactions: role in hypertension induced by prenatal undernutrition in the rat. European Journal of Neuroscience, 2006, 24, 1209-1219.	1.2	17
60	Urinary <i>D</i>-Lactate Excretion in Infants Receiving <i>Lactobacillus johnsonii</i> with Formula. Annals of Nutrition and Metabolism, 2008, 53, 240-244.	1.0	17
61	The intake of maqui (Aristotelia chilensis) berry extract normalizes H2O2 and IL-6 concentrations in exhaled breath condensate from healthy smokers - an explorative study. Nutrition Journal, 2015, 14, 27.	1.5	16
62	Effect of acute cigarette smoking, alone or with alcohol, on gastric barrier function in healthy volunteers. Digestive and Liver Disease, 2002, 34, 702-706.	0.4	15
63	Can the amount of Helicobacter pylori in the stomach be kept low through probiotic intake?. American Journal of Clinical Nutrition, 2005, 81, 939-939.	2.2	15
64	Release of Prednisolone and Inulin from a New Calcium-Alginate Chitosan-Coated Matrix System for Colonic Delivery. Journal of Pharmaceutical Sciences, 2013, 102, 2748-2759.	1.6	15
65	What goes around comes around: novel pharmacological targets in the gutâ€“brain axis. Therapeutic Advances in Gastroenterology, 2016, 9, 339-353.	1.4	14
66	Gastric permeability is not increased in children colonized by CagA-positive strains of Helicobacter pylori. Digestive and Liver Disease, 2001, 33, 750-754.	0.4	12
67	Effect of regular ingestion of Saccharomyces boulardii plus inulin or Lactobacillus acidophilus LB in children colonized by Helicobacter pylori. Acta Paediatrica, International Journal of Paediatrics, 2005, 94, 1747-1751.	0.7	12
68	Effect of the Synbiotic (<i>B. animalis </i>spp. <i>lactis </i>Bb12 + Oligofructose) in Obese Subjects. A Randomized, Double-Blind, Controlled Clinical Trial. Journal of Food and Nutrition Research (Newark, Del), 2014, 2, 491-498.	0.1	11
69	FitoquÃmicos: una nueva clase de prebiÃ³ticos. Revista Chilena De Nutricion, 2020, 47, 317-327.	0.1	11
70	In Vivo Effect of Yogurt on Excretion of Enteropathogen Escherichia coli RDEC-1 During Acute Diarrhea in the Just-Weaned Rabbit. Journal of Pediatric Gastroenterology and Nutrition, 1992, 14, 264-267.	0.9	9
71	La microbiota intestinal: Un nuevo actor en el desarrollo de la obesidad. Revista Medica De Chile, 2010, 138, .	0.1	9
72	Comparison of Argentinean microbiota with other geographical populations reveals different taxonomic and functional signatures associated with obesity. Scientific Reports, 2021, 11, 7762.	1.6	8

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73	Interference of dietary polyphenols with potentially toxic amino acid metabolites derived from the colonic microbiota. Amino Acids, 2022, 54, 311-324.	1.2	8
74	COERULEAR ACTIVATION BY CRH AND ITS ROLE IN HYPERTENSION INDUCED BY PRENATAL MALNUTRITION IN THE RAT. International Journal of Neuroscience, 2007, 117, 627-642.	0.8	6
75	Probiotics and Prebiotics in Human Health. , 2010, , 73-93.		4
76	Alterations in human milk leptin and insulin are associated with early changes in the infant intestinal microbiome. American Journal of Clinical Nutrition, 2017, 105, 234.1-234.	2.2	4
77	Effect of Cowâ€™s Milk Protein Absorption on the Anaphylactic and Systemic Immune Responses of Young Rabbits during Bacterial Diarrhoea. International Archives of Allergy and Immunology, 1992, 97, 78-82.	0.9	3
78	Prevalencia de hipolactasia en escolares de la RegiÃ³n Metropolitana. Revista Chilena De Nutricion, 2013, 40, 257-261.	0.1	3
79	Improvement in Lactose Tolerance in Hypolactasic Subjects Consuming Ice Creams with High or Low Concentrations of Bifidobacterium bifidum 900791. Foods, 2021, 10, 2468.	1.9	3
80	Identification of Lactobacillus spp. in colostrum from Chilean mothers. Archivos Latinoamericanos De Nutricion, 2011, 61, 66-8.	0.3	3
81	UTILIZACIÃ“N DE SUPLEMENTOS NUTRICIONALES PARA EL MANEJO DEL SOBREPESO Y OBESIDAD: UNA REVISIÃ“N DE LA EVIDENCIA. Revista Chilena De Nutricion, 2011, 38, 234-242.	0.1	1
82	Lactose-free Yogurts do not Show any Benefits for Lactose-Intolerant Subjects, Compared with Lactose- Containing Yogurts. , 2019, 08, .		1
83	The Future of Prebiotics and Probiotics. , 2013, , 464-493.		0