

Mar Larrosa

List of Publications by Year in descending order

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72
papers

7,072
citations

61857

43
h-index

88477

70
g-index

72
all docs

72
docs citations

72
times ranked

10004
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological Significance of Urolithins, the Gut Microbial Ellagic Acid-Derived Metabolites: The Evidence So Far. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-15.	0.5	399
2	Anti-inflammatory properties of a pomegranate extract and its metabolite urolithin-A in a colitis rat model and the effect of colon inflammation on phenolic metabolism. Journal of Nutritional Biochemistry, 2010, 21, 717-725.	1.9	393
3	Resveratrol and Clinical Trials: The Crossroad from In Vitro Studies to Human Evidence. Current Pharmaceutical Design, 2013, 19, 6064-6093.	0.9	377
4	The dietary hydrolysable tannin punicalagin releases ellagic acid that induces apoptosis in human colon adenocarcinoma Caco-2 cells by using the mitochondrial pathway. Journal of Nutritional Biochemistry, 2006, 17, 611-625.	1.9	372
5	Differences in gut microbiota profile between women with active lifestyle and sedentary women. PLoS ONE, 2017, 12, e0171352.	1.1	336
6	Ellagitannins, ellagic acid and vascular health. Molecular Aspects of Medicine, 2010, 31, 513-539.	2.7	315
7	One-year supplementation with a grape extract containing resveratrol modulates inflammatory-related microRNAs and cytokines expression in peripheral blood mononuclear cells of type 2 diabetes and hypertensive patients with coronary artery disease. Pharmacological Research, 2013, 72, 69-82.	3.1	304
8	Effect of a Low Dose of Dietary Resveratrol on Colon Microbiota, Inflammation and Tissue Damage in a DSS-Induced Colitis Rat Model. Journal of Agricultural and Food Chemistry, 2009, 57, 2211-2220.	2.4	294
9	Urolithins, Ellagic Acid-Derived Metabolites Produced by Human Colonic Microflora, Exhibit Estrogenic and Antiestrogenic Activities. Journal of Agricultural and Food Chemistry, 2006, 54, 1611-1620.	2.4	233
10	Polyphenol metabolites from colonic microbiota exert anti-inflammatory activity on different inflammation models. Molecular Nutrition and Food Research, 2009, 53, 1044-1054.	1.5	220
11	One-Year Consumption of a Grape Nutraceutical Containing Resveratrol Improves the Inflammatory and Fibrinolytic Status of Patients in Primary Prevention of Cardiovascular Disease. American Journal of Cardiology, 2012, 110, 356-363.	0.7	219
12	Alternative method for gas chromatography-mass spectrometry analysis of short-chain fatty acids in faecal samples. Journal of Separation Science, 2012, 35, 1906-1913.	1.3	203
13	Grape Resveratrol Increases Serum Adiponectin and Downregulates Inflammatory Genes in Peripheral Blood Mononuclear Cells: A Triple-Blind, Placebo-Controlled, One-Year Clinical Trial in Patients with Stable Coronary Artery Disease. Cardiovascular Drugs and Therapy, 2013, 27, 37-48.	1.3	197
14	NF- κ B-dependent anti-inflammatory activity of urolithins, gut microbiota ellagic acid-derived metabolites, in human colonic fibroblasts. British Journal of Nutrition, 2010, 104, 503-512.	1.2	180
15	Consumption of a grape extract supplement containing resveratrol decreases oxidized LDL and ApoB in patients undergoing primary prevention of cardiovascular disease: A triple-blind, 6-month follow-up, placebo-controlled, randomized trial. Molecular Nutrition and Food Research, 2012, 56, 810-821.	1.5	167
16	Gut Microbiota Modification: Another Piece in the Puzzle of the Benefits of Physical Exercise in Health?. Frontiers in Physiology, 2016, 7, 51.	1.3	156
17	Ellagitannin metabolites, urolithin A glucuronide and its aglycone urolithin A, ameliorate TNF α -induced inflammation and associated molecular markers in human aortic endothelial cells. Molecular Nutrition and Food Research, 2012, 56, 784-796.	1.5	143
18	Concentration and Solubility of Flavanones in Orange Beverages Affect Their Bioavailability in Humans. Journal of Agricultural and Food Chemistry, 2010, 58, 6516-6524.	2.4	134

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19	Inhibition of Quorum Sensing (QS) in <i>Yersinia enterocolitica</i> by an Orange Extract Rich in Glycosylated Flavanones. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 8885-8894.	2.4	124
20	Metabolites and tissue distribution of resveratrol in the pig. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1154-1168.	1.5	117
21	Grape Polyphenol Resveratrol and the Related Molecule 4-Hydroxystilbene Induce Growth Inhibition, Apoptosis, S-Phase Arrest, and Upregulation of Cyclins A, E, and B1 in Human SK-Mel-28 Melanoma Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 4576-4584.	2.4	110
22	Phase-II metabolism limits the antiproliferative activity of urolithins in human colon cancer cells. <i>European Journal of Nutrition</i> , 2014, 53, 853-864.	1.8	107
23	The grape and wine polyphenol piceatannol is a potent inducer of apoptosis in human SK-Mel-28 melanoma cells. <i>European Journal of Nutrition</i> , 2004, 43, 275-284.	1.8	105
24	Intestinal Ellagitannin Metabolites Ameliorate Cytokine-Induced Inflammation and Associated Molecular Markers in Human Colon Fibroblasts. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 8866-8876.	2.4	91
25	Strawberry Processing Does Not Affect the Production and Urinary Excretion of Urolithins, Ellagic Acid Metabolites, in Humans. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 5749-5754.	2.4	85
26	Effect of a Protein Supplement on the Gut Microbiota of Endurance Athletes: A Randomized, Controlled, Double-Blind Pilot Study. <i>Nutrients</i> , 2018, 10, 337.	1.7	84
27	Resveratrol in primary and secondary prevention of cardiovascular disease: a dietary and clinical perspective. <i>Annals of the New York Academy of Sciences</i> , 2013, 1290, 37-51.	1.8	80
28	Up-regulation of tumor suppressor carcinoembryonic antigen-related cell adhesion molecule 1 in human colon cancer Caco-2 cells following repetitive exposure to dietary levels of a polyphenol-rich chokeberry juice. <i>Journal of Nutritional Biochemistry</i> , 2007, 18, 259-271.	1.9	77
29	Bioavailability of the major bioactive diterpenoids in a rosemary extract: Metabolic profile in the intestine, liver, plasma, and brain of Zucker rats. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1834-1846.	1.5	76
30	Bioavailability of phenolics from an oleuropein-rich olive (<i>Olea europaea</i>) leaf extract and its acute effect on plasma antioxidant status: comparison between pre- and postmenopausal women. <i>European Journal of Nutrition</i> , 2014, 53, 1015-1027.	1.8	72
31	Inhibition of Gastric Lipase as a Mechanism for Body Weight and Plasma Lipids Reduction in Zucker Rats Fed a Rosemary Extract Rich in Carnosic Acid. <i>PLoS ONE</i> , 2012, 7, e39773.	1.1	71
32	Preventive Oral Treatment with Resveratrol Pro-prodrugs Drastically Reduce Colon Inflammation in Rodents. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 7365-7376.	2.9	69
33	Food phytochemicals act as Quorum Sensing inhibitors reducing production and/or degrading autoinducers of <i>Yersinia enterocolitica</i> and <i>Erwinia carotovora</i> . <i>Food Control</i> , 2012, 24, 78-85.	2.8	69
34	Microbiota Features Associated With a High-Fat/Low-Fiber Diet in Healthy Adults. <i>Frontiers in Nutrition</i> , 2020, 7, 583608.	1.6	67
35	Plant food extracts and phytochemicals: Their role as Quorum Sensing Inhibitors. <i>Trends in Food Science and Technology</i> , 2015, 43, 189-204.	7.8	64
36	Oak kombucha protects against oxidative stress and inflammatory processes. <i>Chemico-Biological Interactions</i> , 2017, 272, 1-9.	1.7	63

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37	Urolithins, ellagitannin metabolites produced by colon microbiota, inhibit Quorum Sensing in <i>Yersinia enterocolitica</i> : Phenotypic response and associated molecular changes. <i>Food Chemistry</i> , 2012, 132, 1465-1474.	4.2	60
38	Antioxidant, antimicrobial, antitopoisomerase and gastroprotective effect of herbal infusions from four <i>Quercus</i> species. <i>Industrial Crops and Products</i> , 2013, 42, 57-62.	2.5	57
39	A Rosemary Extract Rich in Carnosic Acid Selectively Modulates Caecum Microbiota and Inhibits β -Glucosidase Activity, Altering Fiber and Short Chain Fatty Acids Fecal Excretion in Lean and Obese Female Rats. <i>PLoS ONE</i> , 2014, 9, e94687.	1.1	55
40	Nutraceuticals for older people: Facts, fictions and gaps in knowledge. <i>Maturitas</i> , 2013, 75, 313-334.	1.0	50
41	Increase of Antioxidant Activity of Tomato Juice Upon Functionalisation with Vegetable Byproduct Extracts. <i>LWT - Food Science and Technology</i> , 2002, 35, 532-542.	2.5	47
42	Dietary extra-virgin olive oil rich in phenolic antioxidants and the aging process: long-term effects in the rat. <i>Journal of Nutritional Biochemistry</i> , 2010, 21, 290-296.	1.9	44
43	The effect of acute moderate-intensity exercise on the serum and fecal metabolomes and the gut microbiota of cross-country endurance athletes. <i>Scientific Reports</i> , 2021, 11, 3558.	1.6	44
44	Effects of long-term consumption of low doses of resveratrol on diet-induced mild hypercholesterolemia in pigs: a transcriptomic approach to disease prevention. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 829-837.	1.9	43
45	A Critical Mutualism “Competition Interplay Underlies the Loss of Microbial Diversity in Sedentary Lifestyle. <i>Frontiers in Microbiology</i> , 2019, 10, 3142.	1.5	39
46	Hydrocaffeic and <i>p</i> -coumaric acids, natural phenolic compounds, inhibit UV-B damage in WKD human conjunctival cells <i>in vitro</i> and rabbit eye <i>in vivo</i> . <i>Free Radical Research</i> , 2008, 42, 903-910.	1.5	36
47	Pharmacokinetic Study of <i>trans</i> -Resveratrol in Adult Pigs. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 11165-11171.	2.4	36
48	Lack of effect of oral administration of resveratrol in LPS-induced systemic inflammation. <i>European Journal of Nutrition</i> , 2011, 50, 673-680.	1.8	32
49	Resveratrol and Some Glucosyl, Glucosylacyl, and Glucuronide Derivatives Reduce <i>Escherichia coli</i> O157:H7, <i>Salmonella Typhimurium</i> , and <i>Listeria monocytogenes</i> Scott A Adhesion to Colonic Epithelial Cell Lines. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 7367-7374.	2.4	30
50	Transcriptional changes in human Caco-2 colon cancer cells following exposure to a recurrent non-toxic dose of polyphenol-rich chokeberry juice. <i>Genes and Nutrition</i> , 2007, 2, 111-113.	1.2	27
51	Detection and Quantification Methods for Viable but Non-culturable (VBNC) Cells in Process Wash Water of Fresh-Cut Produce: Industrial Validation. <i>Frontiers in Microbiology</i> , 2020, 11, 673.	1.5	27
52	Liver and colon DNA oxidative damage and gene expression profiles of rats fed <i>Arabidopsis thaliana</i> mutant seeds containing contrasted flavonoids. <i>Food and Chemical Toxicology</i> , 2008, 46, 1213-1220.	1.8	25
53	A rosemary extract enriched in carnosic acid improves circulating adipocytokines and modulates key metabolic sensors in lean Zucker rats: Critical and contrasting differences in the obese genotype. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 942-953.	1.5	24
54	Gastroprotective potential of <i>Buddleja scordioides</i> Kunth Scrophulariaceae infusions; effects into the modulation of antioxidant enzymes and inflammation markers in an <i>in vivo</i> model. <i>Journal of Ethnopharmacology</i> , 2015, 169, 280-286.	2.0	21

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55	A Dietary Resveratrol-Rich Grape Extract Prevents the Developing of Atherosclerotic Lesions in the Aorta of Pigs Fed an Atherogenic Diet. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 5609-5620.	2.4	20
56	Antioxidant capacity of tomato juice functionalised with enzymatically synthesised hydroxytyrosol. <i>Journal of the Science of Food and Agriculture</i> , 2003, 83, 658-666.	1.7	19
57	Evaluation of <i>Pseudomonas aeruginosa</i> (PAO1) adhesion to human alveolar epithelial cells A549 using SYTO 9 dye. <i>Molecular and Cellular Probes</i> , 2012, 26, 121-126.	0.9	19
58	Role of Oral and Gut Microbiota in Dietary Nitrate Metabolism and Its Impact on Sports Performance. <i>Nutrients</i> , 2020, 12, 3611.	1.7	19
59	Chronic flavanol-rich cocoa powder supplementation reduces body fat mass in endurance athletes by modifying the follistatin/myostatin ratio and leptin levels. <i>Food and Function</i> , 2020, 11, 3441-3450.	2.1	15
60	Phenolic Acids and Flavonoids in Acetonic Extract from Quince (<i>Cydonia oblonga</i> Mill.): Nutraceuticals with Antioxidant and Anti-Inflammatory Potential. <i>Molecules</i> , 2022, 27, 2462.	1.7	15
61	Polyphenol-Rich Foods for Human Health and Disease. <i>Nutrients</i> , 2020, 12, 400.	1.7	14
62	Effects of gastrointestinal digested polyphenolic enriched extracts of Chilean currants (<i>Ribes</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 129, 108848.	2.9	13
63	Key Bacteria in the Gut Microbiota Network for the Transition between Sedentary and Active Lifestyle. <i>Microorganisms</i> , 2020, 8, 785.	1.6	13
64	Bioinformatic strategies to address limitations of 16rRNA short-read amplicons from different sequencing platforms. <i>Journal of Microbiological Methods</i> , 2020, 169, 105811.	0.7	12
65	Can Gut Microbiota and Lifestyle Help Us in the Handling of Anorexia Nervosa Patients?. <i>Microorganisms</i> , 2019, 7, 58.	1.6	10
66	Bioavailability, Metabolism, and Bioactivity of Food Ellagic Acid and Related Polyphenols. , 0, , 263-277.		8
67	Effect of a Blend of <i>Zingiber officinale</i> Roscoe and <i>Bixa orellana</i> L. Herbal Supplement on the Recovery of Delayed-Onset Muscle Soreness Induced by Unaccustomed Eccentric Resistance Training: A Randomized, Triple-Blind, Placebo-Controlled Trial. <i>Frontiers in Physiology</i> , 2020, 11, 826.	1.3	8
68	Acute Impacts of Different Types of Exercise on Circulating $\hat{\pm}$ -Klotho Protein Levels. <i>Frontiers in Physiology</i> , 2021, 12, 716473.	1.3	6
69	Unraveling Gut Microbiota Signatures Associated with PPAR α and PARGC1A Genetic Polymorphisms in a Healthy Population. <i>Genes</i> , 2022, 13, 289.	1.0	4
70	Chronic Consumption of Cocoa Rich in Procyanidins Has a Marginal Impact on Gut Microbiota and on Serum and Fecal Metabolomes in Male Endurance Athletes. <i>Journal of Agricultural and Food Chemistry</i> , 2022, , .	2.4	4
71	Effects of adding post-workout microcurrent in males cross country athletes. <i>European Journal of Sport Science</i> , 2021, 21, 1708-1717.	1.4	3
72	Evaluation of a <i>Zingiber officinale</i> and <i>Bixa orellana</i> Supplement on the Gut Microbiota of Male Athletes: A Randomized Placebo-Controlled Trial. <i>Planta Medica</i> , 2022, , .	0.7	0