

Antoni Caimari

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,521
citations

304743

22
h-index

330143

37
g-index

62
all docs

62
docs citations

62
times ranked

2337
citing authors

#	ARTICLE	IF	CITATIONS
1	Serum lysophospholipidome of dietary origin as a suitable susceptibility/risk biomarker of human hypercholesterolemia: A cross-sectional study. <i>Clinical Nutrition</i> , 2022, 41, 489-499.	5.0	3
2	Effects of an Optimized Aged Garlic Extract on Cardiovascular Disease Risk Factors in Moderate Hypercholesterolemic Subjects: A Randomized, Crossover, Double-Blind, Sustained and Controlled Study. <i>Nutrients</i> , 2022, 14, 405.	4.1	8
3	Imbalances in TCA, Short Fatty Acids and One-Carbon Metabolisms as Important Features of Homeostatic Disruption Evidenced by a Multi-Omics Integrative Approach of LPS-Induced Chronic Inflammation in Male Wistar Rats. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2563.	4.1	3
4	Structured Long-Chain Omega-3 Fatty Acids for Improvement of Cognitive Function during Aging. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3472.	4.1	9
5	Serum lysophospholipidome of dietary origin as a suitable susceptibility/risk biomarker of human hypercholesterolemia: Letter to the editor. <i>Clinical Nutrition</i> , 2022, , .	5.0	0
6	Hesperidin Bioavailability Is Increased by the Presence of 2S-Diastereoisomer and Micronization”A Randomized, Crossover and Double-Blind Clinical Trial. <i>Nutrients</i> , 2022, 14, 2481.	4.1	4
7	Metabolomics “ Nutritional and Physiological Challenges. , 2021, , 14-31.		0
8	A restricted cafeteria diet ameliorates biometric and metabolic profile in a rat diet-induced obesity model. <i>International Journal of Food Sciences and Nutrition</i> , 2021, 72, 767-780.	2.8	9
9	A Pilot Study for Metabolic Profiling of Obesity-Associated Microbial Gut Dysbiosis in Male Wistar Rats. <i>Biomolecules</i> , 2021, 11, 303.	4.0	3
10	Consumption of Sourdough Breads Improves Postprandial Glucose Response and Produces Sourdough-Specific Effects on Biochemical and Inflammatory Parameters and Mineral Absorption. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 3044-3059.	5.2	7
11	Study Protocol of a Multicenter Randomized Controlled Trial to Tackle Obesity through a Mediterranean Diet vs. a Traditional Low-Fat Diet in Adolescents: The MED4Youth Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4841.	2.6	2
12	Gut Microbiota Profile and Its Association with Clinical Variables and Dietary Intake in Overweight/Obese and Lean Subjects: A Cross-Sectional Study. <i>Nutrients</i> , 2021, 13, 2032.	4.1	75
13	Chronic Effect of a Cafeteria Diet and Intensity of Resistance Training on the Circulating Lysophospholipidome in Young Rats. <i>Metabolites</i> , 2021, 11, 471.	2.9	1
14	Hesperidin in orange juice improves human endothelial function in subjects with elevated blood pressure and stage 1 hypertension: A randomized, controlled trial (Citrus study). <i>Journal of Functional Foods</i> , 2021, 85, 104646.	3.4	7
15	Combined Metabolic Activators Decrease Liver Steatosis by Activating Mitochondrial Metabolism in Hamsters Fed with a High-Fat Diet. <i>Biomedicines</i> , 2021, 9, 1440.	3.2	8
16	Effect of the consumption of hesperidin in orange juice on the transcriptomic profile of subjects with elevated blood pressure and stage 1 hypertension: A randomized controlled trial (CITRUS study). <i>Clinical Nutrition</i> , 2021, 40, 5812-5822.	5.0	4
17	Supplementation with a Specific Combination of Metabolic Cofactors Ameliorates Non-Alcoholic Fatty Liver Disease, Hepatic Fibrosis, and Insulin Resistance in Mice. <i>Nutrients</i> , 2021, 13, 3532.	4.1	11
18	Alterations in Metabolome and Microbiome Associated with an Early Stress Stage in Male Wistar Rats: A Multi-Omics Approach. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12931.	4.1	5

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19	Behavioral and Metabolic Effects of a Calorie-Restricted Cafeteria Diet and Oleuropein Supplementation in Obese Male Rats. <i>Nutrients</i> , 2021, 13, 4474.	4.1	6
20	Detection of Early Disease Risk Factors Associated with Metabolic Syndrome: A New Era with the NMR Metabolomics Assessment. <i>Nutrients</i> , 2020, 12, 806.	4.1	40
21	Effect of Hesperidin on Cardiovascular Disease Risk Factors: The Role of Intestinal Microbiota on Hesperidin Bioavailability. <i>Nutrients</i> , 2020, 12, 1488.	4.1	95
22	Supplementation with biscuits enriched with hesperidin and naringenin is associated with an improvement of the Metabolic Syndrome induced by a cafeteria diet in rats. <i>Journal of Functional Foods</i> , 2019, 61, 103504.	3.4	20
23	Dual liquid-liquid extraction followed by LC-MS/MS method for the simultaneous quantification of melatonin, cortisol, triiodothyronine, thyroxine and testosterone levels in serum: Applications to a photoperiod study in rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1108, 11-16.	2.3	15
24	Cherry consumption out of season alters lipid and glucose homeostasis in normoweight and cafeteria-fed obese Fischer 344 rats. <i>Journal of Nutritional Biochemistry</i> , 2019, 63, 72-86.	4.2	15
25	Effects of daily consumption of the probiotic <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> CECT 8145 on anthropometric adiposity biomarkers in abdominally obese subjects: a randomized controlled trial. <i>International Journal of Obesity</i> , 2019, 43, 1863-1868.	3.4	124
26	Hepatic accumulation of S-adenosylmethionine in hamsters with non-alcoholic fatty liver disease associated with metabolic syndrome under selenium and vitamin E deficiency. <i>Clinical Science</i> , 2019, 133, 409-423.	4.3	19
27	Intake of an Obesogenic Cafeteria Diet Affects Body Weight, Feeding Behavior, and Glucose and Lipid Metabolism in a Photoperiod-Dependent Manner in F344 Rats. <i>Frontiers in Physiology</i> , 2018, 9, 1639.	2.8	16
28	The Exposure to Different Photoperiods Strongly Modulates the Glucose and Lipid Metabolisms of Normoweight Fischer 344 Rats. <i>Frontiers in Physiology</i> , 2018, 9, 416.	2.8	24
29	Changes in lysophospholipids and liver status after weight loss: the RESMENA study. <i>Nutrition and Metabolism</i> , 2018, 15, 51.	3.0	23
30	Metabolomics: An emerging tool to evaluate the impact of nutritional and physiological challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 96, 79-88.	11.4	23
31	Heat-killed <i>Bifidobacterium animalis</i> subsp. <i>Lactis</i> CECT 8145 increases lean mass and ameliorates metabolic syndrome in cafeteria-fed obese rats. <i>Journal of Functional Foods</i> , 2017, 38, 251-263.	3.4	40
32	Maternal intake of grape seed procyanidins during lactation induces insulin resistance and an adiponectin resistance-like phenotype in rat offspring. <i>Scientific Reports</i> , 2017, 7, 12573.	3.3	23
33	Serum lysophospholipid levels are altered in dyslipidemic hamsters. <i>Scientific Reports</i> , 2017, 7, 10431.	3.3	12
34	Mediterranean Diet and Multi-Ingredient-Based Interventions for the Management of Non-Alcoholic Fatty Liver Disease. <i>Nutrients</i> , 2017, 9, 1052.	4.1	76
35	Impact of a cafeteria diet and daily physical training on the rat serum metabolome. <i>PLoS ONE</i> , 2017, 12, e0171970.	2.5	18
36	Impairment of lysophospholipid metabolism in obesity: altered plasma profile and desensitization to the modulatory properties of n-3 polyunsaturated fatty acids in a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 266-279.	4.7	60

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37	Treadmill Intervention Attenuates the Cafeteria Diet-Induced Impairment of Stress-Coping Strategies in Young Adult Female Rats. PLoS ONE, 2016, 11, e0153687.	2.5	18
38	White adipose tissue reference network: a knowledge resource for exploring health-relevant relations. Genes and Nutrition, 2015, 10, 439.	2.5	9
39	Peripheral blood mononuclear cells as a source to detect markers of homeostatic alterations caused by the intake of diets with an unbalanced macronutrient composition. Journal of Nutritional Biochemistry, 2015, 26, 398-407.	4.2	30
40	Differential effects of habitual chow-based and semi-purified diets on lipid metabolism in lactating rats and their offspring. British Journal of Nutrition, 2015, 113, 758-769.	2.3	4
41	Intake of grape procyanidins during gestation and lactation impairs reverse cholesterol transport and increases atherogenic risk indexes in adult offspring. Journal of Nutritional Biochemistry, 2015, 26, 1670-1677.	4.2	21
42	Grape seed procyanidins administered at physiological doses to rats during pregnancy and lactation promote lipid oxidation and up-regulate AMPK in the muscle of male offspring in adulthood. Journal of Nutritional Biochemistry, 2015, 26, 912-920.	4.2	46
43	The intake of a high-fat diet and grape seed procyanidins induces gene expression changes in peripheral blood mononuclear cells of hamsters: capturing alterations in lipid and cholesterol metabolisms. Genes and Nutrition, 2015, 10, 438.	2.5	8
44	The intake of a hazelnut skin extract improves the plasma lipid profile and reduces the lithocholic/deoxycholic bile acid faecal ratio, a risk factor for colon cancer, in hamsters fed a high-fat diet. Food Chemistry, 2015, 167, 138-144.	8.2	30
45	Sustained exposure to diets with an unbalanced macronutrient proportion alters key genes involved in energy homeostasis and obesity-related metabolic parameters in rats. Food and Function, 2014, 5, 3117-3131.	4.6	17
46	Effects Of A Post-Weaning Cafeteria Diet In Young Rats: Metabolic Syndrome, Reduced Activity And Low Anxiety-Like Behaviour. PLoS ONE, 2014, 9, e85049.	2.5	76
47	Long-term intake of soyabean phytosterols lowers serum TAG and NEFA concentrations, increases bile acid synthesis and protects against fatty liver development in dyslipidaemic hamsters. British Journal of Nutrition, 2014, 112, 663-673.	2.3	24
48	Lipidomic and metabolomic analyses reveal potential plasma biomarkers of early atheromatous plaque formation in hamsters. Cardiovascular Research, 2013, 97, 642-652.	3.8	60
49	Distribution of grape seed flavanols and their metabolites in pregnant rats and their fetuses. Molecular Nutrition and Food Research, 2013, 57, 1741-1752.	3.3	47
50	Peripheral blood mononuclear cells: a potential source of homeostatic imbalance markers associated with obesity development. Pflügers Archiv European Journal of Physiology, 2013, 465, 459-468.	2.8	55
51	Cocoa Consumption Alters the Global DNA Methylation of Peripheral Leukocytes in Humans with Cardiovascular Disease Risk Factors: A Randomized Controlled Trial. PLoS ONE, 2013, 8, e65744.	2.5	50
52	Cold exposure down-regulates adiponutrin/PNPLA3 mRNA expression and affects its nutritional regulation in adipose tissues of lean and obese Zucker rats. British Journal of Nutrition, 2012, 107, 1283-1295.	2.3	3
53	Detection of bioavailable peroxisome proliferator-activated receptor gamma modulators by a cell-based luciferase reporter system. Analytical Biochemistry, 2012, 427, 187-189.	2.4	7
54	Adipose triglyceride lipase expression and fasting regulation are differently affected by cold exposure in adipose tissues of lean and obese Zucker rats. Journal of Nutritional Biochemistry, 2012, 23, 1041-1050.	4.2	30

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55	BIOCLAIMS standard diet (BIOsd): a reference diet for nutritional physiology. Genes and Nutrition, 2012, 7, 399-404.	2.5	34
56	Feeding conditions control the expression of genes involved in sterol metabolism in peripheral blood mononuclear cells of normoweight and diet-induced (cafeteria) obese rats. Journal of Nutritional Biochemistry, 2010, 21, 1127-1133.	4.2	36
57	Peripheral Blood Mononuclear Cells as a Model to Study the Response of Energy Homeostasis-Related Genes to Acute Changes in Feeding Conditions. OMICS A Journal of Integrative Biology, 2010, 14, 129-141.	2.0	75
58	Regulation of Adiponutrin Expression by Feeding Conditions in Rats Is Altered in the Obese State*. Obesity, 2007, 15, 591-599.	3.0	27
59	Combined Metabolic Activators Decrease Liver Steatosis by Activating Mitochondrial Metabolism in a Golden Syrian Hamster Study. SSRN Electronic Journal, 0, , .	0.4	1
60	Effects of enriched seafood sticks (heat-inactivated <i>B. animalis</i> subsp. <i>lactis</i> CECT 8145, inulin, omega-3) on cardiometabolic risk factors and gut microbiota in abdominally obese subjects: randomized controlled trial. European Journal of Nutrition, 0, , .	3.9	2