

# Antoni Caimari

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

1,521  
citations

304368

22  
h-index

344852

36  
g-index

62  
all docs

62  
docs citations

62  
times ranked

2337  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.6	124
2	Effect of Hesperidin on Cardiovascular Disease Risk Factors: The Role of Intestinal Microbiota on Hesperidin Bioavailability. <i>Nutrients</i> , 2020, 12, 1488.	1.7	95
3	Effects Of A Post-Weaning Cafeteria Diet In Young Rats: Metabolic Syndrome, Reduced Activity And Low Anxiety-Like Behaviour. <i>PLoS ONE</i> , 2014, 9, e85049.	1.1	76
4	Mediterranean Diet and Multi-Ingredient-Based Interventions for the Management of Non-Alcoholic Fatty Liver Disease. <i>Nutrients</i> , 2017, 9, 1052.	1.7	76
5	Peripheral Blood Mononuclear Cells as a Model to Study the Response of Energy Homeostasis-Related Genes to Acute Changes in Feeding Conditions. <i>OMICS A Journal of Integrative Biology</i> , 2010, 14, 129-141.	1.0	75
6	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.	1.7	75
7	Lipidomic and metabolomic analyses reveal potential plasma biomarkers of early atheromatous plaque formation in hamsters. <i>Cardiovascular Research</i> , 2013, 97, 642-652.	1.8	60
8	Impairment of lysophospholipid metabolism in obesity: altered plasma profile and desensitization to the modulatory properties of nâ€“3 polyunsaturated fatty acids in a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 266-279.	2.2	60
9	Peripheral blood mononuclear cells: a potential source of homeostatic imbalance markers associated with obesity development. <i>Pflugers Archiv European Journal of Physiology</i> , 2013, 465, 459-468.	1.3	55
10	Cocoa Consumption Alters the Global DNA Methylation of Peripheral Leukocytes in Humans with Cardiovascular Disease Risk Factors: A Randomized Controlled Trial. <i>PLoS ONE</i> , 2013, 8, e65744.	1.1	50
11	Distribution of grape seed flavanols and their metabolites in pregnant rats and their fetuses. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1741-1752.	1.5	47
12	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. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 912-920.	1.9	46
13	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.	1.6	40
14	Detection of Early Disease Risk Factors Associated with Metabolic Syndrome: A New Era with the NMR Metabolomics Assessment. <i>Nutrients</i> , 2020, 12, 806.	1.7	40
15	Feeding conditions control the expression of genes involved in sterol metabolism in peripheral blood mononuclear cells of normoweight and diet-induced (cafeteria) obese rats. <i>Journal of Nutritional Biochemistry</i> , 2010, 21, 1127-1133.	1.9	36
16	BIOCLAIMS standard diet (BIOsd): a reference diet for nutritional physiology. <i>Genes and Nutrition</i> , 2012, 7, 399-404.	1.2	34
17	Adipose triglyceride lipase expression and fasting regulation are differently affected by cold exposure in adipose tissues of lean and obese Zucker rats. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 1041-1050.	1.9	30
18	Peripheral blood mononuclear cells as a source to detect markers of homeostatic alterations caused by the intake of diets with an unbalanced macronutrient composition. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 398-407.	1.9	30

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19	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. <i>Food Chemistry</i> , 2015, 167, 138-144.	4.2	30
20	Regulation of Adiponutrin Expression by Feeding Conditions in Rats Is Altered in the Obese State*. <i>Obesity</i> , 2007, 15, 591-599.	1.5	27
21	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. <i>British Journal of Nutrition</i> , 2014, 112, 663-673.	1.2	24
22	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.	1.3	24
23	Metabolomics: An emerging tool to evaluate the impact of nutritional and physiological challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 96, 79-88.	5.8	23
24	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.	1.6	23
25	Changes in lysophospholipids and liver status after weight loss: the RESMENA study. <i>Nutrition and Metabolism</i> , 2018, 15, 51.	1.3	23
26	Intake of grape procyanidins during gestation and lactation impairs reverse cholesterol transport and increases atherogenic risk indexes in adult offspring. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1670-1677.	1.9	21
27	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.	1.6	20
28	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.	1.8	19
29	Impact of a cafeteria diet and daily physical training on the rat serum metabolome. <i>PLoS ONE</i> , 2017, 12, e0171970.	1.1	18
30	Treadmill Intervention Attenuates the Cafeteria Diet-Induced Impairment of Stress-Coping Strategies in Young Adult Female Rats. <i>PLoS ONE</i> , 2016, 11, e0153687.	1.1	18
31	Sustained exposure to diets with an unbalanced macronutrient proportion alters key genes involved in energy homeostasis and obesity-related metabolic parameters in rats. <i>Food and Function</i> , 2014, 5, 3117-3131.	2.1	17
32	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.	1.3	16
33	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.	1.2	15
34	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.	1.9	15
35	Serum lysophospholipid levels are altered in dyslipidemic hamsters. <i>Scientific Reports</i> , 2017, 7, 10431.	1.6	12
36	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.	1.7	11

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37	White adipose tissue reference network: a knowledge resource for exploring health-relevant relations. <i>Genes and Nutrition</i> , 2015, 10, 439.	1.2	9
38	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.	1.3	9
39	Structured Long-Chain Omega-3 Fatty Acids for Improvement of Cognitive Function during Aging. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3472.	1.8	9
40	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. <i>Genes and Nutrition</i> , 2015, 10, 438.	1.2	8
41	Combined Metabolic Activators Decrease Liver Steatosis by Activating Mitochondrial Metabolism in Hamsters Fed with a High-Fat Diet. <i>Biomedicines</i> , 2021, 9, 1440.	1.4	8
42	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.	1.7	8
43	Detection of bioavailable peroxisome proliferator-activated receptor gamma modulators by a cell-based luciferase reporter system. <i>Analytical Biochemistry</i> , 2012, 427, 187-189.	1.1	7
44	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.	2.4	7
45	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.	1.6	7
46	Behavioral and Metabolic Effects of a Calorie-Restricted Cafeteria Diet and Oleuropein Supplementation in Obese Male Rats. <i>Nutrients</i> , 2021, 13, 4474.	1.7	6
47	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.	1.8	5
48	Differential effects of habitual chow-based and semi-purified diets on lipid metabolism in lactating rats and their offspring. <i>British Journal of Nutrition</i> , 2015, 113, 758-769.	1.2	4
49	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.	2.3	4
50	Hesperidin Bioavailability Is Increased by the Presence of 2S-Diastereoisomer and Micronization in a Randomized, Crossover and Double-Blind Clinical Trial. <i>Nutrients</i> , 2022, 14, 2481.	1.7	4
51	Cold exposure down-regulates adiponutrin/PNPLA3 mRNA expression and affects its nutritional regulation in adipose tissues of lean and obese Zucker rats. <i>British Journal of Nutrition</i> , 2012, 107, 1283-1295.	1.2	3
52	A Pilot Study for Metabolic Profiling of Obesity-Associated Microbial Gut Dysbiosis in Male Wistar Rats. <i>Biomolecules</i> , 2021, 11, 303.	1.8	3
53	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.	2.3	3
54	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.	1.8	3

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55	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.	1.2	2
56	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. <i>European Journal of Nutrition</i> , 0, , .	1.8	2
57	Combined Metabolic Activators Decrease Liver Steatosis by Activating Mitochondrial Metabolism in a Golden Syrian Hamster Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
58	Chronic Effect of a Cafeteria Diet and Intensity of Resistance Training on the Circulating Lysophospholipidome in Young Rats. <i>Metabolites</i> , 2021, 11, 471.	1.3	1
59	Metabolomics – Nutritional and Physiological Challenges. , 2021, , 14-31.		0
60	Serum lysophospholipidome of dietary origin as a suitable susceptibility/risk biomarker of human hypercholesterolemia: Letter to the editor. <i>Clinical Nutrition</i> , 2022, , .	2.3	0