

# Sara Ramos-Romero

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

917  
citations

393982

19  
h-index

500791

28  
g-index

49  
all docs

49  
docs citations

49  
times ranked

1309  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intestinal immune system of young rats influenced by cocoa-enriched diet. <i>Journal of Nutritional Biochemistry</i> , 2008, 19, 555-565.	1.9	79
2	Oleanolic Acid: Extraction, Characterization and Biological Activity. <i>Nutrients</i> , 2022, 14, 623.	1.7	79
3	Edible Microalgae and Their Bioactive Compounds in the Prevention and Treatment of Metabolic Alterations. <i>Nutrients</i> , 2021, 13, 563.	1.7	55
4	<i>In Vitro</i> and <i>In Vivo</i> Demonstration of Photodynamic Activity and Cytoplasm Imaging through TPE Nanoparticles. <i>ACS Chemical Biology</i> , 2016, 11, 104-112.	1.6	50
5	Effect of $n-3$ PUFA supplementation at different EPA:DHA ratios on the spontaneously hypertensive obese rat model of the metabolic syndrome. <i>British Journal of Nutrition</i> , 2015, 113, 878-887.	1.2	44
6	Mechanistically different effects of fat and sugar on insulin resistance, hypertension, and gut microbiota in rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 314, E552-E563.	1.8	39
7	Cocoa-enriched diets modulate intestinal and systemic humoral immune response in young adult rats. <i>Molecular Nutrition and Food Research</i> , 2011, 55, S56-66.	1.5	37
8	Distribution of epicatechin metabolites in lymphoid tissues and testes of young rats with a cocoa-enriched diet. <i>British Journal of Nutrition</i> , 2010, 103, 1393-1397.	1.2	32
9	Effect of a cocoa flavonoid-enriched diet on experimental autoimmune arthritis. <i>British Journal of Nutrition</i> , 2012, 107, 523-532.	1.2	30
10	Development of near-infrared photoactivable phthalocyanine-loaded nanoparticles to kill tumor cells: An improved tool for photodynamic therapy of solid cancers. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 1885-1897.	1.7	27
11	A fermented milk concentrate and a combination of short-chain galacto-oligosaccharides/long-chain fructo-oligosaccharides/pectin-derived acidic oligosaccharides protect suckling rats from rotavirus gastroenteritis. <i>British Journal of Nutrition</i> , 2017, 117, 209-217.	1.2	25
12	Protective effects of fish oil on pre-diabetes: a lipidomic analysis of liver ceramides in rats. <i>Food and Function</i> , 2016, 7, 3981-3988.	2.1	24
13	Cocoa intake attenuates oxidative stress associated with rat adjuvant arthritis. <i>Pharmacological Research</i> , 2012, 66, 207-212.	3.1	23
14	Effect of $\alpha$ -agomine on excreted enterobacteria and weight gain in rats fed a high-fat high-sucrose diet. <i>Obesity</i> , 2014, 22, 976-979.	1.5	23
15	A lipidomic study on the regulation of inflammation and oxidative stress targeted by marine $n-3$ PUFA and polyphenols in high-fat high-sucrose diets. <i>Journal of Nutritional Biochemistry</i> , 2017, 43, 53-67.	1.9	23
16	Effects of the combination of $n-3$ PUFAs and proanthocyanidins on the gut microbiota of healthy rats. <i>Food Research International</i> , 2017, 97, 364-371.	2.9	23
17	Effect of cocoa-enriched diets on lymphocytes involved in adjuvant arthritis in rats. <i>British Journal of Nutrition</i> , 2012, 107, 378-387.	1.2	21
18	Effects of a cocoa diet on an intestinal inflammation model in rats. <i>Experimental Biology and Medicine</i> , 2012, 237, 1181-1188.	1.1	21

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19	Targeting Hepatic Protein Carbonylation and Oxidative Stress Occurring on Diet-Induced Metabolic Diseases through the Supplementation with Fish Oils. <i>Marine Drugs</i> , 2018, 16, 353.	2.2	19
20	Functional Effects of the Buckwheat Iminosugar d-Fagomine on Rats with Diet-Induced Prediabetes. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800373.	1.5	18
21	Cardiovascular Disease-Related Parameters and Oxidative Stress in SHROB Rats, a Model for Metabolic Syndrome. <i>PLoS ONE</i> , 2014, 9, e104637.	1.1	16
22	d-Fagomine attenuates metabolic alterations induced by a high-energy-dense diet in rats. <i>Food and Function</i> , 2015, 6, 2614-2619.	2.1	16
23	Inter-individual Variability in Insulin Response after Grape Pomace Supplementation in Subjects at High Cardiometabolic Risk: Role of Microbiota and miRNA. <i>Molecular Nutrition and Food Research</i> , 2021, 65, 2000113.	1.5	16
24	Implication of gut microbiota in the physiology of rats intermittently exposed to cold and hypobaric hypoxia. <i>PLoS ONE</i> , 2020, 15, e0240686.	1.1	16
25	Modifications of Gut Microbiota after Grape Pomace Supplementation in Subjects at Cardiometabolic Risk: A Randomized Cross-Over Controlled Clinical Trial. <i>Foods</i> , 2020, 9, 1279.	1.9	16
26	The combined action of omega-3 polyunsaturated fatty acids and grape proanthocyanidins on a rat model of diet-induced metabolic alterations. <i>Food and Function</i> , 2016, 7, 3516-3523.	2.1	14
27	Combined Buckwheat d-Fagomine and Fish Omega-3 PUFAs Stabilize the Populations of Gut <i>Prevotella</i> and <i>Bacteroides</i> While Reducing Weight Gain in Rats. <i>Nutrients</i> , 2019, 11, 2606.	1.7	14
28	Effects of combined d-fagomine and omega-3 PUFAs on gut microbiota subpopulations and diabetes risk factors in rats fed a high-fat diet. <i>Scientific Reports</i> , 2019, 9, 16628.	1.6	13
29	Fate of d-Fagomine after Oral Administration to Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 4414-4420.	2.4	12
30	A high-fat high-sucrose diet affects the long-term metabolic fate of grape proanthocyanidins in rats. <i>European Journal of Nutrition</i> , 2018, 57, 339-349.	1.8	12
31	Influence of omega-3 PUFAs on the metabolism of proanthocyanidins in rats. <i>Food Research International</i> , 2017, 97, 133-140.	2.9	11
32	Eubiotic effect of buckwheat d-fagomine in healthy rats. <i>Journal of Functional Foods</i> , 2018, 50, 120-126.	1.6	10
33	Fish Oil Improves Pathway-Oriented Profiling of Lipid Mediators for Maintaining Metabolic Homeostasis in Adipose Tissue of Prediabetic Rats. <i>Frontiers in Immunology</i> , 2021, 12, 608875.	2.2	9
34	Modulation of the Liver Protein Carbonylome by the Combined Effect of Marine Omega-3 PUFAs and Grape Polyphenols Supplementation in Rats Fed an Obesogenic High Fat and High Sucrose Diet. <i>Marine Drugs</i> , 2020, 18, 34.	2.2	8
35	Effects of Fish Oil and Grape Seed Extract Combination on Hepatic Endogenous Antioxidants and Bioactive Lipids in Diet-Induced Early Stages of Insulin Resistance in Rats. <i>Marine Drugs</i> , 2020, 18, 318.	2.2	8
36	Anti-inflammatory effects of cocoa in rat carrageenin-induced paw oedema. <i>Proceedings of the Nutrition Society</i> , 2008, 67, .	0.4	7

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37	Glioblastoma Bystander Cell Therapy: Improvements in Treatment and Insights into the Therapy Mechanisms. <i>Molecular Therapy - Oncolytics</i> , 2018, 11, 39-51.	2.0	6
38	The Buckwheat Iminosugar d-Fagomine Attenuates Sucrose-Induced Steatosis and Hypertension in Rats. <i>Molecular Nutrition and Food Research</i> , 2020, 64, 1900564.	1.5	6
39	Effects of a Fish Oil Rich in Docosahexaenoic Acid on Cardiometabolic Risk Factors and Oxidative Stress in Healthy Rats. <i>Marine Drugs</i> , 2021, 19, 555.	2.2	6
40	Physiological Effects of Intermittent Passive Exposure to Hypobaric Hypoxia and Cold in Rats. <i>Frontiers in Physiology</i> , 2021, 12, 673095.	1.3	5
41	The Effects of the Combination of Buckwheat D-Fagomine and Fish Omega-3 Fatty Acids on Oxidative Stress and Related Risk Factors in Pre-Obese Rats. <i>Foods</i> , 2021, 10, 332.	1.9	3
42	The Effects of Flavonoids on the Immune System. , 2013, , 175-188.		0
43	Front cover: Functional Effects of the Buckwheat Iminosugar d -Fagomine on Rats with Diet-Induced Prediabetes. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1870080.	1.5	0
44	The buckwheat iminosugar D-fagomine attenuates sucrose-induced steatosis and hypertension in rats. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	0.4	0
45	Title is missing!. , 2020, 15, e0240686.		0
46	Title is missing!. , 2020, 15, e0240686.		0
47	Title is missing!. , 2020, 15, e0240686.		0
48	Title is missing!. , 2020, 15, e0240686.		0