

# Josep M Del Bas

## List of Publications by Year in descending order

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Version: 2024-02-01

69  
papers

2,141  
citations

236833

25  
h-index

243529

44  
g-index

72  
all docs

72  
docs citations

72  
times ranked

3260  
citing authors

#	ARTICLE	IF	CITATIONS
1	Grape seed procyanidins improve atherosclerotic risk index and induce liver CYP7A1 and SHP expression in healthy rats. <i>FASEB Journal</i> , 2005, 19, 1-24.	0.2	171
2	Grape seed proanthocyanidins correct dyslipidemia associated with a high-fat diet in rats and repress genes controlling lipogenesis and VLDL assembling in liver. <i>International Journal of Obesity</i> , 2009, 33, 1007-1012.	1.6	148
3	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
4	Low doses of grape seed procyanidins reduce adiposity and improve the plasma lipid profile in hamsters. <i>International Journal of Obesity</i> , 2013, 37, 576-583.	1.6	90
5	Dietary procyanidins enhance transcriptional activity of bile acid-activated FXR <i>in vitro</i> and reduce triglyceridemia <i>in vivo</i> in a FXR-dependent manner. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 805-814.	1.5	85
6	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
7	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
8	Peroxisome Proliferator-Activated Receptor $\beta$ (PPAR $\beta$ ) and Ligand Choreography: Newcomers Take the Stage. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5381-5394.	2.9	75
9	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
10	Dietary procyanidins lower triglyceride levels signaling through the nuclear receptor small heterodimer partner. <i>Molecular Nutrition and Food Research</i> , 2008, 52, 1172-1181.	1.5	69
11	Diet, Gut Microbiota and Non-Alcoholic Fatty Liver Disease: Three Parts of the Same Axis. <i>Cells</i> , 2020, 9, 176.	1.8	63
12	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
13	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.	2.2	60
14	5-(Hydroxyphenyl)- $\beta$ -Valerolactone-Sulfate, a Key Microbial Metabolite of Flavan-3-ols, Is Able to Reach the Brain: Evidence from Different <i>In Silico</i> , <i>In Vitro</i> and <i>In Vivo</i> Experimental Models. <i>Nutrients</i> , 2019, 11, 2678.	1.7	55
15	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
16	Effects of hesperidin in orange juice on blood and pulse pressures in mildly hypertensive individuals: a randomized controlled trial (Citrus study). <i>European Journal of Nutrition</i> , 2021, 60, 1277-1288.	1.8	49
17	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
18	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

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19	Dietary proanthocyanidins modulate melatonin levels in plasma and the expression pattern of clock genes in the hypothalamus of rats. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 865-878.	1.5	45
20	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
21	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
22	Grape seed procyanidin supplementation to rats fed a high-fat diet during pregnancy and lactation increases the body fat content and modulates the inflammatory response and the adipose tissue metabolism of the male offspring in youth. <i>International Journal of Obesity</i> , 2015, 39, 7-15.	1.6	33
23	Alterations in gut microbiota associated with a cafeteria diet and the physiological consequences in the host. <i>International Journal of Obesity</i> , 2018, 42, 746-754.	1.6	31
24	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
25	A trimer plus a dimer-gallate reproduce the bioactivity described for an extract of grape seed procyanidins. <i>Food Chemistry</i> , 2009, 116, 265-270.	4.2	28
26	Potential Use of Mobile Phone Applications for Self-Monitoring and Increasing Daily Fruit and Vegetable Consumption: A Systematized Review. <i>Nutrients</i> , 2019, 11, 686.	1.7	27
27	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
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.	1.3	24
29	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
30	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
31	Changes in lysophospholipids and liver status after weight loss: the RESMENA study. <i>Nutrition and Metabolism</i> , 2018, 15, 51.	1.3	23
32	The Rab11 Effector Protein FIP1 Regulates Adiponectin Trafficking and Secretion. <i>PLoS ONE</i> , 2013, 8, e74687.	1.1	23
33	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
34	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
35	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
36	Impact of a cafeteria diet and daily physical training on the rat serum metabolome. <i>PLoS ONE</i> , 2017, 12, e0171970.	1.1	18

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37	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
38	The NESTORE e-coach. , 2019, , .		17
39	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
40	Dietary proanthocyanidins modulate the rhythm of BMAL1 expression and induce ROR $\alpha$ transactivation in HepG2 cells. <i>Journal of Functional Foods</i> , 2015, 13, 336-344.	1.6	15
41	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
42	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
43	A double-blinded, randomized, parallel intervention to evaluate biomarker-based nutrition plans for weight loss: The PREVENTOMICS study. <i>Clinical Nutrition</i> , 2022, 41, 1834-1844.	2.3	15
44	Grape seed procyanidins inhibit the expression of metallothionein in genes in human HepG2 cells. <i>Genes and Nutrition</i> , 2007, 2, 105-109.	1.2	12
45	Serum lysophospholipid levels are altered in dyslipidemic hamsters. <i>Scientific Reports</i> , 2017, 7, 10431.	1.6	12
46	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
47	White adipose tissue reference network: a knowledge resource for exploring health-relevant relations. <i>Genes and Nutrition</i> , 2015, 10, 439.	1.2	9
48	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
49	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
50	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
51	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
52	The role of the gut microbiota in the pathophysiology of mental and neurological disorders. <i>Psychiatric Genetics</i> , 2020, 30, 87-100.	0.6	7
53	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
54	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

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55	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
56	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
57	The NESTORE e-Coach: Designing a Multi-Domain Pathway to Well-Being in Older Age. <i>Technologies</i> , 2022, 10, 50.	3.0	5
58	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
59	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
60	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.	1.7	4
61	Laparoscopic Sleeve Gastrectomy in Patients with Severe Obesity Restores Adaptive Responses Leading to Nonalcoholic Steatohepatitis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7830.	1.8	4
62	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
63	TEMPORARY REMOVAL: Glutaminolysis-induced mTORC1 activation drives non-alcoholic steatohepatitis progression. <i>Journal of Hepatology</i> , 2021, , .	1.8	3
64	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
65	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
66	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
67	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
68	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
69	Metabolomics — Nutritional and Physiological Challenges. , 2021, , 14-31.		0