Josep M Del Bas

List of Publications by Year in descending order

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	Serum lysophospholipidome of dietary origin as a suitable susceptibility/risk biomarker of human hypercholesterolemia: A cross-sectional study. Clinical Nutrition, 2022, 41, 489-499.	2.3	3
2	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. International Journal of Molecular Sciences, 2022, 23, 2563.	1.8	3
3	The NESTORE e-Coach: Designing a Multi-Domain Pathway to Well-Being in Older Age. Technologies, 2022, 10, 50.	3.0	5
4	Hesperidin Bioavailability Is Increased by the Presence of 2S-Diastereoisomer and Micronizationâ€"A Randomized, Crossover and Double-Blind Clinical Trial. Nutrients, 2022, 14, 2481.	1.7	4
5	Laparoscopic Sleeve Gastrectomy in Patients with Severe Obesity Restores Adaptive Responses Leading to Nonalcoholic Steatohepatitis. International Journal of Molecular Sciences, 2022, 23, 7830.	1.8	4
6	A double-blinded, randomized, parallel intervention to evaluate biomarker-based nutrition plans for weight loss: The PREVENTOMICS study. Clinical Nutrition, 2022, 41, 1834-1844.	2.3	15
7	Metabolomics â€“ Nutritional and Physiological Challenges. , 2021, , 14-31.		0
8	Effects of hesperidin in orange juice on blood and pulse pressures in mildly hypertensive individuals: a randomized controlled trialÂ(Citrus study). European Journal of Nutrition, 2021, 60, 1277-1288.	1.8	49
9	A restricted cafeteria diet ameliorates biometric and metabolic profile in a rat diet-induced obesity model. International Journal of Food Sciences and Nutrition, 2021, 72, 767-780.	1.3	9
10	A Pilot Study for Metabolic Profiling of Obesity-Associated Microbial Gut Dysbiosis in Male Wistar Rats. Biomolecules, 2021, 11, 303.	1.8	3
11	Consumption of Sourdough Breads Improves Postprandial Glucose Response and Produces Sourdough-Specific Effects on Biochemical and Inflammatory Parameters and Mineral Absorption. Journal of Agricultural and Food Chemistry, 2021, 69, 3044-3059.	2.4	7
12	TEMPORARY REMOVAL: Glutaminolysis-induced mTORC1 activation drives non-alcoholic steatohepatitis progression. Journal of Hepatology, 2021, , .	1.8	3
13	Gut Microbiota Profile and Its Association with Clinical Variables and Dietary Intake in Overweight/Obese and Lean Subjects: A Cross-Sectional Study. Nutrients, 2021, 13, 2032.	1.7	75
14	Chronic Effect of a Cafeteria Diet and Intensity of Resistance Training on the Circulating Lysophospholipidome in Young Rats. Metabolites, 2021, 11, 471.	1.3	1
15	Hesperidin in orange juice improves human endothelial function in subjects with elevated blood pressure and stage 1 hypertension: A randomized, controlled trial (Citrus study). Journal of Functional Foods, 2021, 85, 104646.	1.6	7
16	Combined Metabolic Activators Decrease Liver Steatosis by Activating Mitochondrial Metabolism in Hamsters Fed with a High-Fat Diet. Biomedicines, 2021, 9, 1440.	1.4	8
17	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). Clinical Nutrition, 2021, 40, 5812-5822.	2.3	4
18	Supplementation with a Specific Combination of Metabolic Cofactors Ameliorates Non-Alcoholic Fatty Liver Disease, Hepatic Fibrosis, and Insulin Resistance in Mice. Nutrients, 2021, 13, 3532.	1.7	11

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19	Alterations in Metabolome and Microbiome Associated with an Early Stress Stage in Male Wistar Rats: A Multi-Omics Approach. International Journal of Molecular Sciences, 2021, 22, 12931.	1.8	5
20	Behavioral and Metabolic Effects of a Calorie-Restricted Cafeteria Diet and Oleuropein Supplementation in Obese Male Rats. Nutrients, 2021, 13, 4474.	1.7	6
21	The role of the gut microbiota in the pathophysiology of mental and neurological disorders. Psychiatric Genetics, 2020, 30, 87-100.	0.6	7
22	Detection of Early Disease Risk Factors Associated with Metabolic Syndrome: A New Era with the NMR Metabolomics Assessment. Nutrients, 2020, 12, 806.	1.7	40
23	Diet, Gut Microbiota and Non-Alcoholic Fatty Liver Disease: Three Parts of the Same Axis. Cells, 2020, 9, 176.	1.8	63
24	Effect of Hesperidin on Cardiovascular Disease Risk Factors: The Role of Intestinal Microbiota on Hesperidin Bioavailability. Nutrients, 2020, 12, 1488.	1.7	95
25	5-(Hydroxyphenyl)-Î³-Valerolactone-Sulfate, a Key Microbial Metabolite of Flavan-3-ols, Is Able to Reach the Brain: Evidence from Different in Silico, In Vitro and In Vivo Experimental Models. Nutrients, 2019, 11, 2678.	1.7	55
26	The NESTORE e-coach. , 2019, , .		17
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. Journal of Functional Foods, 2019, 61, 103504.	1.6	20
28	Potential Use of Mobile Phone Applications for Self-Monitoring and Increasing Daily Fruit and Vegetable Consumption: A Systematized Review. Nutrients, 2019, 11, 686.	1.7	27
29	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1108, 11-16.	1.2	15
30	Cherry consumption out of season alters lipid and glucose homeostasis in normoweight and cafeteria-fed obese Fischer 344 rats. Journal of Nutritional Biochemistry, 2019, 63, 72-86.	1.9	15
31	Hepatic accumulation of S-adenosylmethionine in hamsters with non-alcoholic fatty liver disease associated with metabolic syndrome under selenium and vitamin E deficiency. Clinical Science, 2019, 133, 409-423.	1.8	19
32	Alterations in gut microbiota associated with a cafeteria diet and the physiological consequences in the host. International Journal of Obesity, 2018, 42, 746-754.	1.6	31
33	Intake of an Obesogenic Cafeteria Diet Affects Body Weight, Feeding Behavior, and Glucose and Lipid Metabolism in a Photoperiod-Dependent Manner in F344 Rats. Frontiers in Physiology, 2018, 9, 1639.	1.3	16
34	The Exposure to Different Photoperiods Strongly Modulates the Glucose and Lipid Metabolisms of Normoweight Fischer 344 Rats. Frontiers in Physiology, 2018, 9, 416.	1.3	24
35	Changes in lysophospholipids and liver status after weight loss: the RESMENA study. Nutrition and Metabolism, 2018, 15, 51.	1.3	23
36	Metabolomics: An emerging tool to evaluate the impact of nutritional and physiological challenges. TrAC - Trends in Analytical Chemistry, 2017, 96, 79-88.	5.8	23

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37	Heat-killed Bifidobacterium animalis subsp. Lactis CECT 8145 increases lean mass and ameliorates metabolic syndrome in cafeteria-fed obese rats. Journal of Functional Foods, 2017, 38, 251-263.	1.6	40
38	Maternal intake of grape seed procyanidins during lactation induces insulin resistance and an adiponectin resistance-like phenotype in rat offspring. Scientific Reports, 2017, 7, 12573.	1.6	23
39	Serum lysophospholipid levels are altered in dyslipidemic hamsters. Scientific Reports, 2017, 7, 10431.	1.6	12
40	Mediterranean Diet and Multi-Ingredient-Based Interventions for the Management of Non-Alcoholic Fatty Liver Disease. Nutrients, 2017, 9, 1052.	1.7	76
41	Impact of a cafeteria diet and daily physical training on the rat serum metabolome. PLoS ONE, 2017, 12, e0171970.	1.1	18
42	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. American Journal of Clinical Nutrition, 2016, 104, 266-279.	2.2	60
43	Treadmill Intervention Attenuates the Cafeteria Diet-Induced Impairment of Stress-Coping Strategies in Young Adult Female Rats. PLoS ONE, 2016, 11, e0153687.	1.1	18
44	Dietary proanthocyanidins modulate the rhythm of BMAL1 expression and induce RORÎ± transactivation in HepG2 cells. Journal of Functional Foods, 2015, 13, 336-344.	1.6	15
45	Dietary proanthocyanidins modulate melatonin levels in plasma and the expression pattern of clock genes in the hypothalamus of rats. Molecular Nutrition and Food Research, 2015, 59, 865-878.	1.5	45
46	Peroxisome Proliferator-Activated Receptor Î³ (PPARÎ³) and Ligand Choreography: Newcomers Take the Stage. Journal of Medicinal Chemistry, 2015, 58, 5381-5394.	2.9	75
47	White adipose tissue reference network: a knowledge resource for exploring health-relevant relations. Genes and Nutrition, 2015, 10, 439.	1.2	9
48	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.	1.2	4
49	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.	1.9	21
50	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.	1.9	46
51	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.	1.2	8
52	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. International Journal of Obesity, 2015, 39, 7-15.	1.6	33
53	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.	4.2	30
54	Effects Of A Post-Weaning Cafeteria Diet In Young Rats: Metabolic Syndrome, Reduced Activity And Low Anxiety-Like Behaviour. PLoS ONE, 2014, 9, e85049.	1.1	76

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55	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.	1.2	24
56	Low doses of grape seed procyanidins reduce adiposity and improve the plasma lipid profile in hamsters. International Journal of Obesity, 2013, 37, 576-583.	1.6	90
57	Lipidomic and metabolomic analyses reveal potential plasma biomarkers of early atheromatous plaque formation in hamsters. Cardiovascular Research, 2013, 97, 642-652.	1.8	60
58	Distribution of grape seed flavanols and their metabolites in pregnant rats and their fetuses. Molecular Nutrition and Food Research, 2013, 57, 1741-1752.	1.5	47
59	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.	1.1	50
60	The Rab11 Effector Protein FIP1 Regulates Adiponectin Trafficking and Secretion. PLoS ONE, 2013, 8, e74687.	1.1	23
61	Detection of bioavailable peroxisome proliferator-activated receptor gamma modulators by a cell-based luciferase reporter system. Analytical Biochemistry, 2012, 427, 187-189.	1.1	7
62	Dietary procyanidins enhance transcriptional activity of bile acidâ€activated FXR in vitro and reduce triglyceridemia in vivo in a FXRâ€dependent manner. Molecular Nutrition and Food Research, 2009, 53, 805-814.	1.5	85
63	Grape seed proanthocyanidins correct dyslipidemia associated with a high-fat diet in rats and repress genes controlling lipogenesis and VLDL assembling in liver. International Journal of Obesity, 2009, 33, 1007-1012.	1.6	148
64	A trimer plus a dimer-gallate reproduce the bioactivity described for an extract of grape seed procyanidins. Food Chemistry, 2009, 116, 265-270.	4.2	28
65	Dietary procyanidins lower triglyceride levels signaling through the nuclear receptor small heterodimer partner. Molecular Nutrition and Food Research, 2008, 52, 1172-1181.	1.5	69
66	Grape seed procyanidins inhibit the expression of metallothione in genes in human HepG2 cells. Genes and Nutrition, 2007, 2, 105-109.	1.2	12
67	Grape seed procyanidins improve atherosclerotic risk index and induce liver CYP7A1 and SHP expression in healthy rats. FASEB Journal, 2005, 19, 1-24.	0.2	171
68	Combined Metabolic Activators Decrease Liver Steatosis by Activating Mitochondrial Metabolism in a Golden Syrian Hamster Study. SSRN Electronic Journal, 0, , .	0.4	1
69	Effects of enriched seafood sticks (heat-inactivatedÂB. animalis subsp. lactisÂCECT 8145, inulin, omega-3) on cardiometabolic risk factors and gut microbiota in abdominally obese subjects: randomized controlled trial. European Journal of Nutrition, 0, , .	1.8	2