Llus Arola

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

274 papers	7,659 citations	47 h-index	75 g-index
299 ext. papers	8,595 ext. citations	5 avg, IF	5.71 L-index

#	Paper	IF	Citations
274	Cardioprotective properties of phenolic compounds: a role for biological rhythms.. *Molecular Nutrition and Food Research*, **2022**, e2100990	5.9	0
273	Time-of-day dependent effect of proanthocyanidins on adipose tissue metabolism in rats with diet-induced obesity.. *International Journal of Obesity*, **2022**,	5.5	3
272	Serum lysophospholipidome of dietary origin as a suitable susceptibility/risk biomarker of human hypercholesterolemia: A cross-sectional study.. *Clinical Nutrition*, **2021**, 41, 489-499	5.9	0
271	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	5.9	0
270	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	5.7	5
269	Blood Pressure-Lowering Effect of Wine Lees: Dose-Response Study, Effect of Dealcoholization and Possible Mechanisms of Action. *Nutrients*, **2021**, 13,	6.7	3
268	Impact of gut microbiota on plasma oxylipins profile under healthy and obesogenic conditions. *Clinical Nutrition*, **2021**, 40, 1475-1486	5.9	1
267	Anti-Inflammatory and Immunomodulatory Effects of the Natural Compound -Orsellinaldehyde on LPS-Challenged Murine Primary Glial Cells. Roles of NF- and MAPK. *Pharmaceutics*, **2021**, 13,	6.4	2
266	fermentability of a broad range of natural ingredients by fecal microbiota from lean and obese individuals: potential health benefits. *International Journal of Food Sciences and Nutrition*, **2021**, 1-15	3.7	0
265	Metabolomics Nutritional and Physiological Challenges **2021**, 14-31		
264	Acute Effects of Turmeric Extracts on Knee Joint Pain: A Pilot, Randomized Controlled Trial. *Journal of Medicinal Food*, **2021**, 24, 436-440	2.8	2
263	Effects of hesperidin in orange juice on blood and pulse pressures in mildly hypertensive individuals: a randomized controlled trial (Citrus study). *European Journal of Nutrition*, **2021**, 60, 1277-1288	5.2	19
262	Phenolic compounds and biological rhythms: Who takes the lead?. *Trends in Food Science and Technology*, **2021**, 113, 77-85	15.3	12
261	Effects of Hesperidin Consumption on the Cardiovascular System in Pre- and Stage 1 Hypertensive Subjects: Targeted and Non-Targeted Metabolomic Approaches (CITRUS Study). *Molecular Nutrition and Food Research*, **2021**, 65, e2001175	5.9	1
260	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	5.1	4
259	Beneficial Effects of a Low-dose of Conjugated Linoleic Acid on Body Weight Gain and other Cardiometabolic Risk Factors in Cafeteria Diet-fed Rats. *Nutrients*, **2020**, 12,	6.7	5
258	Response to: Comment About Statistical Analysis of a Cluster-Randomized Trial About Clustering and Nesting (DOI: 10.1089/chi.2019.0142). *Childhood Obesity*, **2020**, 16, 67-69	2.5	0

257	Metabolomics Elucidates Dose-Dependent Molecular Beneficial Effects of Hesperidin Supplementation in Rats Fed an Obesogenic Diet. *Antioxidants*, **2020**, 9,	7.1	17
256	Proteomic Analysis of Heart and Kidney Tissues in Healthy and Metabolic Syndrome Rats after Hesperidin Supplementation. *Molecular Nutrition and Food Research*, **2020**, 64, e1901063	5.9	2
255	Molecular phenomics of a high-calorie diet-induced porcine model of prepubertal obesity. *Journal of Nutritional Biochemistry*, **2020**, 83, 108393	6.3	2
254	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	5.1	11
253	Exposure of Fischer 344 rats to distinct photoperiods influences the bioavailability of red grape polyphenols. *Journal of Photochemistry and Photobiology B: Biology*, **2019**, 199, 111623	6.7	7
252	Comparison of metaproteomics workflows for deciphering the functions of gut microbiota in an animal model of obesity. *Journal of Proteomics*, **2019**, 209, 103489	3.9	1
251	Effects from diet-induced gut microbiota dysbiosis and obesity can be ameliorated by fecal microbiota transplantation: A multiomics approach. *PLoS ONE*, **2019**, 14, e0218143	3.7	34
250	Proanthocyanidins and Epigenetics **2019**, 1933-1956		1
249	Metabolomics Analyses to Investigate the Role of Diet and Physical Training. *Methods in Molecular Biology*, **2019**, 1978, 403-430	1.4	2
248	Impact of different hypercaloric diets on obesity features in rats: a metagenomics and metabolomics integrative approach. *Journal of Nutritional Biochemistry*, **2019**, 71, 122-131	6.3	9
247	Potential Use of Mobile Phone Applications for Self-Monitoring and Increasing Daily Fruit and Vegetable Consumption: A Systematized Review. *Nutrients*, **2019**, 11,	6.7	17
246	Chrononutrition and Polyphenols: Roles and Diseases. *Nutrients*, **2019**, 11,	6.7	19
245	Impact of a youth-led social marketing intervention run by adolescents to encourage healthy lifestyles among younger school peers (EYTO-Kids project): a parallel-cluster randomised controlled pilot study. *Journal of Epidemiology and Community Health*, **2019**, 73, 324-333	5.1	8
244	Resveratrol Treatment Enhances the Cellular Response to Leptin by Increasing OBRb Content in Palmitate-Induced Steatotic HepG2 Cells. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	4
243	Gender-Related Differences on Polyamine Metabolome in Liquid Biopsies by a Simple and Sensitive Two-Step Liquid-Liquid Extraction and LC-MS/MS. *Biomolecules*, **2019**, 9,	5.9	4
242	Optimised extraction methods for the determination of trichothecenes in rat faeces followed by liquid chromatography-tandem mass spectrometry. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2019**, 1105, 47-53	3.2	4
241	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	3.2	10
240	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	6.3	10

239	Effects of daily consumption of the probiotic Bifidobacterium animalis subsp. lactis CECT 8145 on anthropometric adiposity biomarkers in abdominally obese subjects: a randomized controlled trial. *International Journal of Obesity*, **2019**, 43, 1863-1868	5.5	81
238	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	6.5	10
237	The "Som la Pera" intervention: sustainability capacity evaluation of a peer-led social-marketing intervention to encourage healthy lifestyles among adolescents. *Translational Behavioral Medicine*, **2018**, 8, 739-744	3.2	3
236	Resveratrol Potently Counteracts Quercetin Starvation-Induced Autophagy and Sensitizes HepG2 Cancer Cells to Apoptosis. *Molecular Nutrition and Food Research*, **2018**, 62, 1700610	5.9	24
235	Multi-omics approach to elucidate the gut microbiota activity: Metaproteomics and metagenomics connection. *Electrophoresis*, **2018**, 39, 1692-1701	3.6	22
234	Deciphering psoriasis. A bioinformatic approach. *Journal of Dermatological Science*, **2018**, 89, 120-126	4.3	7
233	The Exposure to Different Photoperiods Strongly Modulates the Glucose and Lipid Metabolisms of Normoweight Fischer 344 Rats. *Frontiers in Physiology*, **2018**, 9, 416	4.6	13
232	Changes in lysophospholipids and liver status after weight loss: the RESMENA study. *Nutrition and Metabolism*, **2018**, 15, 51	4.6	12
231	Monitoring and evaluation of the interaction between deoxynivalenol and gut microbiota in Wistar rats by mass spectrometry-based metabolomics and next-generation sequencing. *Food and Chemical Toxicology*, **2018**, 121, 124-130	4.7	10
230	Alterations in gut microbiota associated with a cafeteria diet and the physiological consequences in the host. *International Journal of Obesity*, **2018**, 42, 746-754	5.5	20
229	Determination of Trichothecenes in Cereal Matrices Using Subcritical Water Extraction Followed by Solid-Phase Extraction and Liquid Chromatography-Tandem Mass Spectrometry. *Food Analytical Methods*, **2018**, 11, 1113-1121	3.4	6
228	Potential Involvement of Peripheral Leptin/STAT3 Signaling in the Effects of Resveratrol and Its Metabolites on Reducing Body Fat Accumulation. *Nutrients*, **2018**, 10,	6.7	24
227	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	4.6	10
226	Anti-inflammatory and Proapoptotic Properties of the Natural Compound o-Orsellinaldehyde. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 10952-10963	5.7	3
225	Novel ex Vivo Experimental Setup to Assay the Vectorial Transepithelial Enteroendocrine Secretions of Different Intestinal Segments. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 11622-11629	5.7	2
224	Effectiveness of a low-fat yoghurt supplemented with rooster comb extract on muscle strength in adults with mild knee pain and mechanisms of action on muscle regeneration. *Food and Function*, **2018**, 9, 3244-3253	6.1	2
223	Chronic supplementation with dietary proanthocyanidins protects from diet-induced intestinal alterations in obese rats. *Molecular Nutrition and Food Research*, **2017**, 61, 1601039	5.9	35
222	Effects of a wide range of dietary nicotinamide riboside (NR) concentrations on metabolic flexibility and white adipose tissue (WAT) of mice fed a mildly obesogenic diet. *Molecular Nutrition and Food Research*, **2017**, 61, 1600878	5.9	35

221	Determination of mycotoxins in plant-based beverages using QuEChERS and liquid chromatography-tandem mass spectrometry. *Food Chemistry*, **2017**, 229, 366-372	8.5	39
220	A School-Based, Peer-Led, Social Marketing Intervention To Engage Spanish Adolescents in a Healthy Lifestyle ("We Are Cool"-Som la Pera Study): A Parallel-Cluster Randomized Controlled Study. *Childhood Obesity*, **2017**, 13, 300-313	2.5	24
219	Metabolomics: An emerging tool to evaluate the impact of nutritional and physiological challenges. *TrAC - Trends in Analytical Chemistry*, **2017**, 96, 79-88	14.6	16
218	Functional Beverages **2017**, 275-296		1
217	Development and validation of a UHPLC-ESI-MS/MS method for the simultaneous quantification of mammal lysophosphatidylcholines and lysophosphatidylethanolamines in serum. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2017**, 1055-1056, 86-97	3.2	15
216	Grape seed proanthocyanidin supplementation reduces adipocyte size and increases adipocyte number in obese rats. *International Journal of Obesity*, **2017**, 41, 1246-1255	5.5	48
215	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	5.1	18
214	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	4.9	10
213	Impact of a cafeteria diet and daily physical training on the rat serum metabolome. *PLoS ONE*, **2017**, 12, e0171970	3.7	13
212	Serum lysophospholipid levels are altered in dyslipidemic hamsters. *Scientific Reports*, **2017**, 7, 10431	4.9	6
211	Mediterranean Diet and Multi-Ingredient-Based Interventions for the Management of Non-Alcoholic Fatty Liver Disease. *Nutrients*, **2017**, 9,	6.7	47
210	A Youth-Led, Social Marketing Intervention Run by Adolescents to Encourage Healthy Lifestyles among Younger School Peers (EYTO-Kids Project): A Protocol for Pilot Cluster Randomized Controlled Trial (Spain). *International Journal of Environmental Research and Public Health*, **2017**, 14,	4.6	6
209	Proanthocyanidins and Epigenetics **2017**, 1-24		0
208	Analytical methods in sphingolipidomics: Quantitative and profiling approaches in food analysis. *Journal of Chromatography A*, **2016**, 1428, 16-38	4.5	19
207	Dietary proanthocyanidins boost hepatic NAD(+) metabolism and SIRT1 expression and activity in a dose-dependent manner in healthy rats. *Scientific Reports*, **2016**, 6, 24977	4.9	31
206	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. *American Journal of Clinical Nutrition*, **2016**, 104, 266-79	7	45
205	Foodomics imaging by mass spectrometry and magnetic resonance. *Electrophoresis*, **2016**, 37, 1748-67	3.6	18
204	Treadmill Intervention Attenuates the Cafeteria Diet-Induced Impairment of Stress-Coping Strategies in Young Adult Female Rats. *PLoS ONE*, **2016**, 11, e0153687	3.7	11

203	Gender-related similarities and differences in the body distribution of grape seed flavanols in rats. *Molecular Nutrition and Food Research*, **2016**, 60, 760-72	5.9	38
202	Effects of low molecular weight procyanidin rich extract from french maritime pine bark on cardiovascular disease risk factors in stage-1 hypertensive subjects: Randomized, double-blind, crossover, placebo-controlled intervention trial. *Phytomedicine*, **2016**, 23, 1451-1461	6.5	35
201	Proanthocyanidins in health and disease. *BioFactors*, **2016**, 42, 5-12	6.1	70
200	COCOA (Theobroma cacao) Polyphenol-Rich Extract Increases the Chronological Lifespan of Saccharomyces cerevisiae. *Journal of Frailty & Aging,the*, **2016**, 5, 186-90	2.6	2
199	Peroxisome Proliferator-Activated Receptor [(PPAR)]and Ligand Choreography: Newcomers Take the Stage. *Journal of Medicinal Chemistry*, **2015**, 58, 5381-94	8.3	61
198	White adipose tissue reference network: a knowledge resource for exploring health-relevant relations. *Genes and Nutrition*, **2015**, 10, 439	4.3	8
197	Metabolome responses to physiological and nutritional challenges. *Current Opinion in Food Science*, **2015**, 4, 111-115	9.8	7
196	Dietary proanthocyanidins modulate BMAL1 acetylation, Nampt expression and NAD levels in rat liver. *Scientific Reports*, **2015**, 5, 10954	4.9	32
195	Long-term supplementation with a low dose of proanthocyanidins normalized liver miR-33a and miR-122 levels in high-fat diet-induced obese rats. *Nutrition Research*, **2015**, 35, 337-45	4	50
194	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, 758-69	3.6	3
193	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, 1670-7	6.3	15
192	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, 912-20	6.3	32
191	A youth-led social marketing intervention to encourage healthy lifestyles, the EYTO (European Youth Tackling Obesity) project: a cluster randomised controlled0 trial in Catalonia, Spain. *BMC Public Health*, **2015**, 15, 607	4.1	21
190	A low-fat yoghurt supplemented with a rooster comb extract on muscle joint function in adults with mild knee pain: a randomized, double blind, parallel, placebo-controlled, clinical trial of efficacy. *Food and Function*, **2015**, 6, 3531-9	6.1	6
189	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	4.3	4
188	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	5.5	28
187	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, 138-44	8.5	24
186	Mapping of the circulating metabolome reveals α-ketoglutarate as a predictor of morbid obesity-associated non-alcoholic fatty liver disease. *International Journal of Obesity*, **2015**, 39, 279-87	5.5	60

185	Dietary proanthocyanidins modulate the rhythm of BMAL1 expression and induce RORα transactivation in HepG2 cells. *Journal of Functional Foods*, **2015**, 13, 336-344	5.1	8
184	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, 865-78	5.9	32
183	Roles of proanthocyanidin rich extracts in obesity. *Food and Function*, **2015**, 6, 1053-71	6.1	64
182	Chronic consumption of dietary proanthocyanidins modulates peripheral clocks in healthy and obese rats. *Journal of Nutritional Biochemistry*, **2015**, 26, 112-9	6.3	29
181	Procyanidins and their healthy protective effects against type 2 diabetes. *Current Medicinal Chemistry*, **2015**, 22, 39-50	4.3	61
180	Detection and characterization of silver nanoparticles and dissolved species of silver in culture medium and cells by AsFlFFF-UV-Vis-ICPMS: application to nanotoxicity tests. *Analyst, The*, **2014**, 139, 914-22	5	65
179	Grape seed proanthocyanidin extract improves the hepatic glutathione metabolism in obese Zucker rats. *Molecular Nutrition and Food Research*, **2014**, 58, 727-37	5.9	29
178	A dose-response study of the bioavailability of grape seed proanthocyanidin in rat and lipid-lowering effects of generated metabolites in HepG2 cells. *Food Research International*, **2014**, 64, 500-507	7	20
177	Effect of low molecular grape seed proanthocyanidins on blood pressure and lipid homeostasis in cafeteria diet-fed rats. *Journal of Physiology and Biochemistry*, **2014**, 70, 629-37	5	39
176	Classical dynamin DNM1 and DNM3 genes attain maximum expression in the normal human central nervous system. *BMC Research Notes*, **2014**, 7, 188	2.3	10
175	Chronic supplementation of proanthocyanidins reduces postprandial lipemia and liver miR-33a and miR-122 levels in a dose-dependent manner in healthy rats. *Journal of Nutritional Biochemistry*, **2014**, 25, 151-6	6.3	30
174	Chronic intake of proanthocyanidins and docosahexaenoic acid improves skeletal muscle oxidative capacity in diet-obese rats. *Journal of Nutritional Biochemistry*, **2014**, 25, 1003-10	6.3	28
173	Combination of grape seed proanthocyanidin extract and docosahexaenoic acid-rich oil increases the hepatic detoxification by GST mediated GSH conjugation in a lipidic postprandial state. *Food Chemistry*, **2014**, 165, 14-20	8.5	15
172	Resveratrol enhances palmitate-induced ER stress and apoptosis in cancer cells. *PLoS ONE*, **2014**, 9, e113929	3.7	38
171	A novel form of the human manganese superoxide dismutase protects rat and human livers undergoing ischaemia and reperfusion injury. *Clinical Science*, **2014**, 127, 527-37	6.5	17
170	Effects of a post-weaning cafeteria diet in young rats: metabolic syndrome, reduced activity and low anxiety-like behaviour. *PLoS ONE*, **2014**, 9, e85049	3.7	57
169	Omega-3 polyunsaturated fatty acids and proanthocyanidins improve postprandial metabolic flexibility in rat. *BioFactors*, **2014**, 40, 146-56	6.1	6
168	Differential modulation of apoptotic processes by proanthocyanidins as a dietary strategy for delaying chronic pathologies. *Critical Reviews in Food Science and Nutrition*, **2014**, 54, 277-91	11.5	7

167	Resveratrol and EGCG bind directly and distinctively to miR-33a and miR-122 and modulate divergently their levels in hepatic cells. *Nucleic Acids Research*, **2014**, 42, 882-92	20.1	82
166	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, 663-73	3.6	20
165	Involvement of nitric oxide and prostacyclin in the antihypertensive effect of low-molecular-weight procyanidin rich grape seed extract in male spontaneously hypertensive rats. *Journal of Functional Foods*, **2014**, 6, 419-427	5.1	26
164	Epigallocatechin gallate counteracts oxidative stress in docosahexaenoxic acid-treated myocytes. *Biochimica Et Biophysica Acta - Bioenergetics*, **2014**, 1837, 783-91	4.6	27
163	Low-molecular procyanidin rich grape seed extract exerts antihypertensive effect in males spontaneously hypertensive rats. *Food Research International*, **2013**, 51, 587-595	7	74
162	Low doses of grape seed procyanidins reduce adiposity and improve the plasma lipid profile in hamsters. *International Journal of Obesity*, **2013**, 37, 576-83	5.5	74
161	Lipidomic and metabolomic analyses reveal potential plasma biomarkers of early atheromatous plaque formation in hamsters. *Cardiovascular Research*, **2013**, 97, 642-52	9.9	48
160	The good, the bad and the dubious: VHELIBS, a validation helper for ligands and binding sites. *Journal of Cheminformatics*, **2013**, 5, 36	8.6	36
159	Distribution of grape seed flavanols and their metabolites in pregnant rats and their fetuses. *Molecular Nutrition and Food Research*, **2013**, 57, 1741-52	5.9	38
158	Serum metabolites of proanthocyanidin-administered rats decrease lipid synthesis in HepG2 cells. *Journal of Nutritional Biochemistry*, **2013**, 24, 2092-9	6.3	44
157	Effects of grape seed procyanidin extract over low-grade chronic inflammation of obese Zucker fa/fa rats. *Food Research International*, **2013**, 53, 319-324	7	9
156	DHA sensitizes FaO cells to tert-BHP-induced oxidative effects. Protective role of EGCG. *Food and Chemical Toxicology*, **2013**, 62, 750-7	4.7	12
155	Atherosclerosis prevention by nutritional factors: a meta-analysis in small animal models. *Nutrition, Metabolism and Cardiovascular Diseases*, **2013**, 23, 84-93	4.5	8
154	Grape seed procyanidin extract modulates proliferation and apoptosis of pancreatic beta-cells. *Food Chemistry*, **2013**, 138, 524-30	8.5	33
153	Polymorphisms in LEP and NPY genes modify the response to soluble fibre Plantago ovata husk intake on cardiovascular risk biomarkers. *Genes and Nutrition*, **2013**, 8, 127-36	4.3	10
152	How Does Foodomics Impact Optimal Nutrition? **2013**, 303-349		
151	Flavanol metabolites distribute in visceral adipose depots after a long-term intake of grape seed proanthocyanidin extract in rats. *British Journal of Nutrition*, **2013**, 110, 1411-20	3.6	17
150	Effects of chocolate supplementation on metabolic and cardiovascular parameters in ApoE3L mice fed a high-cholesterol atherogenic diet. *Molecular Nutrition and Food Research*, **2013**, 57, 2039-48	5.9	11

149	Bioavailability of procyanidin dimers and trimers and matrix food effects in in vitro and in vivo models CORRIGENDUM. *British Journal of Nutrition*, **2013**, 109, 2308-2308	3.6	1
148	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	3.7	41
147	Chronic administration of proanthocyanidins or docosahexaenoic acid reverses the increase of miR-33a and miR-122 in dyslipidemic obese rats. *PLoS ONE*, **2013**, 8, e69817	3.7	59
146	Additive, antagonistic, and synergistic effects of procyanidins and polyunsaturated fatty acids over inflammation in RAW 264.7 macrophages activated by lipopolysaccharide. *Nutrition*, **2012**, 28, 447-57	4.8	27
145	Detection of bioavailable peroxisome proliferator-activated receptor gamma modulators by a cell-based luciferase reporter system. *Analytical Biochemistry*, **2012**, 427, 187-9	3.1	7
144	Grape seed proanthocyanidins repress the hepatic lipid regulators miR-33 and miR-122 in rats. *Molecular Nutrition and Food Research*, **2012**, 56, 1636-46	5.9	75
143	Enhanced anti-inflammatory effect of resveratrol and EPA in treated endotoxin-activated RAW 264.7 macrophages. *British Journal of Nutrition*, **2012**, 108, 1562-73	3.6	29
142	Plant-derived phenolics inhibit the accrual of structurally characterised protein and lipid oxidative modifications. *PLoS ONE*, **2012**, 7, e43308	3.7	10
141	Inhibition of angiotensin-converting enzyme activity by flavonoids: structure-activity relationship studies. *PLoS ONE*, **2012**, 7, e49493	3.7	188
140	Assessment of compatibility between extraction methods for NMR- and LC/MS-based metabolomics. *Analytical Chemistry*, **2012**, 84, 5838-44	7.8	69
139	The lipid-lowering effect of dietary proanthocyanidins in rats involves both chylomicron-rich and VLDL-rich fractions. *British Journal of Nutrition*, **2012**, 108, 208-17	3.6	30
138	Chronic dietary supplementation of proanthocyanidins corrects the mitochondrial dysfunction of brown adipose tissue caused by diet-induced obesity in Wistar rats. *British Journal of Nutrition*, **2012**, 107, 170-8	3.6	42
137	Antioxidant effects of a grapeseed procyanidin extract and oleoyl-estrone in obese Zucker rats. *Nutrition*, **2011**, 27, 1172-6	4.8	21
136	Nutritional biomarkers and foodomic methodologies for qualitative and quantitative analysis of bioactive ingredients in dietary intervention studies. *Journal of Chromatography A*, **2011**, 1218, 7399-414	4.5	46
135	Structural insights for the design of new PPARgamma partial agonists with high binding affinity and low transactivation activity. *Journal of Computer-Aided Molecular Design*, **2011**, 25, 717-28	4.2	40
134	Dietary catechins and procyanidins modulate zinc homeostasis in human HepG2 cells. *Journal of Nutritional Biochemistry*, **2011**, 22, 153-63	6.3	32
133	Isoflavones reduce inflammation in 3T3-L1 adipocytes. *Food Chemistry*, **2011**, 125, 513-520	8.5	12
132	Improvement of mitochondrial function in muscle of genetically obese rats after chronic supplementation with proanthocyanidins. *Journal of Agricultural and Food Chemistry*, **2011**, 59, 8491-8	5.7	20

131	Acute administration of grape seed proanthocyanidin extract modulates energetic metabolism in skeletal muscle and BAT mitochondria. *Journal of Agricultural and Food Chemistry*, **2011**, 59, 4279-87	5.7	40
130	Proanthocyanidins modulate triglyceride secretion by repressing the expression of long chain acyl-CoA synthetases in Caco2 intestinal cells. *Food Chemistry*, **2011**, 129, 1490-1494	8.5	9
129	Modulatory effect of grape-seed procyanidins on local and systemic inflammation in diet-induced obesity rats. *Journal of Nutritional Biochemistry*, **2011**, 22, 380-7	6.3	130
128	Procyanidin dimer B1 and trimer C1 impair inflammatory response signalling in human monocytes. *Free Radical Research*, **2011**, 45, 611-9	4	37
127	Lipogenesis is decreased by grape seed proanthocyanidins according to liver proteomics of rats fed a high fat diet. *Molecular and Cellular Proteomics*, **2010**, 9, 1499-513	7.6	75
126	Bioavailability of procyanidin dimers and trimers and matrix food effects in in vitro and in vivo models. *British Journal of Nutrition*, **2010**, 103, 944-52	3.6	205
125	Development of a coculture system to evaluate the bioactivity of plant extracts on pancreatic cells. *Planta Medica*, **2010**, 76, 1576-81	3.1	12
124	Isoflavone effect on gene expression profile and biomarkers of inflammation. *Journal of Pharmaceutical and Biomedical Analysis*, **2010**, 51, 382-90	3.5	55
123	Hypolipidemic effects of proanthocyanidins and their underlying biochemical and molecular mechanisms. *Molecular Nutrition and Food Research*, **2010**, 54, 37-59	5.9	198
122	Oligomers of grape-seed procyanidin extract activate the insulin receptor and key targets of the insulin signaling pathway differently from insulin. *Journal of Nutritional Biochemistry*, **2010**, 21, 476-81	6.3	74
121	Effects of a grapeseed procyanidin extract (GSPE) on insulin resistance. *Journal of Nutritional Biochemistry*, **2010**, 21, 961-7	6.3	88
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119	Dietary procyanidins enhance transcriptional activity of bile acid-activated FXR in vitro and reduce triglyceridemia in vivo in a FXR-dependent manner. *Molecular Nutrition and Food Research*, **2009**, 53, 805-14	5.9	74
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