

Llus Arola

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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	Grape seed-derived procyanidins have an antihyperglycemic effect in streptozotocin-induced diabetic rats and insulinomimetic activity in insulin-sensitive cell lines. <i>Endocrinology</i> , 2004 , 145, 4985-90	4.8	268
273	Advanced separation methods of food anthocyanins, isoflavones and flavanols. <i>Journal of Chromatography A</i> , 2009 , 1216, 7143-72	4.5	231
272	Grape-seed procyanidins prevent low-grade inflammation by modulating cytokine expression in rats fed a high-fat diet. <i>Journal of Nutritional Biochemistry</i> , 2009 , 20, 210-8	6.3	223
271	Grape-seed procyanidins act as antiinflammatory agents in endotoxin-stimulated RAW 264.7 macrophages by inhibiting NFkB signaling pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 4357-65	5.7	221
270	Bioavailability of procyanidin dimers and trimers and matrix food effects in in vitro and in vivo models. <i>British Journal of Nutrition</i> , 2010 , 103, 944-52	3.6	205
269	Hypolipidemic effects of proanthocyanidins and their underlying biochemical and molecular mechanisms. <i>Molecular Nutrition and Food Research</i> , 2010 , 54, 37-59	5.9	198
268	Inhibition of angiotensin-converting enzyme activity by flavonoids: structure-activity relationship studies. <i>PLoS ONE</i> , 2012 , 7, e49493	3.7	188
267	Grape seed procyanidins improve atherosclerotic risk index and induce liver CYP7A1 and SHP expression in healthy rats. <i>FASEB Journal</i> , 2005 , 19, 479-81	0.9	142
266	Grape seed procyanidins prevent oxidative injury by modulating the expression of antioxidant enzyme systems. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 6080-6	5.7	139
265	Modulatory effect of grape-seed procyanidins on local and systemic inflammation in diet-induced obesity rats. <i>Journal of Nutritional Biochemistry</i> , 2011 , 22, 380-7	6.3	130
264	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, 1007-12	5.5	122
263	New method for evaluating astringency in red wine. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 742-6	5.7	103
262	Grape-seed procyanidins modulate inflammation on human differentiated adipocytes in vitro. <i>Cytokine</i> , 2009 , 47, 137-42	4	97
261	Influence of phenolic compounds on the physiology of <i>Oenococcus oeni</i> from wine. <i>Journal of Applied Microbiology</i> , 2000 , 88, 1065-71	4.7	90
260	Effects of a grapeseed procyanidin extract (GSPE) on insulin resistance. <i>Journal of Nutritional Biochemistry</i> , 2010 , 21, 961-7	6.3	88
259	Effects of copper exposure upon nitrogen metabolism in tissue cultured <i>Vitis vinifera</i> . <i>Plant Science</i> , 2000 , 160, 159-163	5.3	87
258	Resveratrol and EGCG bind directly and distinctively to miR-33a and miR-122 and modulate divergently their levels in hepatic cells. <i>Nucleic Acids Research</i> , 2014 , 42, 882-92	20.1	82

257	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	5.5	81
256	Grape seed proanthocyanidins repress the hepatic lipid regulators miR-33 and miR-122 in rats. <i>Molecular Nutrition and Food Research</i> , 2012 , 56, 1636-46	5.9	75
255	Lipogenesis is decreased by grape seed proanthocyanidins according to liver proteomics of rats fed a high fat diet. <i>Molecular and Cellular Proteomics</i> , 2010 , 9, 1499-513	7.6	75
254	Low-molecular procyanidin rich grape seed extract exerts antihypertensive effect in males spontaneously hypertensive rats. <i>Food Research International</i> , 2013 , 51, 587-595	7	74
253	Low doses of grape seed procyanidins reduce adiposity and improve the plasma lipid profile in hamsters. <i>International Journal of Obesity</i> , 2013 , 37, 576-83	5.5	74
252	Dietary procyanidins enhance transcriptional activity of bile acid-activated FXR in vitro and reduce triglyceridemia in vivo in a FXR-dependent manner. <i>Molecular Nutrition and Food Research</i> , 2009 , 53, 805-14	5.9	74
251	Oligomers of grape-seed procyanidin extract activate the insulin receptor and key targets of the insulin signaling pathway differently from insulin. <i>Journal of Nutritional Biochemistry</i> , 2010 , 21, 476-81	6.3	74
250	Bioactivity of Flavonoids on Insulin-Secreting Cells. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2008 , 7, 299-308	16.4	70
249	Proanthocyanidins in health and disease. <i>BioFactors</i> , 2016 , 42, 5-12	6.1	70
248	Assessment of compatibility between extraction methods for NMR- and LC/MS-based metabolomics. <i>Analytical Chemistry</i> , 2012 , 84, 5838-44	7.8	69
247	Grape-seed derived procyanidins interfere with adipogenesis of 3T3-L1 cells at the onset of differentiation. <i>International Journal of Obesity</i> , 2005 , 29, 934-41	5.5	66
246	Changes in lipolysis and hormone-sensitive lipase expression caused by procyanidins in 3T3-L1 adipocytes. <i>International Journal of Obesity</i> , 2000 , 24, 319-24	5.5	66
245	Detection and characterization of silver nanoparticles and dissolved species of silver in culture medium and cells by AsFFFF-UV-Vis-ICPMS: application to nanotoxicity tests. <i>Analyst, The</i> , 2014 , 139, 914-22	5	65
244	Roles of proanthocyanidin rich extracts in obesity. <i>Food and Function</i> , 2015 , 6, 1053-71	6.1	64
243	Antigenotoxic effect of grape seed procyanidin extract in Fao cells submitted to oxidative stress. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 1083-7	5.7	62
242	Peroxisome Proliferator-Activated Receptor α and Ligand Choreography: Newcomers Take the Stage. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 5381-94	8.3	61
241	Dietary procyanidins lower triglyceride levels signaling through the nuclear receptor small heterodimer partner. <i>Molecular Nutrition and Food Research</i> , 2008 , 52, 1172-81	5.9	61
240	Procyanidins and their healthy protective effects against type 2 diabetes. <i>Current Medicinal Chemistry</i> , 2015 , 22, 39-50	4.3	61

239	Mapping of the circulating metabolome reveals β -ketoglutarate as a predictor of morbid obesity-associated non-alcoholic fatty liver disease. <i>International Journal of Obesity</i> , 2015 , 39, 279-87	5.5	60
238	Metabolic effects of short term food deprivation in the rat. <i>Hormone and Metabolic Research</i> , 1981 , 13, 326-30	3.1	60
237	Chronic administration of proanthocyanidins or docosahexaenoic acid reverses the increase of miR-33a and miR-122 in dyslipidemic obese rats. <i>PLoS ONE</i> , 2013 , 8, e69817	3.7	59
236	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	3.7	57
235	A new method for deproteinization of small samples of blood plasma for amino acid determination. <i>Analytical Biochemistry</i> , 1977 , 82, 236-9	3.1	56
234	Isoflavone effect on gene expression profile and biomarkers of inflammation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 51, 382-90	3.5	55
233	Fate of Some Common Pesticides during Vinification Process. <i>Journal of Agricultural and Food Chemistry</i> , 1996 , 44, 3668-3671	5.7	55
232	Procyanidin effects on adipocyte-related pathologies. <i>Critical Reviews in Food Science and Nutrition</i> , 2006 , 46, 543-50	11.5	51
231	Long-term supplementation with a low dose of proanthocyanidins normalized liver miR-33a and miR-122 levels in high-fat diet-induced obese rats. <i>Nutrition Research</i> , 2015 , 35, 337-45	4	50
230	Protein-ligand Docking: A Review of Recent Advances and Future Perspectives. <i>Current Pharmaceutical Analysis</i> , 2008 , 4, 1-19	0.6	50
229	Grape seed proanthocyanidin supplementation reduces adipocyte size and increases adipocyte number in obese rats. <i>International Journal of Obesity</i> , 2017 , 41, 1246-1255	5.5	48
228	Lipidomic and metabolomic analyses reveal potential plasma biomarkers of early atheromatous plaque formation in hamsters. <i>Cardiovascular Research</i> , 2013 , 97, 642-52	9.9	48
227	Mediterranean Diet and Multi-Ingredient-Based Interventions for the Management of Non-Alcoholic Fatty Liver Disease. <i>Nutrients</i> , 2017 , 9,	6.7	47
226	Nutritional biomarkers and foodomic methodologies for qualitative and quantitative analysis of bioactive ingredients in dietary intervention studies. <i>Journal of Chromatography A</i> , 2011 , 1218, 7399-4145	4.5	46
225	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, 266-79	7	45
224	Serum metabolites of proanthocyanidin-administered rats decrease lipid synthesis in HepG2 cells. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 2092-9	6.3	44
223	Plasma amino acid concentrations in pregnant rats and in 21-day foetuses. <i>Biochemical Journal</i> , 1977 , 166, 49-55	3.8	44
222	Chronic dietary supplementation of proanthocyanidins corrects the mitochondrial dysfunction of brown adipose tissue caused by diet-induced obesity in Wistar rats. <i>British Journal of Nutrition</i> , 2012 , 107, 170-8	3.6	42

221	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	3.7	41
220	Intracellular mediators of procyanidin-induced lipolysis in 3T3-L1 adipocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 262-6	5.7	41
219	Human apo A-I and rat transferrin are the principal plasma proteins that bind wine catechins. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 2708-12	5.7	41
218	Moderate red wine consumption protects the rat against oxidation in vivo. <i>Life Sciences</i> , 1999 , 64, 1517-24	3.8	41
217	Structural insights for the design of new PPARgamma partial agonists with high binding affinity and low transactivation activity. <i>Journal of Computer-Aided Molecular Design</i> , 2011 , 25, 717-28	4.2	40
216	Acute administration of grape seed proanthocyanidin extract modulates energetic metabolism in skeletal muscle and BAT mitochondria. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 4279-87	5.7	40
215	Glutamine synthetase activity in the organs of fed and 24-hours fasted rats. <i>Hormone and Metabolic Research</i> , 1981 , 13, 199-202	3.1	40
214	Determination of mycotoxins in plant-based beverages using QuEChERS and liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2017 , 229, 366-372	8.5	39
213	Effect of low molecular grape seed proanthocyanidins on blood pressure and lipid homeostasis in cafeteria diet-fed rats. <i>Journal of Physiology and Biochemistry</i> , 2014 , 70, 629-37	5	39
212	Distribution of grape seed flavanols and their metabolites in pregnant rats and their fetuses. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 1741-52	5.9	38
211	Resveratrol enhances palmitate-induced ER stress and apoptosis in cancer cells. <i>PLoS ONE</i> , 2014 , 9, e113929	3.7	38
210	Gender-related similarities and differences in the body distribution of grape seed flavanols in rats. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 760-72	5.9	38
209	Procyanidin dimer B1 and trimer C1 impair inflammatory response signalling in human monocytes. <i>Free Radical Research</i> , 2011 , 45, 611-9	4	37
208	The good, the bad and the dubious: VHELIBS, a validation helper for ligands and binding sites. <i>Journal of Cheminformatics</i> , 2013 , 5, 36	8.6	36
207	Procyanidins protect Fao cells against hydrogen peroxide-induced oxidative stress. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2002 , 1572, 25-30	4	36
206	Chronic supplementation with dietary proanthocyanidins protects from diet-induced intestinal alterations in obese rats. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1601039	5.9	35
205	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. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600878	5.9	35
204	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. <i>Phytomedicine</i> , 2016 , 23, 1451-1461	6.5	35

203	Effects from diet-induced gut microbiota dysbiosis and obesity can be ameliorated by fecal microbiota transplantation: A multiomics approach. <i>PLoS ONE</i> , 2019 , 14, e0218143	3.7	34
202	Inhibitory effects of grape seed procyanidins on foam cell formation in vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 2588-94	5.7	34
201	Grape seed procyanidin extract modulates proliferation and apoptosis of pancreatic beta-cells. <i>Food Chemistry</i> , 2013 , 138, 524-30	8.5	33
200	Dietary proanthocyanidins modulate BMAL1 acetylation, Nampt expression and NAD levels in rat liver. <i>Scientific Reports</i> , 2015 , 5, 10954	4.9	32
199	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, 912-20	6.3	32
198	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, 865-78	5.9	32
197	Dietary catechins and procyanidins modulate zinc homeostasis in human HepG2 cells. <i>Journal of Nutritional Biochemistry</i> , 2011 , 22, 153-63	6.3	32
196	Tetramethylated dimeric procyanidins are detected in rat plasma and liver early after oral administration of synthetic oligomeric procyanidins. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 2543-51	5.7	32
195	Dietary proanthocyanidins boost hepatic NAD(+) metabolism and SIRT1 expression and activity in a dose-dependent manner in healthy rats. <i>Scientific Reports</i> , 2016 , 6, 24977	4.9	31
194	Chronic supplementation of proanthocyanidins reduces postprandial lipemia and liver miR-33a and miR-122 levels in a dose-dependent manner in healthy rats. <i>Journal of Nutritional Biochemistry</i> , 2014 , 25, 151-6	6.3	30
193	The lipid-lowering effect of dietary proanthocyanidins in rats involves both chylomicron-rich and VLDL-rich fractions. <i>British Journal of Nutrition</i> , 2012 , 108, 208-17	3.6	30
192	Effects of 24 hour starvation on plasma composition in 19 and 21 day pregnant rats and their foetuses. <i>Hormone and Metabolic Research</i> , 1982 , 14, 364-71	3.1	30
191	Grape seed proanthocyanidin extract improves the hepatic glutathione metabolism in obese Zucker rats. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 727-37	5.9	29
190	Chronic consumption of dietary proanthocyanidins modulates peripheral clocks in healthy and obese rats. <i>Journal of Nutritional Biochemistry</i> , 2015 , 26, 112-9	6.3	29
189	Enhanced anti-inflammatory effect of resveratrol and EPA in treated endotoxin-activated RAW 264.7 macrophages. <i>British Journal of Nutrition</i> , 2012 , 108, 1562-73	3.6	29
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. <i>International Journal of Obesity</i> , 2015 , 39, 7-15	5.5	28
187	Chronic intake of proanthocyanidins and docosahexaenoic acid improves skeletal muscle oxidative capacity in diet-obese rats. <i>Journal of Nutritional Biochemistry</i> , 2014 , 25, 1003-10	6.3	28
186	Nickel-induced hyperglycaemia: the role of insulin and glucagon. <i>Toxicology</i> , 1992 , 71, 181-92	4.4	28

185	Additive, antagonistic, and synergistic effects of procyanidins and polyunsaturated fatty acids over inflammation in RAW 264.7 macrophages activated by lipopolysaccharide. <i>Nutrition</i> , 2012 , 28, 447-57	4.8	27
184	Epigallocatechin gallate counteracts oxidative stress in docosahexaenoic acid-treated myocytes. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014 , 1837, 783-91	4.6	27
183	Moderate red-wine consumption partially prevents body weight gain in rats fed a hyperlipidic diet. <i>Journal of Nutritional Biochemistry</i> , 2006 , 17, 139-42	6.3	27
182	Effect of phenolic compounds on the co-metabolism of citric acid and sugars by <i>Oenococcus oeni</i> from wine. <i>Letters in Applied Microbiology</i> , 2003 , 36, 337-41	2.9	27
181	Involvement of nitric oxide and prostacyclin in the antihypertensive effect of low-molecular-weight procyanidin rich grape seed extract in male spontaneously hypertensive rats. <i>Journal of Functional Foods</i> , 2014 , 6, 419-427	5.1	26
180	Activities of enzymes involved in amino-acid metabolism in developing rat placenta. <i>FEBS Journal</i> , 1980 , 110, 289-93		26
179	Metabolic fate of glucose on 3T3-L1 adipocytes treated with grape seed-derived procyanidin extract (GSPE). Comparison with the effects of insulin. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 5932-5	5.7	25
178	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. <i>Childhood Obesity</i> , 2017 , 13, 300-313	2.5	24
177	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, 138-44	8.5	24
176	Resveratrol Potently Counteracts Quercetin Starvation-Induced Autophagy and Sensitizes HepG2 Cancer Cells to Apoptosis. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, 1700610	5.9	24
175	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	8.5	24
174	Potential Involvement of Peripheral Leptin/STAT3 Signaling in the Effects of Resveratrol and Its Metabolites on Reducing Body Fat Accumulation. <i>Nutrients</i> , 2018 , 10,	6.7	24
173	Effect of stress and sampling site on metabolite concentration in rat plasma. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1980 , 88, 99-105		23
172	Multi-omics approach to elucidate the gut microbiota activity: Metaproteomics and metagenomics connection. <i>Electrophoresis</i> , 2018 , 39, 1692-1701	3.6	22
171	A youth-led social marketing intervention to encourage healthy lifestyles, the EYTO (European Youth Tackling Obesity) project: a cluster randomised controlled trial in Catalonia, Spain. <i>BMC Public Health</i> , 2015 , 15, 607	4.1	21
170	Antioxidant effects of a grapeseed procyanidin extract and oleoyl-estrone in obese Zucker rats. <i>Nutrition</i> , 2011 , 27, 1172-6	4.8	21
169	In vivo, in vitro, and in silico studies of Cu/Zn-superoxide dismutase regulation by molecules in grape seed procyanidin extract. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 3934-42	5.7	21
168	Effects of copper, cadmium and nickel on liver and kidney glutathione redox cycle of rats (<i>Rattus sp.</i>). <i>Comparative Biochemistry and Physiology Part C: Comparative Pharmacology</i> , 1992 , 101, 209-13		21

167	A dose-response study of the bioavailability of grape seed proanthocyanidin in rat and lipid-lowering effects of generated metabolites in HepG2 cells. <i>Food Research International</i> , 2014 , 64, 500-507	7	20
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. <i>British Journal of Nutrition</i> , 2014 , 112, 663-73	3.6	20
165	Improvement of mitochondrial function in muscle of genetically obese rats after chronic supplementation with proanthocyanidins. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 8491-8	5.7	20
164	Determination of plasma amino acids in small samples with the use of Dansyl-chloride. <i>Biochimie</i> , 1976 , 58, 1221-6	4.6	20
163	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	5.5	20
162	Analytical methods in sphingolipidomics: Quantitative and profiling approaches in food analysis. <i>Journal of Chromatography A</i> , 2016 , 1428, 16-38	4.5	19
161	Chrononutrition and Polyphenols: Roles and Diseases. <i>Nutrients</i> , 2019 , 11,	6.7	19
160	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	5.2	19
159	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	5.1	18
158	Foodomics imaging by mass spectrometry and magnetic resonance. <i>Electrophoresis</i> , 2016 , 37, 1748-67	3.6	18
157	Effects of lactation on circulating plasma metabolites in cafeteria-fed rats. <i>British Journal of Nutrition</i> , 1986 , 55, 139-47	3.6	18
156	Changes in glutamine synthesis activity in the different organs of developing rats. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1981 , 89, 189-94		18
155	Potential Use of Mobile Phone Applications for Self-Monitoring and Increasing Daily Fruit and Vegetable Consumption: A Systematized Review. <i>Nutrients</i> , 2019 , 11,	6.7	17
154	Metabolomics Elucidates Dose-Dependent Molecular Beneficial Effects of Hesperidin Supplementation in Rats Fed an Obesogenic Diet. <i>Antioxidants</i> , 2020 , 9,	7.1	17
153	A novel form of the human manganese superoxide dismutase protects rat and human livers undergoing ischaemia and reperfusion injury. <i>Clinical Science</i> , 2014 , 127, 527-37	6.5	17
152	Flavanol metabolites distribute in visceral adipose depots after a long-term intake of grape seed proanthocyanidin extract in rats. <i>British Journal of Nutrition</i> , 2013 , 110, 1411-20	3.6	17
151	Summary and general conclusions/outcomes on the role and fate of sugars in human nutrition and health. <i>Obesity Reviews</i> , 2009 , 10 Suppl 1, 55-8	10.6	17
150	In vivo effects of nickel and cadmium in rats on lipid peroxidation and ceruloplasmin activity. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1990 , 44, 686-91	2.7	17

149	Metabolomics: An emerging tool to evaluate the impact of nutritional and physiological challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 96, 79-88	14.6	16
148	Simultaneous horizontal gene transfer of a gene coding for ribosomal protein l27 and operational genes in <i>Arthrobacter</i> sp. <i>Journal of Molecular Evolution</i> , 2002 , 55, 632-7	3.1	16
147	Changes in alanine transaminase activity in several organs of the rat induced by a 24-hour fast. <i>Hormone and Metabolic Research</i> , 1980 , 12, 505-8	3.1	16
146	Development and validation of a UHPLC-ESI-MS/MS method for the simultaneous quantification of mammal lysophosphatidylcholines and lysophosphatidylethanolamines in serum. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1055-1056, 86-97	3.2	15
145	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, 1670-7	6.3	15
144	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. <i>Food Chemistry</i> , 2014 , 165, 14-20	8.5	15
143	Organotypic co-culture system to study plant extract bioactivity on hepatocytes. <i>Food Chemistry</i> , 2010 , 122, 775-781	8.5	15
142	Handbook of the Irideae. 1892 ,		14
141	Impact of a cafeteria diet and daily physical training on the rat serum metabolome. <i>PLoS ONE</i> , 2017 , 12, e0171970	3.7	13
140	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	4.6	13
139	Changes in lysophospholipids and liver status after weight loss: the RESMENA study. <i>Nutrition and Metabolism</i> , 2018 , 15, 51	4.6	12
138	DHA sensitizes FaO cells to tert-BHP-induced oxidative effects. Protective role of EGCG. <i>Food and Chemical Toxicology</i> , 2013 , 62, 750-7	4.7	12
137	Isoflavones reduce inflammation in 3T3-L1 adipocytes. <i>Food Chemistry</i> , 2011 , 125, 513-520	8.5	12
136	Development of a coculture system to evaluate the bioactivity of plant extracts on pancreatic βcells. <i>Planta Medica</i> , 2010 , 76, 1576-81	3.1	12
135	Model for voluntary wine and alcohol consumption in rats. <i>Physiology and Behavior</i> , 1997 , 62, 353-7	3.5	12
134	Muscle amino acid pattern in obese rats. <i>International Journal of Obesity</i> , 1997 , 21, 698-703	5.5	12
133	Nonalcoholic components in wine reduce low density lipoprotein cholesterol in normocholesterolemic rats. <i>Lipids</i> , 2001 , 36, 383-8	1.6	12
132	Cytosolic copper-binding proteins in rat and mouse hepatocytes incubated continuously with Cu(II). <i>Biochemical Journal</i> , 1990 , 268, 359-66	3.8	12

131	Iron, zinc, and copper content in the tissues of the rat during pregnancy. <i>Biological Trace Element Research</i> , 1985 , 8, 105-11	4.5	12
130	Adenylate deaminase activity in the rat. Effect of 24 hours of fasting. <i>Hormone and Metabolic Research</i> , 1981 , 13, 264-6	3.1	12
129	Amino-acid enzyme activities in liver and kidney of developing rats. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1982 , 90, 163-71		12
128	Phenolic compounds and biological rhythms: Who takes the lead?. <i>Trends in Food Science and Technology</i> , 2021 , 113, 77-85	15.3	12
127	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	5.1	11
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